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## DELTA REPORT

### 10-K

BRN - BARNWELL INDUSTRIES INC

10-K - SEPTEMBER 30, 2023 COMPARED TO 10-K - SEPTEMBER 30, 2022

The following comparison report has been automatically generated

**TOTAL DELTAS** 3894

█ CHANGES 388

█ DELETIONS 842

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549  
FORM 10-K

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended **September 30, 2022** **September 30, 2023**

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission File Number 1-5103

**BARNWELL INDUSTRIES, INC.**

(Exact name of registrant as specified in its charter)

Delaware

72-0496921

(State or other jurisdiction of incorporation or organization)

(I.R.S. Employer Identification No.)

1100 Alakea Street, Suite 500, Honolulu, Hawaii

96813-2840

(Address of principal executive offices)

(Zip code)

Registrant's telephone number, including area code: (808) 531-8400

Securities registered pursuant to Section 12(b) of the Act:

<u>Title of each class</u>	<u>Trading Symbol(s)</u>	<u>Name of each exchange on which registered</u>
Common Stock, \$0.50 par value	BRN	NYSE American
Common Stock Purchase Rights	N/A	NYSE American

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.  Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.  Yes  No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.  Yes  No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (\$232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).  Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the Registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.

If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements.

Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to §240.10D-1(b).

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act).  Yes  No

The aggregate market value of the voting common stock held by non-affiliates of the registrant, computed by reference to the closing price of a share of common stock on **March 31, 2022** **March 31, 2023** (the last business day of the registrant's most recently completed second fiscal quarter) was **\$12,155,000**, **\$10,251,000**.

As of **December 9, 2022** **December 12, 2023** there were **9,956,687** **10,000,106** shares of common stock outstanding.

Documents Incorporated by Reference

1. Proxy statement, to be forwarded to stockholders on or about **January 13, 2023** **January 12, 2024**, is incorporated by reference in Part III hereof.

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## GLOSSARY OF TERMS

Unless otherwise indicated, all references to "dollars" in this Form 10-K are to U.S. dollars.

Defined below are certain terms used in this Form 10-K:

Terms	Definitions
AER	- Alberta Energy Regulator
ARO	- Asset retirement obligation
ASC	- Accounting Standards Codification
ASU	- Accounting Standards Update
Barnwell of Canada	- Barnwell of Canada, Limited
Bbl(s)	- stock tank barrel(s) of oil equivalent to 42 U.S. gallons
Boe	- barrel of oil equivalent at the rate of <b>5.86</b> Mcf per Bbl of oil or NGL
Consolidated Balance Sheets	- The consolidated balance sheets of Barnwell Industries, Inc. and its subsidiaries.
FASB	- Financial Accounting Standards Board
GAAP	- U.S. generally accepted accounting principles
Gross	- Total number of acres or wells in which Barnwell owns an interest; includes interests owned of record by Barnwell and, in addition, the portion(s) owned by others; for example, a 50% interest in a 320 acre lease represents 320 gross acres and a 50% interest in a well represents 1 gross well. In the context of production volumes, gross represents amounts before deduction of the royalty share due others.
InSite	- InSite Petroleum Consultants Ltd.
KD I	- KD Acquisition, LLLP, formerly known as WB KD Acquisition, LLC
KD II	- KD Acquisition II, LP, formerly known as WB KD Acquisition, II, LLC
KD Development	- KD Development, LLC
KD Kona	- KD Kona 2013 LLLP
KKM Makai	- KKM Makai, LLLP
Kukio Resort Land Development Partnerships	- The following partnerships in which Barnwell owns non-controlling interest: KD Kukio Resorts, LLLP ("KD Kukio Resorts") KD Maniniowali, LLLP ("KD Maniniowali") KD Kaupulehu, LLLP, which consists of KD I and KD II ("KDK")
LCA	- Licensee Capability Assessment
LGX	- LGX Oil & Gas Ltd.
MBbls	- thousands of barrels of oil
Mcf	- one thousand cubic feet of natural gas at 14.65 pounds per square inch absolute and 60 degrees Fahrenheit
Mcfe	- Mcf equivalent at the rate of 1 Bbl = <b>5.86</b> Mcf
MMcf	- one million cubic feet of natural gas
Net	- Barnwell's aggregate interest in the total acres or wells; for example, a 50% interest in a 320 acre lease represents 160 net acres and a 50% interest in a well represents 0.5 net well. In the context of production volumes, net represents amounts after deduction of the royalty share due others.
NGL(s)	- natural gas liquid(s)
Octavian Oil	- Octavian Oil, Ltd.
OWA	- Orphan Well Association
Ryder Scott	- Ryder Scott Company, L.P.
SEC	- United States Securities and Exchange Commission
U.S.	- United States
VIE	- Variable interest entity
Water Resources	- Water Resources International, Inc.
WIP	- Working Interest Partners

**CAUTIONARY STATEMENT RELEVANT TO FORWARD-LOOKING INFORMATION  
FOR THE PURPOSE OF "SAFE HARBOR" PROVISIONS OF THE  
PRIVATE SECURITIES LITIGATION REFORM ACT OF 1995**

This Form 10-K, and the documents incorporated herein by reference, contain "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 ("PSLRA"). A forward-looking statement is one which is based on current expectations of future events or conditions and does not relate to historical or current facts. These statements include various estimates, forecasts, projections of Barnwell Industries, Inc.'s (referred to herein together with its majority-owned subsidiaries as "Barnwell," "we," "our," "us" or the "Company") future performance, statements of Barnwell's plans and objectives and other similar statements. All such statements we make are forward-looking statements made under the safe harbor of the PSLRA, except to the extent such statements relate to the operations of a partnership or limited liability company. Forward-looking statements include phrases such as "expects," "anticipates," "intends," "plans," "believes," "predicts," "estimates," "assumes," "projects," "may," "will," "will be," "should," or similar expressions. Although Barnwell believes that its current expectations are based on reasonable assumptions, it cannot assure that the expectations contained in such forward-looking statements will be achieved. Forward-looking statements involve risks, uncertainties and assumptions which could cause actual results to differ materially from those contained in such statements. Investors should not place undue reliance on these forward-looking statements, as they speak only as of the date of filing of this Form 10-K, and Barnwell expressly disclaims any obligation or undertaking to publicly release any updates or revisions to any forward-looking statements contained herein.

Among the important factors that could cause actual results to differ materially from those in the forward-looking statements are domestic and international general economic conditions, such as recessionary trends and inflation; domestic and international political, legislative, economic, regulatory and legal actions, including changes in the policies of the Organization of the Petroleum Exporting Countries or other developments involving or affecting oil and natural gas producing countries; military conflict, embargoes, internal instability or actions or reactions of the governments of the U.S. and/or Canada in anticipation of or in response to such developments; interest costs, restrictions on production, restrictions on imports and exports in both the U.S. and Canada, the maintenance of specified reserves, tax increases and retroactive tax claims, royalty increases, expropriation of property, cancellation of contract rights, environmental protection controls, environmental compliance requirements and laws pertaining to workers' health and safety; the condition of Hawaii's real estate market, including the level of real estate activity and prices, the demand for new housing and second homes on the island of Hawaii, the rate of increase in the cost of building materials and labor, the introduction of building code modifications, changes to zoning laws, the condition of Hawaii's tourism industry and the level of confidence in Hawaii's economy; levels of land development activity in Hawaii; levels of demand for water well drilling and pump installation in Hawaii; the potential liability resulting from pending or future litigation; the Company's acquisition or disposition of assets; the effects of changed accounting rules under GAAP promulgated by rule-setting bodies; and the factors set forth under the heading "Risk Factors" in this Form 10-K, in other portions of this Form 10-K, in the Notes to Consolidated Financial Statements, and in other documents filed by Barnwell with the SEC. In addition, unpredictable or unknown factors not discussed in this report could also cause actual results to materially and adversely differ from those discussed in the forward-looking statements.

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## PART I

### ITEM 1. BUSINESS

#### Overview

Barnwell was incorporated in Delaware in 1956 and fiscal 2022 2023 represented Barnwell's 66th 67th year of operations. Barnwell operates in the following three principal business segments:

- *Oil and Natural Gas Segment* - Barnwell engages in oil and natural gas development, production, acquisitions and sales in Canada and in the U.S. state states of Oklahoma, Oklahoma and Texas.
- *Land Investment Segment* - Barnwell invests in land interests in Hawaii.
- *Contract Drilling Segment* - Barnwell provides well drilling services and water pumping system installation and repairs in Hawaii.

#### Oil and Natural Gas Segment

##### Overview

Barnwell acquires and develops crude oil and natural gas assets in the province of Alberta, Canada via two corporate entities, Barnwell of Canada and Octavian Oil. Barnwell of Canada is a U.S. incorporated company that has been active in Canada for over 50 years, primarily as a non-

operator participating in exploration projects operated by others. Octavian Oil is a Canadian company incorporated in 2016 to achieve growth through the acquisition and development of crude oil reserves and development of those reserves. Additionally, through its wholly-owned subsidiary BOK Drilling, LLC ("BOK"), established in February 2021, and Barnwell Texas, LLC ("Barnwell Texas"), established in November 2022, Barnwell is indirectly involved in oil and natural gas investments in Oklahoma, Oklahoma and Texas, respectively.

### Strategy

Barnwell's Canadian oil and natural gas assets are currently managed as two categories based on their differing attributes and strategies: Twining and Legacy.

Twining represents 73% of Barnwell's fiscal 2023 Boe production and consists of assets in the Twining field, in Alberta, Canada, that Canada. These assets were purchased in August 2018 and additions to the field subsequently were augmented with subsequent smaller acquisitions of partners. These assets are partially operated by the Company and partially operated by Pine Cliff Energy Ltd. The oil wells operated by the Company are have largely low decline wells, less than 15% per year decline rates, and due to these lower decline rates, these Twining oil wells require a lower amount of less capital investment than higher decline rate wells. to replace decline. This lower capital requirement along with the fact that the land is largely held indefinitely, enables development drilling to be done when commodity prices support it. Since Barnwell's entry into the Twining property, we have participated in drilling eight 11 gross horizontal development wells that were completed with multi-stage sand fracs, all of which have been or are forecast to be profitable. Of these eight 11 wells, two are 100%-owned operated wells chosen in locations selected by Barnwell and six nine gross (1.7)(2.6 net) are non-operated wells. Barnwell plans to continue to develop the pool with more horizontal wells if commodity prices continue to support their profitability.

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The Legacy category consists assets represent 8% of Barnwell's fiscal 2023 Boe production and consist of the Company's largely non-operated Canadian oil and natural gas assets not in the Twining area which are largely non-operated. area. The Canadian Legacy assets are located throughout Alberta, Canada, and produce shallow gas and conventional oil from a variety of pools. These assets have been accumulated over decades of Barnwell activity. Barnwell continues to evaluate opportunities to either divest the legacy Canadian assets or add to them through acquiring working interests depending on technical and economic evaluations. Minimal capital is expected to be invested in these properties.

In Oklahoma, which produced 9% of Barnwell's fiscal 2023 Boe production, the Company commenced participation in an eight-well drilling program with has non-operated working interests for in seven wells varying from 1.2% to 4.2% and a minor overriding royalty interest, 0.07%, in one well.

In December 2022, the Company entered into a purchase and sale agreement with an independent third party to acquire a 22.3% non-operated working interest in oil and natural gas leasehold acreage in the Permian Basin in Texas. In connection with the purchase of such leasehold interests, Barnwell acquired a 15.4% non-operated working interest in two oil wells in the Wolfcamp Formation in Loving and Ward Counties, Texas. Two gross (0.3 net) wells were drilled and began producing in late April 2023. Additional drilling opportunities in the U.S. are being investigated.

At September 30, 2022, These wells produced 10% of Barnwell's reserves fiscal 2023 Boe production, but were approximately 54% operated and consisted of 56% conventional oil and natural gas liquids and 44% natural gas. At September 30, 2021, Barnwell's reserves were approximately 64% operated and consisted of 56% conventional oil and natural gas liquids and 44% natural gas. only producing for five months.

### Operations

All acquisitions, operational and developmental activities in the Twining area are the responsibility of the President and Chief Operating Officer of Barnwell of Canada and Octavian Oil with approvals for major expenditures secured from Barnwell's executive management and, when applicable, the Board of Directors.

Our oil and natural gas segment revenues, profitability, and future rate of growth are dependent upon oil and natural gas prices and the Company's ability to use its current cash, obtain external financing or generate sufficient cash flows to fund the development of our reserves. In the recent past, the industry experienced a period of low oil and natural gas prices that negatively impacted our past operating results, cash flows and liquidity. Credit and capital markets for oil and natural gas companies have been negatively affected as well, resulting in a decline in sources of

financing as compared markets are volatile. We may seek to previous years. Oil raise additional capital if such proceeds are considered attractive and natural gas prices have recovered significantly from the prior year which could improve sources of external finances, would support potential growth.

Natural gas prices are typically higher in the winter than at other times due to increased heating demand. Oil prices also are subject to seasonal fluctuations, but to a lesser degree. Oil and natural gas unit sales are based on the quantity produced from the properties by the respective property operators. Prices received in Canada also have been negatively impacted by the lack of export pipeline capacity.

#### Preparation of Reserve Estimates

Barnwell's reserves are estimated by our independent petroleum reserve engineers, InSite Petroleum Consultants Ltd. ("InSite") in Canada and Ryder Scott Company, L.P. ("Ryder Scott") in the U.S., in accordance with generally accepted petroleum engineering and evaluation principles and techniques and rules and regulations of the SEC. All information with respect to the Company's Canadian reserves in this Form 10-K is derived from the report of InSite, and a copy of the report issued by InSite which is filed with this Form 10-K as Exhibit 99.1. All information with respect to the Company's U.S. reserves in this Form 10-K is derived from the report reports of Ryder Scott, and a copy of the report issued by Ryder Scott is which are filed with this Form 10-K as Exhibit 99.2. Exhibits 99.2 and 99.3.

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The preparation of data used by the independent petroleum reserve engineers to compile our oil and natural gas reserve estimates was completed in accordance with various internal control procedures

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which include verification of data input into reserves evaluation software, reconciliations and reviews of data provided to the independent petroleum reserve engineers to ensure completeness, and management review controls, including an independent internal review of the final reserve report for completeness and accuracy.

Barnwell has a Reserves Committee consisting of two independent directors and Barnwell's CEO. The Reserves Committee was established to ensure the independence of the Company's petroleum reserve engineers. The Reserves Committee is responsible for reviewing the annual reserve evaluation reports prepared by the independent petroleum reserve engineering firms and ensuring that the reserves are reported fairly in a manner consistent with applicable standards. The Reserves Committee meets annually to discuss reserve issues and policies and to meet with Company personnel and the independent petroleum reserve engineers.

Barnwell of Canada's The President and Chief Operating Officer of Barnwell of Canada and Octavian Oil is a professional engineer with over 25 years of relevant experience in the oil and natural gas industry in Canada and is a member of the Association of Professional Engineers and Geoscientists of Alberta.

#### Reserves

At September 30, 2023, Barnwell's reserves were approximately 43% operated and consisted of 52% conventional oil and natural gas liquids and 48% natural gas. At September 30, 2022, Barnwell's reserves were approximately 54% operated and consisted of 56% conventional oil and natural gas liquids and 44% natural gas. This change in reserves was largely due to our Texas investment in two non-operated wells.

The amounts set forth in the following table, based on our independent reserve engineers' evaluation of our reserves, summarize our estimated proved reserves of oil (including natural gas liquids) and natural gas as of September 30, 2022 September 30, 2023 for all properties located in Canada and the U.S. in which Barnwell has an interest. All of our oil and natural gas reserves are based on constant dollar price and cost assumptions. The Company emphasizes that reserve estimates are inherently imprecise and that estimates of new discoveries and undeveloped locations are more imprecise than estimates of established proved producing oil and natural gas properties. Accordingly, these estimates are expected to change as future information becomes available. Proved oil and natural gas reserves are the estimated quantities of oil and natural gas that geological and engineering data demonstrate, with reasonable certainty, to be recoverable in future years from known reservoirs under economic and

operating conditions (i.e., prices and costs) existing at the time the estimate is made. Proved developed oil and natural gas reserves are proved reserves that can be expected to be recovered through existing wells and equipment in place and under operating methods being utilized at the time the estimates were made. No estimates of total proved net oil or natural gas reserves have been filed with, or included in reports to, any federal authority or agency, other than the SEC, since **October 1, 2021** **October 1, 2022**.

As of September 30, 2022			
	Estimated Net Proved Developed Reserves	Estimated Net Proved Undeveloped Reserves	Estimated Net Proved Reserves
Oil, including natural gas liquids (Bbls)	1,046,000	34,000	1,080,000
Natural gas (Mcf)	4,857,000	128,000	4,985,000
Total (Boe)	1,883,000	As of September 30, 2023 56,000	1,939,000
	Estimated Net Proved Developed Reserves	Estimated Net Proved Undeveloped Reserves	Estimated Net Proved Reserves
Oil, including natural gas liquids (Bbls)	1,116,000	110,000	1,226,000
Natural gas (Mcf)	6,093,000	608,000	6,701,000
Total (Boe)	2,132,000	211,000	2,343,000

During fiscal **2022**, **2023**, Barnwell's total net proved developed reserves of oil and natural gas liquids increased by **410,000** **70,000** Bbls (64% (7%)) and total net proved developed reserves of natural gas increased by **1,944,000** **1,236,000** Mcf (67% (25%)), for a combined increase of **745,000** **249,000** Boe (65% (13%)). The increase in natural gas reserves

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were primarily the result of higher oil the wells drilled in Texas and gas prices resulting in positive revisions Canada in the current year period year.

The following table sets forth Barnwell's oil and natural gas net reserves at **September 30, 2022** **September 30, 2023**, by location and property name, based on information prepared by our independent reserve engineers, as well as net production and net revenues by location and property name for the year ended **September 30, 2022** **September 30, 2023**. The reserve data in this table is based on constant dollars where reserve estimates are based on sales prices, costs and statutory tax rates in existence at **September 30, 2022**, the date using a historical average price of the projection. first day pricing of the last 12-months ending with **September 2023**.

Property Name	Property Name	As of September 30, 2022				For the year ended September 30, 2022				As of September 30, 2023				
		Net Proved		Net Proved		Net Production		Net Revenues		Net Proved		Net Proved		
		Producing	Reserves	Reserves	Net Production	Oil & NGL	Gas	Oil & NGL	Gas	Producing	Reserves	Reserves	Oil & NGL	Gas
		(MBbls)	(MMcf)	(MBbls)	(MMcf)	(MBbls)	(MMcf)	Oil & NGL	Gas	Property Name	(MBbls)	(MMcf)	(MBbls)	(MMcf)
Canada:	Canada:									Canada:				
Twining	Twining	708	2,775	875	3,358	160	611	\$13,537,000	\$2,812,000	Twining	656	3,024	813	3,882
Bonanza/Balsam	Bonanza/Balsam	25	20	25	20	4	3	334,000	18,000	Bonanza/Balsam	27	24	27	24
Kaybob	Kaybob	30	117	30	117	3	17	257,000	73,000	Kaybob	22	101	22	101
Medicine River	Medicine River	41	549	41	549	6	21	360,000	89,000	Medicine River	58	623	58	623
Thornbury	Thornbury	—	429	—	429	—	63	—	264,000	Thornbury	—	287	—	344
Wood River	Wood River	18	43	18	43	12	22	991,000	93,000	Wood River	17	33	17	33
Other properties	Other properties	—	3	1	3	3	35	113,000	144,000	Other properties	—	4	—	3
United States:	United States:									United States:				
Oklahoma	Oklahoma	90	466	90	466	42	192	2,462,000	1,034,000	Oklahoma	116	734	116	734
Texas	Texas									Texas	173	957	173	957
<b>Total</b>	<b>Total</b>	<b>912</b>	<b>4,402</b>	<b>1,080</b>	<b>4,985</b>	<b>230</b>	<b>964</b>	<b>\$18,054,000</b>	<b>\$4,527,000</b>	<b>Total</b>	<b>1,069</b>	<b>5,787</b>	<b>1,226</b>	<b>6,701</b>

Net proved reserves that are attributable to existing producing wells are primarily determined using decline curve analysis and rate transient analysis, which incorporates the principles of hydrocarbon flow. Net proved reserves attributable to producing wells with limited production history and for undeveloped locations are estimated using performance from analogous wells in the surrounding area and geologic data to assess the reservoir continuity. Technologies relied on to establish reasonable certainty of economic producibility include electrical logs, radioactivity logs, core analyses, geologic maps and available production data, seismic data and well test data.

#### Standardized Measure of Discounted Future Net Cash Flows

The following table sets forth Barnwell's "Estimated Future Net Revenues" from total proved oil, natural gas and natural gas liquids reserves located in Canada and the U.S. and the present value of Barnwell's "Estimated Future Net Revenues" (discounted at 10%) as of **September 30, 2022** **September 30, 2023**. Estimated future net revenues for total proved reserves are net of estimated future expenditures of developing and producing the proved reserves, and assume the continuation of existing economic conditions. Net revenues have been calculated using the average first-day-of-the-month price during the 12-month period ending as of the balance sheet date and current costs, after deducting all royalties, operating costs, future estimated capital expenditures (including abandonment costs), and income taxes. The amounts below include future cash flows from reserves that are currently proved undeveloped reserves and do not deduct general and administrative or interest expenses.

Year ending September 30,	Year ending September 30,		Year ending September 30,
2023		\$ 10,645,000	
2024	2024	6,976,000	2024 \$ 7,993,000
2025	2025	5,007,000	2025 5,654,000
2026			2026 3,900,000
Thereafter	Thereafter	8,206,000	Thereafter 2,413,000
Undiscounted future net cash flows, after income taxes	Undiscounted future net cash flows, after income taxes	\$ 30,834,000	Undiscounted future net cash flows, after income taxes \$ 19,960,000
Standardized measure of discounted future net cash flows	Standardized measure of discounted future net cash flows	\$ 27,878,000	Standardized measure of discounted future net cash flows \$ 19,913,000

\* This amount does not purport to represent, nor should it be interpreted as, the fair value of Barnwell's oil and natural gas reserves. An estimate of fair value would also consider, among other items, the value of Barnwell's undeveloped land position, the recovery of reserves not presently classified as proved, anticipated future changes in oil and natural gas prices (these amounts were based on a natural gas price of **\$4.12** **\$2.54** per Mcf and an oil price of **\$81.01** **\$69.66** per Bbl) and costs, and a discount factor more representative of the time value of money and the risks inherent in reserve estimates.

Barnwell has included all abandonment, decommissioning and reclamation costs and inactive well costs into the Company's reserve reports in accordance with best practice recommendations into the Company's reserve reports. recommendations.

#### Oil and Natural Gas Production

The following table summarizes (a) Barnwell's net production for the last three fiscal years, based on sales of natural gas, oil and natural gas liquids, from all wells in which Barnwell has or had an interest, and (b) the average sales prices and average production costs for such production during the same periods. Production amounts reported are net of royalties. All of Barnwell's net production in fiscal 2023 was derived in Alberta, Canada and in the U.S. states of Oklahoma and Texas. Barnwell's net production in fiscal 2022 and 2021 was derived in Alberta, Canada and in Oklahoma. Barnwell's net production in fiscal 2020 was derived in Alberta, Canada. For a discussion regarding our total annual production volumes,

average sales prices, and related production costs, see Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations."

	Year ended September 30,			Year ended September 30,		
	2022	2021	2020	2023	2022	2021
Annual net production:	Annual net production:			Annual net production:		
Natural gas (Mcf)	Natural gas (Mcf)	<b>964,000</b>	694,000	649,000	Natural gas (Mcf)	<b>1,263,000</b>
Oil (Bbls)	Oil (Bbls)	<b>182,000</b>	147,000	153,000	Oil (Bbls)	<b>204,000</b>
Natural gas liquids (Bbls)	Natural gas liquids (Bbls)	<b>48,000</b>	24,000	21,000	Natural gas liquids (Bbls)	<b>52,000</b>
Total (Boe)	Total (Boe)	<b>396,000</b>	291,000	286,000	Total (Boe)	<b>467,000</b>
Total (Mcfe)	Total (Mcfe)	<b>2,296,000</b>	1,685,000	1,658,000	Total (Mcfe)	<b>2,799,000</b>
Annual average sales price per unit of production:	Annual average sales price per unit of production:			Annual average sales price per unit of production:		
Mcf of natural gas*	Mcf of natural gas*	<b>\$4.63</b>	\$2.62	\$1.64	Mcf of natural gas*	<b>\$2.64</b>
Bbl of oil**	Bbl of oil**	<b>\$86.73</b>	\$51.74	\$33.85	Bbl of oil**	<b>\$69.77</b>
Bbl of natural gas liquids**	Bbl of natural gas liquids**	<b>\$48.06</b>	\$31.92	\$17.16	Bbl of natural gas liquids**	<b>\$32.24</b>
Annual average production cost per Boe produced***	Annual average production cost per Boe produced***	<b>\$23.66</b>	\$22.40	\$16.79	Annual average production cost per Boe produced***	<b>\$22.10</b>
Annual average production cost per Mcfe produced***	Annual average production cost per Mcfe produced***	<b>\$4.08</b>	\$3.86	\$2.89	Annual average production cost per Mcfe produced***	<b>\$3.68</b>

\* Calculated on revenues net of pipeline charges before royalty expense divided by gross production.

\*\* Calculated on revenues before royalty expense divided by gross production.

\*\*\* Calculated on production costs, excluding natural gas pipeline charges, divided by the combined total production of natural gas liquids, oil and natural gas.

#### Capital Expenditures and Acquisitions

Barnwell invested \$10,729,000 in oil and natural gas properties during fiscal 2023, including accrued capital expenditures and acquisitions of oil and natural gas properties and excluding additions and revisions to estimated asset retirement obligations. Barnwell's capital expenditures were primarily for the drilling of new wells in Texas and the Twining area.

Barnwell invested \$11,052,000 in oil and natural gas properties during fiscal 2022, including accrued capital expenditures and acquisitions of oil and natural gas properties and excluding additions and revisions to estimated asset retirement obligations. Barnwell's capital expenditures were

mostly primarily for the drilling of wells in the Twining area, and also were for facilities expansion and upgrade costs in the Twining area and the acquisition of additional working interests in several wells in the Twining area.

#### Well Drilling Activities

Barnwell invested \$2,217,000. The Company participated in oil and natural gas properties during fiscal 2021, including accrued capital expenditures and acquisitions the drilling of oil and natural gas properties and excluding additions and revisions to estimated asset retirement obligations. Barnwell's capital expenditures were mostly for the acquisition of additional working interests in several three gross (0.9 net) non-operated development wells and equipment in the Twining area of Alberta, Canada during the year ended September 30, 2023. Total capital expenditures for the year ended September 30, 2023 totaled approximately \$4,770,000 and included the drilling, completion and equipping of the three gross (0.9 net) wells along with various upgrades to the Twining facilities. Additionally, the Company participated in the drilling of two gross (0.3 net) non-operated development oil wells in Texas which began producing in late April 2023. Capital expenditures incurred for the drilling of these two wells totaled approximately \$4,293,00 during the year ended September 30, 2023. The Company did not drill or participate in the drilling of wells in Oklahoma that began in during the third quarter of fiscal 2021.

Well Drilling Activities year ended September 30, 2023.

The In fiscal 2022, the Company participated in the drilling of six gross (1.7 net) non-operated development wells in the Twining area during the year ended September 30, 2022. Capital expenditures incurred by the Company for these non-operated development wells totaled \$4,366,000 for the year ended September 30, 2022. Five gross (1.4

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net) wells were producing at September 30, 2022 and the remaining one gross (0.3 net) well is was awaiting tie-in and is expected to produce started producing in fiscal 2023. The Company drilled one gross (1.0 net) operated development well in the Twining area which was producing at September 30, 2022. Capital expenditures incurred by the Company for this operated well was \$2,852,000. The Company did not drill or participate in the drilling of wells in Oklahoma during the year ended September 30, 2022.

In fiscal 2021, the Company participated in the drilling of seven gross (0.2 net) non-operated development wells in Oklahoma. Capital expenditures incurred by the Company for these Oklahoma wells totaled \$1,178,000 for the year ended September 30, 2021. All wells were producing during the year

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ended September 30, 2022, producing 42,000 barrels of oil and natural gas liquids and 192,000 Mcf of natural gas. The Company did not drill or participate in the drilling of wells in Canada during the year ended September 30, 2021.

In fiscal 2020, the Company drilled one gross (1.0 net) horizontal development well in the Twining area. The Company did not drill or participate in the drilling of wells in Oklahoma during the year ended September 30, 2020.

#### Producing Wells

As of September 30, 2022 September 30, 2023, Barnwell had has interests in 148 145 gross (62.4 (65.7 net) producing wells in Alberta, Canada, of which 93 95 gross (55.2(59.3 net) were oil wells and 55 50 gross (7.2(6.4 net) were natural gas wells and had wells. Additionally, Barnwell has interests in seven gross (0.2 net) and two gross (0.3 net) producing oil wells in Oklahoma Oklahoma and Texas, respectively, as of September 30, 2023.

#### Developed Acreage and Undeveloped Acreage

The following table sets forth the gross and net acres of both developed and undeveloped oil and natural gas leases in Canada which Barnwell held as of September 30, 2022 September 30, 2023. The acreage of developed and undeveloped oil and natural gas leases in the U.S. are not significant and are therefore not included in the table below.

Location	Location	Developed Acreage*		Undeveloped Acreage*		Total	Developed Acreage*		Undeveloped Acreage*	Undeveloped Acreage*		Total		
		Gross	Net	Gross	Net		Gross	Net		Gross	Net			
Canada	Canada	136,220	32,890	28,400	8,210	164,620	41,100	Canada	136,220	33,980	27,110	8,710	163,330	42,690

\* "Developed Acreage" includes the acres covered by leases upon which there are one or more producing wells. "Undeveloped Acreage" includes acres covered by leases upon which there are no producing wells and which are maintained by the payment of delay rentals or the commencement of drilling thereon.

Eighty-six percent of Barnwell's undeveloped acreage is not subject to expiration at September 30, 2022 September 30, 2023. Fourteen percent of Barnwell's leasehold interests in undeveloped acreage is subject to expiration and may expire over the next five fiscal years, if not developed, as follows: 12% expire during fiscal 2023; 6% expire during fiscal 2024; no expirations during fiscal 2024 and 2025; 2% expire during fiscal 2026; and no expirations 5% expire during fiscal 2027. 2027; and 4% expire during fiscal 2028. There can be no assurance that Barnwell will be successful in renewing its leasehold interests in the event of expiration.

Much of Barnwell's undeveloped acreage includes a significant concentration in the Twining area (4,040 net acres). The remaining undeveloped acreage is at non-operated properties over which we do not have control, and the value of such acreage is not estimated to be significant at current commodity prices. Barnwell's undeveloped acreage includes a significant concentration in the Twining area (2,860 net acres).

#### Marketing of Oil and Natural Gas

Barnwell sells its Canadian oil, natural gas, and natural gas liquids production, including under short-term contracts between itself and two main oil marketers, purchasers, one natural gas purchaser, and one natural gas liquids marketer, purchaser. The prices received are freely negotiated between buyers and sellers and are

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determined from transparent posted prices adjusted for quality and transportation differentials. In fiscal 2022, over 80% 2023, 95% of Barnwell's Canadian oil and natural gas revenues were from products sold at spot prices. Barnwell does not use derivative instruments to manage price risk.

11 In November 2023, to provide partial protection against the risk of declining natural gas prices during the second half of our fiscal 2024, the Company amended certain of its Canadian purchase and sales contracts to change the sales price on a portion of the natural gas it sells to a fixed price during the period from April 1, 2024 to October 31, 2024. With these changes, the Company anticipates that during that period approximately 25% of its Canadian natural gas production will be sold at fixed prices while the remaining 75% of such production will continue to be sold at spot prices.

Additionally, in December 2023, the Company amended certain of its Canadian purchase and sales contract to change the sales price on a portion of the oil it sells to a fixed price during the period from January 1, 2024 to June 30, 2024. With these changes, the Company anticipates that during that period approximately 40% of its Canadian oil production will be sold at fixed prices while the remaining 60% of such production will continue to be sold at spot prices.

In fiscal 2022 2023 and 2021, 2022, Barnwell took most of its Canadian oil, natural gas liquids and natural gas "in kind" where Barnwell markets the products instead of having the operator of a producing property market the products on Barnwell's behalf. We sell oil, natural gas and natural gas liquids to a variety of energy marketing companies. Because our products are commodities for which there are numerous marketers, we are not dependent upon one purchaser or a small group of purchasers. Accordingly, the loss of any single purchaser would not materially affect our revenues.

#### Governmental Regulation

The jurisdictions in which the oil and natural gas properties of Barnwell are located have regulatory provisions relating to permits for the drilling of wells, the spacing of wells, the prevention of oil and natural gas waste, allowable rates of production, environmental protection, and other matters. The amount of oil and natural gas produced is subject to control by regulatory agencies in each province. The province of Alberta and the Government of Canada also monitor the volume of natural gas that may be removed from the province and the conditions of removal; currently all our Canadian natural gas is sold within Alberta.

All of Barnwell's Canadian gross revenues were derived from properties located within Alberta, which charges oil and natural gas producers a royalty for production within the province. Provincial royalties are calculated as a percentage of revenue and vary depending on production volumes, selling prices and the date of discovery. Barnwell also pays gross overriding royalties and leasehold royalties on a portion of its oil and natural gas sales to parties other than the province of Alberta.

In January 2016, the Alberta Royalty Panel recommended a new modernized Alberta royalty framework which applies to wells drilled on or after January 1, 2017. The previous royalty framework will continue to apply to wells drilled prior to January 1, 2017 for a period of ten years, after which they will fall under the current royalty framework. Under the current royalty framework for newly drilled wells, the same royalty calculation applies to both oil and natural gas wells whereas the previous royalty framework had different royalties applicable to each category, and royalties are determined on a revenue minus cost basis where producers pay a flat royalty rate of 5% of gross revenues until a well reaches payout after which an increased post-payout royalty applies. Post payout royalties vary with commodity prices and are adjusted down for cost increases as wells age. well production rates.

In fiscal 2022 and 2021, 67% and 45%, respectively, 2023, 76% of Canadian royalties were related to Alberta government charges and 33% and 55%, respectively, 24% of royalties were related to freehold, override overriding royalties and other charges which are not directly affected by the Alberta royalty framework. charges.

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In fiscal 2022, 2023, the weighted-average royalty rate paid on all of Barnwell's Canadian natural gas was 12% 10%, and the weighted-average royalty rate paid on oil was 17%. In fiscal 2022, 2023, the weighted-average royalty rate paid on all of Oklahoma's and Texas's production was 23% and 26%, respectively.

In June 2021, the AER announced that the previous Licensee Liability Program ("LLP") would be replaced by the a Licensee Life-Cycle Management Program via a Licensee Capability Assessment ("LCA"). The LCA is intended to be a more comprehensive assessment of corporate health and considers a wider variety of factors than those considered under the LLP and establishes clear expectations for industry with regards to the management of liabilities throughout the entire lifecycle of oil and gas projects. Factors considered are grouped into six factor groups, these being current financial distress, liability magnitude, resources lifespan, operations compliance, closure efficiency, and administrative compliance. These factors are compared to peer operators and ranked into three "Tiers." Barnwell's assessment under the LCA Program

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is currently favorable with Tier 1 or 2 overall rankings in the six factor groups. Barnwell believes it can continue to manage its operations to maintain a favorable ranking. Importantly, an inventory reduction program also has been implemented which requires mandatory annual minimum expenditures towards outstanding decommissioning and reclamation obligations in accordance with five-year rolling spending targets. Currently, these AER targets which are forecast adjusted by the AER to increase by 9% per year. on an annual basis. The target for 2024 is 6.6% of an individual company's inactive liability. These targets became effective January 1, 2022. Barnwell believes the targets assessed by the AER are within estimated forecasts for Barnwell's future ARO spending and therefore the Company will be in compliance with spend targets under the Inventory Reduction Program.

In September 2019, the AER issued an abandonment/closure order for all wells and facilities in the Manyberries area which had been largely operated by LGX, an operating company that went into receivership in 2016. The estimated asset retirement obligation for the Company's interest in the wells and facilities in the Manyberries area is included in "Asset retirement obligation" in the Consolidated Balance Sheets.

Recently, After the abandonment/closure order was issued for Manyberries, the OWA created a WIP Working Interest Partners ("WIP") program for specific areas where there are a significant number of orphaned wells to abandon. The OWA has the ability and expertise to abandon wells using its internal resources and network of service providers resulting in efficiencies that companies such as Barnwell would not be able to obtain on its own. Under the WIP program, the Company would be required to provide payment for only Barnwell's working interest share, however, all WIP's would

have to participate in the program for the OWA to begin its work. In March 2021, the Company was notified by the OWA that Barnwell's Manyberries wells were confirmed to be in the WIP program.

Under the ~~new~~ agreement with the OWA, the Company is required to pay the abandonment and reclamation costs in advance through a cash deposit. The total cash deposit amount was calculated to be approximately \$1,525,000 and the Company paid \$888,000 of the total deposit in July and August 2021 and ~~will~~ ~~may~~ need to pay the remaining balance of \$637,000 by August ~~2023~~, ~~2024~~. The Company revised its Manyberries ARO liability based on the OWA's revised abandonment and reclamation ~~estimates, which resulted in an increase of approximately \$213,000 in the year ended September 30, 2021. The increase in the ARO liability was a result of higher reclamation and remediation costs than anticipated, partially offset by lower abandonment estimates.~~ Based on a review of the details of the cash deposit calculation provided by the OWA, which includes amounts added for possible contingencies, the Company believes the required cash deposit amount by the OWA is higher than the actual costs of the asset retirement obligation for the Manyberries wells and that any excess of the deposit over actual asset retirement costs for the first phase of the work would be credited toward the second phase of the work. A remaining excess deposit, if any, would ultimately be refunded to the Company upon completion of all of the work. As at ~~September 30, 2022~~ ~~September 30, 2023~~, the Company recognized a cumulative reduction in the deposit balance of ~~\$113,000~~ ~~\$300,000~~ for work performed under this program.

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Over the past ~~five~~ ~~seven~~ years, the Company has worked to reduce its abandonment and reclamation obligations associated with its oil and natural gas segment, both by divesting low-productivity assets and actively closing wells and sites. ~~Sixteen~~ Barnwell operated ~~Twenty-three~~ Barnwell-operated sites have been certified as fully reclaimed or exempt since 2016. To aid in this regard, and as a stimulus response to the COVID-19 pandemic, the Canadian Federal Government created and funded the Alberta-administered Site Rehabilitation Program ("SRP") in spring 2020. The SRP has been designed to reduce oil and gas industry liabilities by funding vendors who perform closure work. In partnership with its vendors, Barnwell-operated sites have received \$388,000 in net funding to date, to be directed to ARO reduction activities. Barnwell has further benefited from grants allocated to its non-operated property partners amounting to \$120,000.

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### *Competition*

Barnwell competes in the sale of oil and natural gas on the basis of price and on the ability to deliver products. The oil and natural gas industry is intensely competitive in all phases, including the acquisition and development of new production and reserves and the acquisition of equipment and labor necessary to conduct drilling activities. The competition comes from numerous major oil companies as well as numerous other independent operators. There also is competition between the oil and natural gas industry and other industries in supplying the energy and fuel requirements of industrial, commercial and individual consumers. Barnwell is a minor participant in the industry and competes in its oil and natural gas activities with many other companies having far greater financial, technical and other resources.

### **Land Investment Segment**

#### *Overview*

Barnwell owns a 77.6% interest in Kaupulehu Developments, a Hawaii general partnership ("Kaupulehu Developments") that has the right to receive payments from KD I and KD II resulting from the sale of lots and/or residential units by KD I and KD II within the approximately 870 acres of the Kaupulehu Lot 4A area in two increments ("Increment I" and "Increment II"), located approximately six miles north of the Kona International Airport in the North Kona District of the island of Hawaii. Kaupulehu Developments also holds an interest in approximately 1,000 acres of vacant leasehold land zoned conservation located adjacent to Lot 4A under a lease that terminates in December 2025, which currently has no development potential without both a development agreement with the lessor and zoning reclassification.

Barnwell, through two limited liability limited partnerships, KD Kona and KKM Makai ("KKM"), holds a non-controlling ownership interest in the Kukio Resort Land Development Partnerships comprised of KD Kukio Resorts, KD Maniniowali, and KDK. The Kukio Resort Land Development Partnerships own certain real estate and development rights interests in the Kukio, Maniniowali and Kaupulehu portions of Kukio Resort, a private residential community on the Kona coast of the island of Hawaii, as well as Kukio Resort's real estate sales office operations. KDK holds interests in KD I and KD II. KD I is the developer of Increment I, and KD II is the developer of Increment II. Barnwell's ownership interests in the Kukio Resort Land Development Partnerships are accounted for using the equity method of accounting.

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#### *Operations*

In the 1980s, Kaupulehu Developments obtained the state and county zoning changes necessary to permit development of the Four Seasons Resort Hualalai at Historic Ka`upulehu and Hualalai Golf Club, which opened in 1996, a second golf course, and single-family and multi-family residential units. These projects were developed by an unaffiliated entity on leasehold land acquired from Kaupulehu Developments.

In the 1990s and 2000s, Kaupulehu Developments obtained the state and county zoning changes necessary to permit development of single-family and multi-family residential units, a golf course and a limited commercial area on approximately 870 leasehold acres, known as Lot 4A, zoned for resort/residential development, located adjacent to and north of the Four Seasons Resort Hualalai at Historic Ka`upulehu. In 2004 and 2006, Kaupulehu Developments sold its leasehold interest in Kaupulehu Lot 4A to KD I's and KD II's predecessors in interest, which was prior to Barnwell's affiliation with KD I and KD II.

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II which commenced on November 27, 2013, the acquisition date of our ownership interest in the Kukio Resort Land Development Partnerships.

Increment I is an area of 80 single-family lots, 78 of which were sold from 2006 to 2022, 2023, and a beach club on the portion of the property bordering the Pacific Ocean. The purchasers of the 80 single-family lots also have the right to apply for membership in the Kuki`o Golf and Beach Club, which is located adjacent to and south of the Four Seasons Resort Hualalai at Historic Ka`upulehu. Increment II is the remaining portion of the approximately 870-acre property and is zoned for single-family and multi-family residential units and a golf course and clubhouse. Two residential lots of approximately two to three acres in size fronting the ocean were developed within Increment II and sold by KD II, and the remaining acreage within Increment II is not yet under development. It is uncertain when or if KD II will develop the other areas of Increment II, and there is no assurance with regards to the amounts of future sales from Increments I and II. The remaining 420 developable acres at Increment II are entitled for up to 350 homesites. No definitive development plans have been made by KDII, the developer of Increment II, as of the date of this report.

Kaupulehu Developments is entitled to receive payments from KD I based on 10% of the gross receipts from KD I's sales of single-family residential lots in Increment I. In fiscal 2022, six 2023, one single-family lots were lot was sold and two single-family lots, of the 80 lots developed within Increment I, remained to be sold as of September 30, 2022 September 30, 2023. The developer had consolidated these two remaining lots into one large lot but has since split them back into the original two lots.

In March 2019, KD II admitted a new development partner, Replay Kaupulehu Development, LLC ("Replay"), a party unrelated to Barnwell, in an effort to move forward with development of the remainder of Increment II at Kaupulehu. KDK and Replay hold ownership interests of 55% and 45%, respectively, of KD II and Barnwell has a 10.8% indirect non-controlling ownership interest in KD II through KDK, which is accounted for using the equity method of accounting. Barnwell continues to have an indirect 19.6% non-controlling ownership interest in KD Kukio Resorts, KD Maniniowali, and KD I.

Under the terms of the Increment II agreement with KD II, Kaupulehu Developments is entitled to 15% of the distributions of KD II, the cost of which is to be solely borne by KDK out of its 55% ownership interest in KD II, plus a priority payout of 10% of KDK's cumulative net profits derived from Increment II sales subsequent to Phase 2A, up to a maximum of \$3,000,000 as to the priority payout. Such interests are limited to distributions or

net profits interests and Barnwell does not have any partnership interests in KD II or KDK through its interest in Kaupulehu Developments. The arrangement

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also gives Barnwell rights to three single-family residential lots in Phase 2A of Increment II, and four single-family residential lots in phases subsequent to Phase 2A when such lots are developed by KD II, all at no cost to Barnwell. Barnwell is committed to commence construction of improvements within 90 days of the transfer of the four lots in the phases subsequent to Phase 2A as a condition of the transfer of such lots. Also, in addition to Barnwell's existing obligations to pay professional fees to certain parties based on percentages of its gross receipts, Kaupulehu Developments also is obligated to pay an amount equal to 0.72% and 0.2% of the cumulative net profits of KD II to KD Development and a pool of various individuals, respectively, all of whom are partners of KKM and are unrelated to Barnwell, in compensation for the agreement of these parties to admit the new development partner, **Replay**, for Increment II. Such compensation will be reflected as the obligation becomes probable and the amount of the obligation can be reasonably estimated.

In fiscal **2022, 2023**, the Kukio Resort Land Development Partnerships sold **six lots** **one lot** in Increment I and as a result of the lot **sales, sale**, made cash distributions to its partners of which Barnwell received **\$3,400,000** **\$758,000** resulting in a net amount of **\$3,028,000**, **\$674,000**, after distributing **\$372,000** **\$84,000** to non-controlling interests.

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### *Competition*

Barnwell's land investment segment is subject to intense competition in all phases of its operations including the acquisition of new properties, the securing of approvals necessary for land rezoning, and the search for potential buyers of property interests presently owned. The competition comes from numerous independent land development companies and other industries involved in land investment activities. The principal factors affecting competition are the location of the project and pricing. Barnwell is a minor participant in the land development industry and competes in its land investment activities with many other entities having far greater financial and other resources.

### **Contract Drilling Segment**

#### *Overview*

Barnwell's wholly-owned subsidiary, Water Resources, drills water and water monitoring wells of varying depths in Hawaii, installs and repairs water pumping systems, and is the distributor for Trillium Flow Technologies, previously known as Floway, pumps and equipment in the state of Hawaii.

#### *Operations*

Water Resources owns and operates three water well drilling rigs, two pump rigs and other ancillary drilling and pump equipment. Additionally, Water Resources leases month-to-month a storage facility in Honolulu, Hawaii, and **leases** a one-acre maintenance and storage facility with 2,800 square feet of interior space in Kawaihae, **Hawaii**, and a one-half acre equipment storage yard in Waimea, **Hawaii**. Water Resources also maintains an inventory of uninstalled materials for jobs in progress and an inventory of drilling materials and pump supplies.

Water Resources currently operates in Hawaii and is not subject to seasonal fluctuations. The demand for Water Resources' services is primarily dependent upon land development activities in Hawaii. Water Resources markets its services to land developers and government agencies, and identifies potential contracts through public notices, **its officers' involvement in the community** and referrals. Contracts are usually fixed price per lineal foot drilled and are negotiated with private entities or obtained through competitive bidding with private entities or local, state and federal agencies. Contract revenues are not dependent upon the discovery of water or other

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similar targets, and contracts are not subject to renegotiation of profits or termination at the election of the governmental entities involved. Contracts provide for arbitration in the event of disputes.

During In fiscal 2023, Water Resources sold a drilling rig to an independent third party for proceeds of \$551,000, net of related costs, and recognized a \$551,000 gain on the sale of the drilling rig during the year ended September 30, 2022 September 30, 2023, as the rig was fully depreciated. In fiscal 2022, Water Resources sold a drilling rig and related ancillary equipment to an independent third party for proceeds of \$687,000, net of related costs, which was equivalent to its net carrying value. No drilling rigs were sold in fiscal 2021.

In October 2022, Water Resources sold an additional drilling rig to an independent third party for proceeds of \$551,000, net of related costs and accordingly, the Company will recognize a \$551,000 gain on the sale of the drilling rig in the first quarter of fiscal 2023 ending December 31, 2022 as the rig was fully depreciated.

In fiscal 2022, 2023, Water Resources started two well drilling and four three pump installation and repair contracts and completed three well drilling and three nine pump installation and repair contracts. Of the three

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completed well drilling contracts, two were started in fiscal 2021 and one was started in fiscal 2018 and two were started in fiscal 2019, 2022. Of the three nine completed pump installation and repair contracts, one was started in fiscal 2016, 2015, one was started in fiscal 2020, 2017, two were started in fiscal 2021, two were started in fiscal 2022, and one was three were started in the current year. Fifty-two percent of well drilling and pump installation and repair jobs, representing 59% 8% of total contract drilling revenues in fiscal 2022, 2023, have been pursuant to government contracts.

At September 30, 2022 September 30, 2023, there was a backlog of seven four well drilling and 14 seven pump installation and repair contracts, of which four three well drilling and 10 four pump installation and repair contracts were in progress as of September 30, 2022 September 30, 2023.

The approximate dollar amount of Water Resources' backlog of firm well drilling and pump installation and repair contracts at December 1, 2022 December 1, 2023 and 2021, 2022 was as follows:

		December 1,				December 1,				
		2022		2021		2023		2022		
		Well drilling	Well drilling	\$	10,000,000	\$	8,000,000	Well drilling	\$	5,900,000
Well drilling	Well drilling	\$	10,000,000	\$	8,000,000	Well drilling	\$	5,900,000	\$	10,000,000
Pump installation and repair	Pump installation and repair	\$	1,200,000	\$	1,500,000	Pump installation and repair	\$	900,000	\$	1,200,000
		\$	11,200,000	\$	9,500,000		\$	6,800,000	\$	11,200,000

Of the contracts in backlog at December 1, 2022 December 1, 2023, \$8,600,000 \$6,300,000 is expected to be recognized in fiscal 2023, 2024 with the remainder to be recognized in the following fiscal year.

#### Sale of Water Resources

In December 2023, the Company entered into an agreement with a construction company for the sale of Water Resources for gross proceeds of \$2,000,000, subject to customary post-closing price adjustments and the purchaser's completion of due diligence. The sale is expected to close in the first half of our fiscal 2024.

#### Competition

Water Resources competes with other drilling contractors in Hawaii, some of which use drill rigs similar to Water Resources'. These competitors also are capable of installing and repairing vertical turbine and submersible water pumping systems in Hawaii. These contractors compete actively with Water Resources for government and private contracts. Pricing is Water Resources' major method of competition; reliability of service also is a significant factor.

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Competitive pressures are expected to remain high, thus there is no assurance that the quantity or values of available or awarded jobs which occurred in fiscal **2022** **2023** will continue.

#### **Financial Information About Industry Segments and Geographic Areas**

Note 11 in the "Notes to Consolidated Financial Statements" in Item 8 contains information on our segments and geographic areas.

#### **Employees**

At **December 1, 2022** **December 1, 2023**, Barnwell employed **35** **37** individuals; **34** **36** on a full time basis and 1 on a part-time basis.

#### **Environmental Costs**

Barnwell is subject to extensive environmental laws and regulations. U.S. Federal and state and Canadian Federal and provincial governmental agencies issue rules and regulations and enforce laws to protect the environment which are often difficult and costly to comply with and which carry substantial penalties for failure to comply, particularly in regard to the discharge of materials into the environment.

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These laws, which are constantly changing, regulate the discharge of materials into the environment and maintenance of surface conditions and may require Barnwell to remove or mitigate the environmental effects of the disposal or release of petroleum or chemical substances at various sites where it has a working interest.

For further information on environmental remediation, see the Contingencies section included in Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations" and the notes to our consolidated financial statements included in Item 8, "Financial Statements and Supplementary Data."

#### **Available Information**

We maintain a website at [www.brninc.com](http://www.brninc.com). We make available on our website free of charge our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and any amendments to those reports as soon as practicable after we electronically file such reports with, or furnish them to, the SEC. The contents of our website are not part of this Annual Report on Form 10-K and are not incorporated by reference into this document. Our filings with the SEC are available to the public through the SEC's website at [www.sec.gov](http://www.sec.gov). The Company's references to URLs for these websites are intended to be textual references only.

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#### **ITEM 1A. RISK FACTORS**

The business of Barnwell and its subsidiaries face numerous risks, including those set forth below or those described elsewhere in this Form 10-K or in Barnwell's other filings with the SEC. The risks described below are not the only risks that Barnwell faces. If any of the following risk factors should occur, our profitability, financial condition or liquidity could be materially negatively impacted.

#### *Entity-Wide Risks*

##### **Our business operations and financial condition have been and may continue to be materially and adversely affected by the outbreak of novel strains of coronavirus.**

In March 2020, the World Health Organization declared the COVID-19 outbreak a global pandemic and the U.S. and Canadian governments declared the virus a national emergency shortly thereafter. The ongoing global health crisis (including resurgences) resulting from the pandemic have, and continue to, disrupt the normal operations of many businesses, including the temporary closure or scale-back of business operations and/or the imposition of either quarantine or remote work or meeting requirements for employees, either by government order or on a voluntary basis. While the outbreak recently appeared to be trending downward, particularly as vaccination rates increased, new variants of COVID-19 continue emerging, including the Omicron variants, spreading throughout the U.S. and globally and causing significant disruptions. The global economy, our markets and our business have been, and may continue to be, materially and adversely affected by COVID-19.

The COVID-19 outbreak materially and adversely affected our business operations and financial condition as a result of the deteriorating market outlook, the global economic recession and weakened liquidity. Although demand for oil and oil prices has increased significantly from the lows of March through May of 2020, uncertainty regarding future oil prices continues to exist. While the Company's contract drilling segment remained operational throughout fiscal 2020 and 2021 and continues to work, the continuing potential impact of COVID-19 on the health of our contract drilling segment's crews is uncertain, and any work stoppage or discontinuation of contracts currently in backlog could result in a material adverse impact to the Company's financial condition and outlook. Though availability of vaccines and reopening of state and local economies has improved the outlook for recovery from COVID-19's impacts, the impact of new, more contagious or lethal variants that may emerge, and the effectiveness of COVID-19 vaccines against variants and the related responses by governments, including reinstated government-imposed lockdowns or other measures, cannot be predicted at this time. Both the health and economic aspects of the COVID-19 pandemic remain highly fluid and the future course of each is uncertain. We cannot foresee whether the outbreak of COVID-19 will be effectively contained on a sustained basis, nor can we predict the severity and duration of its impact. If the impact of COVID-19 is not effectively and timely controlled on a sustained basis going forward, our business operations and financial condition may be materially and adversely affected by factors that we cannot foresee. Any of these factors and other factors beyond our control could have an adverse effect on the overall business environment, cause uncertainties in the regions where we conduct business, cause our business to suffer in ways that we cannot predict and materially and adversely impact our business, financial condition and results of operations.

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##### **There may be adverse effects on the value of your investment from our use of our Tax Benefits Preservation Plan.**

In October 2022, subsequent to the end of our 2022 fiscal year, our Board of Directors adopted a Tax Benefits Preservation Plan designed to protect the availability of the Company's existing net operating loss carryforwards and certain other tax attributes by discouraging persons or groups of persons from acquiring ownership of our common stock in a manner that could trigger an "ownership change" for purposes of Sections 382 and 383 of the Internal Revenue Code (the "Code").

The Tax Benefits Preservation Plan may have an "anti-takeover effect" because it may deter a person or group of persons from acquiring beneficial ownership of 4.95% or more of our outstanding common stock or, in the case of a person or group of persons that already own 4.95% or more of our outstanding common stock, from acquiring any additional common stock. The Tax Benefits Preservation Plan could discourage or prevent a merger, tender offer, proxy contest or accumulations of substantial blocks of shares of our common stock, and, notwithstanding its purpose, could adversely affect our stockholders' ability to realize a premium over the then-prevailing market price for our common stock in connection with any such transactions or actions. In addition, because our Board of Directors may consent to certain transactions, the Tax Benefits Preservation Plan gives our Board of Directors significant discretion over whether a potential acquirer's efforts to acquire a large interest in us will be successful.

Additionally, a stockholder's ability to dispose of our common stock may be limited if the Tax Benefits Preservation Plan reduces the number of persons willing to acquire our common stock or the amount they are willing to acquire. Thus, the Tax Benefits Preservation Plan could severely reduce liquidity of our common stock, negatively impacting the value of your investment. A stockholder also may become a greater than 4.95% stockholder

upon actions taken by persons related to, or affiliated with, that stockholder. Stockholders are advised to carefully monitor their ownership of our common stock and consult their own legal advisors and/or us to determine whether their ownership of common stock approaches the proscribed level.

There can be no assurance that the Tax Benefits Preservation Plan will prevent an "ownership change" within the meaning of Sections 382 and 383 of the Code, in which case we may lose all or most of the anticipated tax benefits associated with our prior losses.

**Stockholders may be diluted significantly through our efforts to obtain financing, satisfy obligations through the issuance of securities or use our stock as consideration in certain transactions.**

Our Board of Directors has authority, without action or vote of the stockholders, subject to the requirements of the NYSE American and applicable law, to issue all shares of our common stock or warrants or other instruments to purchase such shares of our common stock. In addition, we may raise capital by selling shares of our common stock, possibly at a discount to market in the future. These actions would result in dilution of the ownership interests of existing stockholders and may further dilute common stock book value, and that dilution may be material. A related effect of such issuances may enhance existing large stockholders' influence on the Company, including that of Alexander Kinzler, our Chief Executive Officer.

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**A small number of stockholders, including our CEO, own a significant amount of our common stock and may have influence over the Company.**

As of **September 30, 2022** **September 30, 2023**, the CEO, who is a member of the Board of Directors, and two other stockholders hold approximately **39%** **44%** of our outstanding common stock. The interests of one or more of these stockholders may not always coincide with the interests of other stockholders. These stockholders have significant influence over all matters submitted to our stockholders, including the election of our directors, and could accelerate, delay, deter or prevent a change of control of the Company.

**Our operations are subject to currency rate fluctuations.**

Our operations are subject to fluctuations in foreign currency exchange rates between the U.S. dollar and the Canadian dollar. Our financial statements, presented in U.S. dollars, may be affected by foreign currency fluctuations through both translation risk and transaction risk. Volatility in exchange rates may adversely affect our results of operations, particularly through the weakening of the U.S. dollar relative to the Canadian dollar which may affect the relative prices at which we sell our oil and natural gas and may affect the cost of certain items required in our operations. To date, we have not entered into foreign currency hedging transactions to control or minimize these risks.

**Adverse changes in actuarial assumptions used to calculate retirement plan costs due to economic or other factors, or lower returns on plan assets could adversely affect Barnwell's results and financial condition.**

Retirement plan cash funding obligations and plan expenses and obligations are subject to a high degree of uncertainty and could increase in future years depending on numerous factors, including the performance of the financial markets, specifically the equity markets, levels of interest rates, and the cost of health care insurance premiums.

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**The price of our common stock has been volatile and could continue to fluctuate substantially.**

The market price of our common stock has been volatile and could fluctuate based on a variety of factors, including:

- fluctuations in commodity prices;
- variations in results of operations;
- announcements by us and our competitors;
- legislative or regulatory changes;

- general trends in the industry;
- general market conditions;
- litigation; and
- other events applicable to our industries.

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#### **Failure to retain key personnel could hurt our operations.**

We require highly skilled and experienced personnel to operate our business. In addition to competing in highly competitive industries, we compete in a highly competitive labor market. Our business could be adversely affected by an inability to retain personnel or upward pressure on wages as a result of the highly competitive labor market. Further, there are significant personal liability risks to Barnwell of Canada's individual officers and directors related to well clean-up costs that may affect our ability to attract or retain the necessary people.

**We are a smaller reporting company and benefit from certain reduced governance and disclosure requirements, including that our independent registered public accounting firm is not required to attest to the effectiveness of our internal control over financial reporting. We cannot be certain if the omission of reduced disclosure requirements applicable to smaller reporting companies will make our common stock less attractive to investors.**

Currently, we are a "smaller reporting company," meaning that our outstanding common stock held by nonaffiliates had a value of less than \$250 million at the end of our most recently completed second fiscal quarter. As a smaller reporting company, we are not required to comply with the auditor attestation requirements of Section 404 of the Sarbanes-Oxley Act, meaning our auditors are not required to attest to the effectiveness of the Company's internal control over financial reporting. As a result, investors and others may be less comfortable with the effectiveness of the Company's internal controls and the risk that material weaknesses or other deficiencies in internal controls go undetected may increase. In addition, as a smaller reporting company, we take advantage of our ability to provide certain other less comprehensive disclosures in our SEC filings, including, among other things, providing only two years of audited financial statements in annual reports and simplified executive compensation disclosures. Consequently, it may be more challenging for investors to analyze our results of operations and financial prospects, as the information we provide to stockholders may be different from what one might receive from other public companies in which one hold shares. As a smaller reporting company, we are not required to provide this information.

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#### **We face various risks and uncertainties related to public health crises, including the COVID-19 pandemic. The COVID-19 pandemic and its consequences may have a material adverse effect on us.**

We face various risks and uncertainties related to public health crises, including the global COVID-19 pandemic, which has disrupted financial markets and significantly impacted worldwide economic activity. The future impact of the COVID-19 pandemic as well as mandatory and voluntary actions taken to mitigate the public health impact of the pandemic may have a material adverse effect on our financial condition. The COVID-19 pandemic and social and governmental responses to the pandemic have caused, and may continue to cause, severe economic, market and other disruptions worldwide. Although the COVID-19 pandemic and related societal and government responses have not, to date, had a material impact on our business or financial results, the extent to which COVID-19 and related actions may, in the future, impact our operations cannot be predicted with any degree of confidence. As a result, we cannot at this time predict the direct or indirect impact on us of the COVID-19 pandemic, but it could have a material adverse effect on our business, financial condition, liquidity, results of operations and prospects.

#### *Risks Related to Oil and Natural Gas Segment*

#### **Acquisitions or discoveries of additional reserves are needed to increase our oil and natural gas segment operating results and cash flow.**

In August 2018, Barnwell made a significant reinvestment into its oil and natural gas segment with the acquisition of the Twining property in Alberta, Canada. The Company believes there are potential undeveloped reserves for which significant future capital expenditures will be needed to convert those potential undeveloped reserves into developed reserves. If future circumstances are such that we are not able to make the capital expenditures necessary to convert potential undeveloped reserves to developed reserves, we will not replace the amount of reserves produced and sold and our reserves and oil and natural gas segment operating results and cash flows will decline accordingly, and we may be forced to sell some of our oil and natural gas segment assets under untimely or unfavorable terms. Any such curtailment or sale could have a material adverse effect on our business, financial condition and results of operations.

Future oil and natural gas operating results and cash flow are highly dependent upon our level of success in acquiring or finding additional reserves on an economic basis. We cannot guarantee that we will be successful in developing or acquiring additional reserves and our current financial resources may

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be insufficient to make such investments. Furthermore, if oil or natural gas prices increase, our cost for additional reserves also could increase.

**We may not realize an adequate return on oil and natural gas investments.**

Drilling for oil and natural gas involves numerous risks, including the risk that we will not encounter commercially productive oil or natural gas reservoirs. The wells we drill or participate in may not be productive, and we may not recover all or any portion of our investment in those wells. If future oil and natural gas segment acquisition and development activities are not successful it could have an adverse effect on our future results of operations and financial condition.

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**Oil and natural gas prices are highly volatile and further declines, or extended low prices will significantly affect our financial condition and results of operations.**

Much of our revenues and cash flow are greatly dependent upon prevailing prices for oil and natural gas. Lower oil and natural gas prices not only decrease our revenues on a per unit basis, but also reduce the amount of oil and natural gas we can produce economically, if any. Prices that do not produce sufficient operating margins will have a material adverse effect on our operations, financial condition, operating cash flows, borrowing ability, reserves, and the amount of capital that we are able to allocate for the acquisition and development of oil and natural gas reserves.

Various factors beyond our control affect prices of oil and natural gas including, but not limited to, changes in supply and demand, market uncertainty, weather, worldwide political instability, foreign supply of oil and natural gas, the level of consumer product demand, government regulations and taxes, the price and availability of alternative fuels and the overall economic environment. Energy prices also are subject to other political and regulatory actions outside our control, which may include changes in the policies of the Organization of the Petroleum Exporting Countries or other developments involving or affecting oil-producing countries, or actions or reactions of the government of the U.S. in anticipation of or in response to such developments.

**The inability of one or more of our working interest partners to meet their obligations may adversely affect our financial results.**

For our operated properties, we pay expenses and bill our non-operating partners for their respective shares of costs. Some of our non-operating partners may experience liquidity problems and may not be able to meet their financial obligations. Nonperformance by a non-operating partner could result in significant financial losses.

Liquidity problems encountered by our working interest partners or the third party operators of our non-operated properties also may result in significant financial losses as the other working interest partners or third party operators may be unwilling or unable to pay their share of the costs of projects as they become due. In the event a third party operator of a non-operated property becomes insolvent, it may result in increased operating expenses and cash required for abandonment liabilities if the Company is required to take over operatorship.

**We may incur material costs to comply with or as a result of health, safety, and environmental laws and regulations.**

The oil and natural gas industry is subject to extensive environmental regulation pursuant to local, provincial and federal legislation. A violation of that legislation may result in the imposition of fines or the issuance of "clean up" orders. Legislation regulating the oil and natural gas industry may be changed to impose higher standards and potentially more costly obligations. Although we have recorded a provision in our financial statements relating to our estimated future environmental and reclamation obligations that we believe is reasonable, we cannot guarantee that we will be able to satisfy our actual future environmental and reclamation obligations.

Barnwell's oil and natural gas segment is subject to the provisions of the AER's Licensee Life-Cycle Management Program via a Licensee Capability Assessment ("LCA"). Under this program the AER assesses the corporate health of the Company and considers a wider variety of factors than those considered under the previous program. The LCA establishes clear expectations for industry with regards

to the management of liabilities throughout the entire lifecycle of oil and gas projects. Factors considered are grouped into six factor groups, these being current financial distress, liability magnitude, resources lifespan, operations compliance, closure efficiency and administrative compliance. These factors are compared to peer operators and ranked into three "Tiers". Under the LCA Program, an inventory reduction program has also been implemented which requires mandatory annual minimum expenditures towards outstanding decommissioning and reclamation obligations in accordance with ~~five-year rolling spending~~ AER targets which are ~~currently forecasted~~ ~~adjusted~~ by the AER to increase by approximately 9% per year. ~~on an annual basis. The target for 2024 is 6.6% of an individual company's inactive liability.~~ These targets became effective January 1, 2022.

The AER may require purchasers of AER licensed oil and natural gas assets to be within Tiers 1 or 2 overall rankings in the six factors group. This requirement for well transfers hinders our ability to generate capital by selling oil and natural gas assets as there are less qualified buyers.

The AER may require the Company to provide a security deposit if assessed at Tier 3. Diverting funds to the AER in the future would result in the diversion of cash on hand and operating cash flows that could otherwise be used to fund oil and natural gas reserve replacement efforts, which could in turn have a material adverse effect on our business, financial condition and results of operations. If Barnwell fails to comply with the requirements of the LCA program, Barnwell's oil and natural gas subsidiary would be subject to the AER's enforcement provisions which could include suspension of operations and non-compliance fees and could ultimately result in the AER serving the Company with a closure order to shut-in all operated wells. Additionally, if Barnwell is non-compliant, the Company would be prohibited from transferring well licenses which would prohibit us from selling any oil and natural gas assets until the required cash deposit is made with the AER.

We are not fully insured against certain environmental risks, either because such insurance is not available or because of high premium costs. In particular, insurance against risks from environmental pollution occurring over time, as opposed to sudden and catastrophic damages, is not available on economically reasonable terms. Accordingly, any site reclamation or abandonment costs actually incurred in the ordinary course of business in a specific period could negatively impact our cash flow. Should we be unable to fully fund the cost of remedying an environmental problem, we might be required to suspend operations or enter into interim compliance measures pending completion of the required remedy.

**We may fail to fully identify potential problems related to acquired reserves or to properly estimate those reserves.**

We periodically evaluate acquisitions of reserves, properties, prospects and leaseholds and other strategic transactions that appear to fit within our overall business strategy. Our evaluation includes an assessment of reserves, future oil and natural gas prices, operating costs, potential for future

drilling and production, validity of the seller's title to the properties and potential environmental issues, litigation and other liabilities.

In connection with these assessments, we perform a review of the subject properties that we believe to be generally consistent with industry practices. Our review will not reveal all existing or potential problems nor will it permit us to become sufficiently familiar with the properties to fully assess their deficiencies and potential recoverable reserves. Inspections may not always be performed on every well, and environmental problems are not necessarily observable even when an inspection is undertaken. Even when problems are identified, the seller of the properties may be unwilling or unable to provide effective contractual protection against all or part of the problems. We often are not entitled to contractual

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indemnification for environmental liabilities or title defects in excess of the amounts claimed by us before closing and acquire properties on an "as is" basis.

There are numerous uncertainties inherent in estimating quantities of proved oil and gas reserves and future production rates and costs with respect to acquired properties, and actual results may vary substantially from those assumed in the estimates.

**If oil and natural gas prices decline and remain low, we may be required to take write-downs of the carrying values of our oil and natural gas properties.**

Oil and natural gas prices affect the value of our oil and natural gas properties as determined in our full cost ceiling calculation. Any future ceiling test write-downs will result in reductions of the carrying value of our oil and natural gas properties and an equivalent charge to earnings.

**The oil and natural gas industry is highly competitive.**

We compete for capital, acquisitions of reserves, undeveloped lands, skilled personnel, access to drilling rigs, service rigs and other equipment, access to processing facilities, pipeline capacity and in many other respects with a substantial number of other organizations, most of which have greater technical and financial resources than we do. Some of these organizations explore for, develop and produce oil and natural gas, carry on refining operations and market oil and other products on a worldwide basis. As a result of these complementary activities, some of our competitors may have competitive resources that are greater and more diverse than ours. Furthermore, many of our competitors may have a competitive advantage when responding to factors that affect demand for oil and natural gas production, such as changing prices and production levels, the cost and availability of alternative fuels and the application of government regulations. If our competitors are able to capitalize on these competitive resources, it could adversely affect our revenues and profitability.

**An increase in operating costs greater than anticipated could have a material adverse effect on our results of operations and financial condition.**

Higher operating costs for our properties will directly decrease the amount of cash flow received by us. Electricity, supplies, and labor costs are a few of the operating costs that are susceptible to material

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fluctuation. The need for significant repairs and maintenance of infrastructure may increase as our properties age. A significant increase in operating costs could negatively impact operating results and cash flow.

**Our operating results are affected by our ability to market the oil and natural gas that we produce.**

Our business depends in part upon the availability, proximity and capacity of oil and natural gas gathering systems, pipelines and processing facilities. Canadian federal and provincial, as well as U.S. federal and state, regulation of oil and natural gas production, processing and transportation, tax and energy policies, general economic conditions, and changes in supply and demand could adversely affect our ability to produce and market oil and natural gas. If market factors change and inhibit the marketing of our production, overall production or realized prices may decline.

**We are not the operator and have limited influence over the operations of certain of our oil and natural gas properties.**

We hold minority interests in certain of our oil and natural gas properties. As a result, we cannot control the pace of exploration or development, major decisions affecting the drilling of wells, the plan for development and production at non-operated properties, or the timing and amount of costs related to abandonment and reclamation activities although contract provisions give Barnwell certain consent rights in some matters. The operator's influence over these matters can affect the pace at which we incur capital expenditures. Additionally, as certain underlying joint venture data is not accessible to us, we depend on the operators at non-operated properties to provide us with reliable accounting information. We also depend on operators and joint operators to maintain the financial resources to fund their share of all abandonment and reclamation costs.

**Actual reserves will vary from reserve estimates.**

Estimating reserves is inherently uncertain and the reserves estimation process involves significant decisions and assumptions in the evaluation of available geological, geophysical, engineering and economic data. The reserve data and standardized measures set forth herein are only estimates. Ultimately, actual reserves attributable to our properties will vary from estimates, and those variations may be material. The estimation of reserves involves a number of factors and assumptions, including, among others:

- oil and natural gas prices as prescribed by SEC regulations;
- historical production from our wells compared with production rates from similar producing wells in the area;
- future commodity prices, production and development costs, royalties and capital expenditures;
- initial production rates;
- production decline rates;
- ultimate recovery of reserves;
- success of future development activities;
- marketability of production;
- effects of government regulation; and
- other government levies that may be imposed over the producing life of reserves.

If these factors, assumptions and prices prove to be inaccurate, actual results may vary materially from reserve estimates.

**Actual revenues and operating expenses for our Oklahoma properties may differ from our estimates.**

As revenue and operating expense information from our royalty and non-operated working interest properties in Oklahoma are generally received several months after the production month, the Company accrues for revenue and operating expenses by estimating our share of production volumes and costs based on data provided by the operator of the properties and product spot prices, and are subsequently adjusted to actual amounts in the period of receipt of actual data. Any identified differences between estimated revenue and operating cost estimates and actual data historically have not been significant, however at this time there is limited history to date and thus there is no assurance that actual information will not vary significantly from our estimates.

**SEC rules could limit our ability to book additional proved undeveloped reserves (“PUDs”) in the future.**

SEC rules require that, subject to limited exceptions, PUDs may only be booked if they relate to wells scheduled to be drilled within five years after the date of booking. This requirement may limit our ability to book PUDs as we pursue our drilling program.

**Part of our strategy involves using some of the latest available horizontal drilling and completion techniques. The results of our drilling are subject to drilling and completion technique risks, and results may not meet our expectations for reserves or production.**

Many of our operations involve, and are planned to utilize, the latest drilling and completion techniques as developed by our service providers in order to maximize production and ultimate recoveries and therefore generate the highest possible returns. Risks we face while completing our wells

include, but are not limited to, the inability to fracture the planned number of stages, the inability to run tools and other equipment the entire length of the well bore during completion operations, the inability to recover such tools and other equipment, and the inability to successfully clean out the well bore after completion of the final fracture stimulation. Ultimately, the success of these drilling and completion techniques can only be evaluated over time as more wells are drilled and production profiles are established over a sufficiently

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long time period. If our drilling results are less than anticipated or we are unable to execute our drilling program because of capital constraints, lease expirations, limited access to gathering systems and takeaway capacity, and/or prices for crude oil, natural gas, and natural gas liquids decline, then the return on our investment for a particular project may not be as attractive as we anticipated and we could incur material write-downs of oil and gas properties and the value of our undeveloped acreage could decline in the future.

Production and reserves, if any, attributable to the use of enhanced recovery methods are inherently difficult to predict. If our enhanced recovery methods do not allow for the extraction of crude oil, natural gas, and associated liquids in a manner or to the extent that we anticipate, we may not realize an acceptable return on our investments in such projects.

**Delays in business operations could adversely affect the amount and timing of our cash inflows.**

In addition to the usual delays in payment by purchasers of oil and natural gas to the operators of our properties, and the delays of those operators in remitting payment to us, payments between any of these parties may also be delayed by:

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- restrictions imposed by lenders;
- accounting delays;
- delays in the sale or delivery of products;
- delays in the connection of wells to a gathering system;
- blowouts or other accidents;
- adjustments for prior periods;
- recovery by the operator of expenses incurred in the operation of the properties; and
- the establishment by the operator of reserves for these expenses.

Any of these delays could expose us to additional third party credit risks.

**The oil and natural gas market in which we operate exposes us to potential liabilities that may not be covered by insurance.**

Our operations are subject to all of the risks associated with the operation and development of oil and natural gas properties, including the drilling of oil and natural gas wells, and the production and transportation of oil and natural gas. These risks include encountering unexpected formations or pressures, premature declines of reservoirs, blow-outs, equipment failures and other accidents, cratering, sour gas releases, uncontrollable flows of oil, natural gas or well fluids, adverse weather conditions, pollution, other environmental risks, fires and spills. A number of these risks could result in personal injury, loss of life, or environmental and other damage to our property or the property of others.

While we carry various levels of insurance, we could be affected by civil, criminal, regulatory or administrative actions, claims or proceedings. We cannot fully protect against all of the risks listed above, nor are all of these risks insurable. There is no assurance that any applicable insurance or indemnification agreements will adequately protect us against liability for the risks listed above. We could face substantial losses if an event occurs for which we are not fully insured or are not indemnified against or a customer or insurer fails to meet its indemnification or insurance obligations. In addition, there can be no assurance that insurance will continue to be available to cover any or all of these risks, or, even if available, that insurance premiums or other costs will not rise significantly in the future, so as to make the cost of such insurance prohibitive.

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Deficiencies in operating practices and record keeping, if any, may increase our risks and liabilities relating to incidents such as spills and releases and may increase the level of regulatory enforcement actions.

**Our operations are subject to domestic and foreign government regulation and other risks, particularly in Canada and the U.S.**

Barnwell's oil and natural gas operations are affected by political developments and laws and regulations, particularly in Canada and the U.S., such as restrictions on production, restrictions on imports and exports, the maintenance of specified reserves, tax increases and retroactive tax claims, expropriation of property, cancellation of contract rights, environmental protection controls, environmental compliance requirements and laws pertaining to workers' health and safety. Further, the right to explore for and develop oil and natural gas on lands in Alberta is controlled by the government of that province. Changes in royalties and other terms of provincial leases, permits and reservations may have a substantial effect on Barnwell's operations. We derive a significant portion of our revenues from our operations in Canada; 67% in fiscal 2022.

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Additionally, our ability to compete in the Canadian oil and natural gas industry may be adversely affected by governmental regulations or other policies that favor the awarding of contracts to contractors in which Canadian nationals have substantial ownership interests. Furthermore, we may face governmentally imposed restrictions or fees from time to time on the transfer of funds to the U.S.

Government regulations control and often limit access to potential markets and impose extensive requirements concerning employee safety, environmental protection, pollution control and remediation of environmental contamination. Environmental regulations, in particular, prohibit access to some markets and make others less economical, increase equipment and personnel costs and often impose liability without regard to negligence or fault. In addition, governmental regulations may discourage our customers' activities, reducing demand for our products and services.

**Legislation, regulation, and other government actions and shifting customer preferences and other private efforts related to greenhouse gas ("GHG") emissions and climate change could increase our operational costs and reduce demand for our oil and natural gas, resulting in a material adverse effect on the Company's results of operations and financial condition.**

Barnwell may experience challenges from the impacts of international and domestic legislation, regulation, or other government actions relating to GHG emissions (e.g., carbon dioxide and methane) and climate change. International agreements and national, regional, and state legislation and regulatory measures that aim to directly or indirectly limit or reduce GHG emissions are in various stages of implementation. Many of these actions, as well as customers' preferences and use of oil and natural gas or substitute products, are beyond the Company's control. Similar to any significant changes in the regulatory environment, GHG emissions and climate change-related legislation, regulation, or other government actions may curtail profitability in the oil and gas sector, or render the extraction of the Company's hydrocarbon resources economically infeasible. In particular, GHG emissions-related legislation, regulations, and other government actions and shifting consumer preferences and other private efforts aimed at reducing GHG emissions may result in increased and substantial capital, compliance, operating, and maintenance costs and could, among other things, reduce demand for the Company's oil and natural gas; adversely affect the economic feasibility of the Company's resources; impact or limit our

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business plans; and adversely affect the Company's sales volumes, revenues, margins and reputation.

The ultimate impact of GHG emissions and climate change-related agreements, legislation, regulation, and government actions on the Company's financial performance is highly uncertain because the Company is unable to predict with certainty, the outcome of political decision-making processes, including the actual laws and regulations enacted, the variables and tradeoffs that inevitably occur in connection with such processes, and market conditions.

### **Compliance with foreign tax and other laws may adversely affect our operations.**

Tax and other laws and regulations are not always interpreted consistently among local, regional and national authorities. Income tax laws, other legislation or government incentive programs relating to the oil and natural gas industry may in the future be changed or interpreted in a manner that adversely affects us and our stockholders. It also is possible that in the future we will be subject to disputes concerning taxation and other matters in Canada, including the manner in which we calculate our income for tax purposes, and these disputes could have a material adverse effect on our financial performance.

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### **Unforeseen title defects may result in a loss of entitlement to production and reserves.**

Although we conduct title reviews in accordance with industry practice prior to any purchase of resource assets or property, such reviews do not guarantee that an unforeseen defect in the chain of title will not arise and defeat our title to the purchased assets. If such a defect were to occur, our entitlement to the production from such purchased assets could be jeopardized.

#### *Risks Related to Land Investment Segment*

### **Receipt of future payments from KD I and KD II and cash distributions from the Kukio Resort Land Development Partnerships is dependent upon the developer's continued efforts and ability to develop and market the property.**

We are entitled to receive future payments based on a percentage of the sales prices of residential lots sold within the Kaupulehu area by KD I and KD II as well as a percentage of future distributions KD II makes to its members. However, in order to collect such payments we are reliant upon the developer, KD I and KD II, in which we own a non-controlling ownership interest, to continue to market the remaining lots within Increment I and to proceed with the development or sale of the remaining portion of Increment II. Additionally, future cash distributions from the Kukio Resort Land Development Partnerships, which includes KD I and KD II, are also dependent on future lot sales in Increment I by KD I and the development or sale of Increment II by KD II. It is uncertain when or if KD II will develop or sell the remaining portion of Increment II, and there is no assurance with regards to the amounts of future sales from Increments I and II. We do not have a controlling interest in the partnerships, and therefore are dependent on the general partner for development decisions. The receipt of future payments and cash distributions could be jeopardized if the developer fails to proceed with development and marketing of the property.

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### **We hold investment interests in unconsolidated land development partnerships, which are accounted for using the equity method of accounting, in which we do not have a controlling interest. These investments involve risks and are highly illiquid.**

These investments involve risks which include:

- the lack of a controlling interest in these partnerships and, therefore, the inability to require that the entities sell assets, return invested capital or take any other action without obtaining the majority vote of partners;
- potential for future additional capital contributions to fund operations and development activities;
- the adverse impact on overall profitability if the entities do not achieve the financial results projected;
- the reallocation of amounts of capital from other operating initiatives and/or an increase in indebtedness to pay potential future additional capital contributions, which could in turn restrict our ability to access additional capital when needed or to pursue other important elements of our business strategy;
- undisclosed, contingent or other liabilities or problems, unanticipated costs, and an inability to recover or manage such liabilities and costs and which could delay or prevent development of the real estate held by the land development partnerships; and

- certain underlying partnership data is not accessible to us, therefore we depend on the general partner to provide us with reliable accounting information.

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**Our land investment business is concentrated in the state of Hawaii. As a result, our financial results are dependent on the economic growth and health of Hawaii, particularly the island of Hawaii.**

Barnwell's land investment segment is impacted by the condition of Hawaii's real estate market, which is affected by Hawaii's economy and Hawaii's tourism industry, as well as the U.S. and world economies in general. Any future cash flows from Barnwell's land development activities are subject to, among other factors, the level of real estate activity and prices, the demand for new housing and second homes on the island of Hawaii, the rate of increase in the cost of building materials and labor, the introduction of building code modifications, changes to zoning laws, and the level of confidence in Hawaii's economy.

**The occurrence of natural disasters in Hawaii could adversely affect our business.**

The occurrence of a natural disaster in Hawaii such as, but not limited to, earthquakes, landslides, hurricanes, tornadoes, tsunamis, volcanic activity, droughts and floods, could have a material adverse effect on our land investments. The occurrence of a natural disaster could also cause property and flood insurance rates and deductibles to increase, which could reduce demand for real estate in Hawaii.

*Risks Related to Contract Drilling Segment*

**Demand for water well drilling and/or pump installation is volatile. A decrease in demand for our services could adversely affect our revenues and results of operations.**

Demand for services is highly dependent upon land development activities in the state of Hawaii. The real estate development industry is cyclical in nature and is particularly vulnerable to shifts in local, regional, and national economic conditions outside of our control such as interest rates, housing demand,

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population growth, employment levels and job growth and property taxes. A decrease in water well drilling and/or pump installation contracts will result in decreased revenues and operating results.

**If we are unable to accurately estimate the overall risks, requirements or costs when bidding on or negotiating a contract that is ultimately awarded, we may achieve a lower than anticipated profit or incur a loss on the contract.**

Contracts are usually fixed price per lineal foot drilled and require the provision of line-item materials at a fixed unit price based on approved quantities irrespective of actual per unit costs. Under such contracts, prices are established in part on cost and scheduling estimates, which are based on a number of assumptions, many of which are beyond our control. Expected profits on contracts are realized only if costs are accurately estimated and successfully controlled. We may not be able to obtain compensation for additional work performed or expenses incurred as a result of changes or inaccuracies in these estimates and underlying assumptions, such as unanticipated sub-surface site conditions, unanticipated technical problems, equipment failures, inefficiencies, cost of raw materials, schedule delays due to constraints on drilling hours, weather delays, or accidents. If cost estimates for a contract are inaccurate, or if the contract is not performed within cost estimates, then cost overruns may result in losses or cause the contract not to be as profitable as expected.

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**A significant portion of our contract drilling business is dependent on municipalities and a decline in municipal spending could adversely impact our business.**

A significant portion of our contract drilling division revenues is derived from water and infrastructure contracts with governmental entities or agencies; **59% 8%** in fiscal **2022, 2023**. Reduced tax revenues and governmental budgets may limit spending by local governments which in turn will affect the demand for our services. Material reductions in spending by a significant number of local governmental agencies could have a material adverse effect on our business, results of operations, liquidity and financial position.

**Our contract drilling operations face significant competition.**

We face competition for our services from a variety of competitors. Many of our competitors utilize drilling rigs that drill as quickly as our equipment but require less labor. Our strategy is to compete based on pricing and to a lesser degree, quality of service. If we are unable to compete effectively with our competitors, our financial results could be adversely affected.

**Supply chain and manufacturing issues of well drilling and pump installation equipment could adversely affect our operating results.**

We are dependent on various well drilling and pump installation equipment to conduct our contract drilling segment operations. The shortage of and/or delay in delivery of such equipment, such as pumps, interruptions in supply, and price increases of such equipment and materials due to supply chain issues and manufacturing disruptions could adversely impact our gross margin and results of operations.

**Awarding of contracts is dependent upon our ability to obtain contract bid and performance bonds from insurers.**

There can be no assurance that our ability to obtain such bonds will continue on the same basis as the past. Additionally, bonding insurance rates may increase and have an impact on our ability to win competitive bids, which could have a corresponding material impact on contract drilling operating results.

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**The contracts in our backlog are subject to change orders and cancellation.**

Our backlog consists of the uncompleted portion of services to be performed under contracts that have been started and new contracts not yet started. Our contracts are subject to change orders and cancellations, and such changes could adversely affect our operations.

**The occurrence of natural disasters in Hawaii could adversely affect our business.**

The occurrence of a natural disaster in Hawaii such as, but not limited to, earthquakes, landslides, hurricanes, tornadoes, tsunamis, volcanic activity, droughts and floods, could have a material adverse effect on our ability to complete our contracts.

**ITEM 1B. UNRESOLVED STAFF COMMENTS**

None.

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**ITEM 2. PROPERTIES**

**Oil and Natural Gas and Land Investment Properties**

The location and character of Barnwell's oil and natural gas properties and its land investment properties, are described above under Item 1, "Business."

#### Corporate Offices

Barnwell's corporate headquarters is located in Honolulu, Hawaii, in a commercial office building under a lease that expires in February 2024.

#### ITEM 3. LEGAL PROCEEDINGS

Barnwell is routinely involved in disputes with third parties that occasionally require litigation. In addition, Barnwell is required to maintain compliance with all current governmental controls and regulations in the ordinary course of business. Barnwell's management is not aware of any claims or litigation involving Barnwell that are likely to have a material adverse effect on its results of operations, financial position or liquidity.

#### ITEM 4. MINE SAFETY DISCLOSURES

Disclosure is not applicable to Barnwell.

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## PART II

#### ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

##### Market Information

The principal market on which Barnwell's common stock is being traded is the NYSE American under the ticker symbol "BRN." The following tables present the quarterly high and low sales prices, on the NYSE American, for Barnwell's common stock during the periods indicated:

Quarter Ended	High	Low	Quarter Ended	High	Low
December 31, 2020	\$1.99	\$0.76	December 31, 2021	\$3.50	\$2.30
March 31, 2021	\$6.99	\$1.25	March 31, 2022	\$6.38	\$2.38
June 30, 2021	\$4.34	\$2.02	June 30, 2022	\$3.40	\$2.29
September 30, 2021	\$3.59	\$2.00	September 30, 2022	\$3.32	\$2.12

Quarter Ended	High	Low	Quarter Ended	High	Low
December 31, 2021	\$3.50	\$2.30	December 31, 2022	\$3.33	\$2.70
March 31, 2022	\$6.38	\$2.38	March 31, 2023	\$2.97	\$1.89
June 30, 2022	\$3.40	\$2.29	June 30, 2023	\$3.10	\$2.47
September 30, 2022	\$3.32	\$2.12	September 30, 2023	\$2.79	\$2.18

##### Holders

As of December 9, 2022 December 12, 2023, there were 9,956,687 10,000,106 shares of common stock, par value \$0.50, outstanding. As of December 9, 2022 December 12, 2023, there were approximately 80 81 shareholders of record and approximately 1,000 beneficial owners.

##### Dividends

In August 2022, The following table sets forth the Company's Board of Directors declared a cash dividend of \$0.015 dividends paid per share that was paid on September 6, 2022 to stockholders of record on August 23, 2022. No dividends were declared or paid common stock during fiscal 2021, 2023 and 2022.

Record Date	Date of Payment	Dividend Paid
August 24, 2023	September 11, 2023	\$0.015
May 25, 2023	June 12, 2023	\$0.015
February 23, 2023	March 13, 2023	\$0.015
December 27, 2022	January 11, 2023	\$0.015
August 23, 2022	September 6, 2022	\$0.015

The payment of future cash dividends will depend on, among other things, our financial condition, operating cash flows, the amount of cash inflows from land investment activities, and the level of our oil and natural gas capital expenditures and any other investments.

#### **Securities Authorized for Issuance Under Equity Compensation Plans**

See information included in Part III, Item 12, under the caption "Equity Compensation Plan Information."

#### **Stock Performance Graph and Cumulative Total Return**

Disclosure is not required as Barnwell qualifies as a smaller reporting company.

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#### **ITEM 6. [RESERVED]**

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#### **ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

The following discussion is intended to assist in the understanding of the Consolidated Balance Sheets of Barnwell Industries, Inc. and subsidiaries (collectively referred to herein as "Barnwell," "we," "our," "us" or the "Company") as of September 30, 2022 September 30, 2023 and 2021, 2022, and the related Consolidated Statements of Operations, Comprehensive (Loss) Income, Equity, and Cash Flows for the years ended September 30, 2022 September 30, 2023 and 2021, 2022. This discussion should be read in conjunction with the consolidated financial statements and related Notes to Consolidated Financial Statements included in this report.

#### **Current Outlook**

##### *Impact of COVID-19*

In March 2020, We face various risks and uncertainties related to public health crises, including the World Health Organization declared global COVID-19 pandemic, which has disrupted financial markets and significantly impacted worldwide economic activity. The future impact of the COVID-19 outbreak pandemic as well as mandatory and voluntary actions taken to mitigate the public health impact of the pandemic may have a global material adverse effect on our financial condition. The COVID-19 pandemic and the U.S. social and Canadian governments declared the virus a national emergency shortly thereafter. The ongoing global health crisis (including resurgences) resulting from governmental responses to the pandemic have and continue to, disrupt the normal operations of many businesses, including the temporary closure or scale-back of business operations and/or the imposition of either quarantine or remote work or meeting requirements for employees, either by government order or on a

voluntary basis. While the outbreak recently appeared to be trending downward, particularly as vaccination rates increased, new variants of COVID-19 continue emerging, including the Omicron variants, spreading throughout the U.S. and globally and causing significant disruptions. The global economy, our markets and our business have been, caused, and may continue to be, materially cause, severe economic, market and adversely affected by COVID-19.

The other disruptions worldwide. Although the COVID-19 outbreak materially pandemic and adversely affected related societal and government responses have not, to date, had a material impact on our business operations or financial results, the extent to which COVID-19 and financial condition as a result of related actions may, in the deteriorating market outlook, the global economic recession and weakened liquidity. Although demand for oil and oil prices has increased significantly from the lows of March through May of 2020, uncertainty regarding future, oil prices continues to exist. While the Company's contract drilling segment remained operational throughout fiscal 2020 and 2021 and continues to work, the continuing potential impact of COVID-19 on the health of our contract drilling segment's crews is uncertain, and any work stoppage or discontinuation of contracts currently in backlog could result in a material adverse impact to the Company's financial condition and outlook. Though availability of vaccines and reopening of state and local economies has improved the outlook for recovery from COVID-19's impacts, the impact of new, more contagious or lethal variants that may emerge, and the effectiveness of COVID-19 vaccines against variants and the related responses by governments, including reinstated government-imposed lockdowns or other measures, operations cannot be predicted with any degree of confidence. As a result, we cannot at this time. Both time predict the health and economic aspects direct or indirect impact on us of the COVID-19 pandemic, remain highly fluid and the future course of each is uncertain. We cannot foresee whether the outbreak of COVID-19 will be effectively contained on a sustained basis, nor can we predict the severity and duration of its impact. If the impact of COVID-19 is not effectively and timely controlled on a sustained basis going forward, our business operations and financial condition may be materially and adversely affected by factors that we cannot foresee. Any of these factors and other factors beyond our control but it could have an a material adverse effect on the overall business environment, cause uncertainties in the regions where we conduct business, cause our business to suffer in ways that we cannot predict and materially and adversely impact our business, financial condition, and liquidity, results of operations, operations and prospects.

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## Critical Accounting Policies and Estimates

The Company considers an accounting estimate to be critical if the accounting estimate requires the Company to make assumptions that are difficult or subjective about matters that were highly uncertain at the time that the accounting estimate was made, and changes in the estimate that are reasonably likely to occur in periods subsequent to the period in which the estimate was made, or use of different estimates that the Company could have used in the current period, would have a material impact on the Company's financial condition or results of operations. The most critical accounting policies inherent in the preparation of the Company's consolidated financial statements are described below. We continue to monitor our accounting policies to ensure proper application of current rules and regulations.

### *Oil and Natural Gas Properties - full cost ceiling calculation and depletion*

#### Policy Description

We use the full cost method of accounting for our oil and natural gas properties under which we are required to conduct quarterly calculations of a "ceiling," or limitation, on the carrying value of oil and natural gas properties. The ceiling limitation is the sum of 1) the discounted present value (at 10%), using average first-day-of-the-month prices during the 12-month period ending as of the balance sheet date held constant over the life of the reserves, of Barnwell's estimated future net cash flows from estimated production of proved oil and natural gas reserves, less estimated future expenditures to be incurred in developing and producing the proved reserves but excluding future cash outflows associated with settling

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asset retirement obligations with the exception of those associated with proved undeveloped reserves from wells that are to be drilled in the future; plus 2) the cost of major development projects and unproven properties not subject to depletion, if any; plus 3) the lower of cost or estimated fair value of unproven properties included in costs subject to depletion; less 4) related income tax effects. If net capitalized costs exceed this limit, the excess is expensed.

All items classified as unevaluated and unproved properties are assessed on a quarterly basis for possible impairment or reduction in value. Properties are assessed on an individual basis or as a group if properties are individually insignificant. The assessment includes consideration of various factors, including, but not limited to, the following: intent to drill; remaining lease term; geological and geophysical evaluations; drilling results and activity; assignment of proved reserves; and economic viability of development if proved reserves are assigned. During any period in which these factors indicate an impairment, the cumulative drilling costs incurred to date for such property and all or a portion of the associated leasehold costs are transferred to the full cost pool and become subject to amortization.

#### Judgments and Assumptions

The estimate of our oil and natural gas reserves is a major component of the ceiling calculation and represents the component that requires the most subjective judgments. Estimates of reserves are forecasts based on engineering data, historical data, projected future rates of production and the timing of future expenditures. The process of estimating oil and natural gas reserves requires substantial judgment, resulting in imprecise determinations, particularly for new discoveries. Our reserve estimates are prepared at least annually by independent petroleum reserve engineers. The passage of time provides more quantitative and qualitative information regarding estimates of reserves, and revisions are made to prior estimates to reflect updated information. A portion of the revisions are attributable to changes in the rolling 12-month average first-day-of-the-month prices, which impact the economics of producible reserves. In the last three fiscal years, annual revisions to our reserve volume estimates have averaged

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44% 31% of the previous year's estimate, due in large part to the impacts of volatile oil and natural gas prices which change the economic viability of producing such reserves and changes in estimated proved undeveloped reserves which can fluctuate from year to year depending upon the Company's plans and ability to fund the capital expenditures necessary to develop such reserves. There can be no assurance that more significant revisions will not be necessary in the future. If future significant revisions are necessary that reduce previously estimated reserve quantities, such revisions could result in a write-down of oil and natural gas properties.

If reported reserve volumes were revised downward by 5% at the end of fiscal 2022, 2023, the ceiling limitation would have decreased approximately \$1,664,000 \$1,329,000 before income taxes, which would not have resulted in an increase in the a ceiling impairment before income taxes due to sufficient room between the ceiling and the carrying value of oil and natural gas properties at the end of fiscal 2022, 2023 of approximately \$20,064,000. The significant amount of room between the ceiling and the carrying value of oil and natural gas properties at the end of fiscal 2022 was due primarily to the fact that the carrying value was significantly reduced in prior years by impairment write-downs due to the extremely low average historical prices that were used in the ceiling test for those prior periods, whereas the prices used in the ceiling test at the end of fiscal 2022 reflects the significantly higher average historical prices used in that ceiling test. \$5,428,000.

In addition to the impact of the estimates of proved reserves on the calculation of the ceiling, estimated proved reserves are also a significant component of the quarterly calculation of depletion expense. The lower the estimated reserves, the higher the depletion rate per unit of production. Conversely, the higher the estimated reserves, the lower the depletion rate per unit of production. If reported reserve volumes were revised downward by 5% as of the beginning of fiscal 2022, 2023, depletion for fiscal 2022, 2023 would have increased by approximately \$129,000. \$211,000.

While the quantities of proved reserves require substantial judgment, the associated prices of oil, natural gas and natural gas liquids reserves are the average first-day-of-the-month prices during the 12-month 12-

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month period ending in the reporting period on a constant basis as prescribed by SEC regulations. Additionally, the applicable discount rate that is used to calculate the discounted present value of the reserves is mandated at 10%. Costs included in future net revenues are determined in a similar manner. As such, the future net revenues associated with the estimated proved reserves are not based on an assessment of future prices or costs.

#### *Contract Drilling Revenues and Operating Expenses*

##### Policy Description

Through contracts which are normally less than twelve months in duration, Barnwell drills water and water monitoring wells and installs and repairs water pumping systems in Hawaii. Barnwell recognizes revenue from well drilling or the installation of pumps over time based on total costs incurred on the projects relative to the total expected costs to satisfy the performance obligation as management believes this is an accurate representation of the percentage of completion as control is continuously transferred to the customer. Uninstalled materials, which typically consists of well casing or pumps, are excluded in the costs-to-costs calculation for the duration of the contract as including these costs would result in a distortion of progress towards satisfaction of the performance obligation due to the resulting cumulative catch-up in margin in a single period. An equal amount of cost and revenue is recorded when uninstalled materials are controlled by the customer, which is typically when Barnwell has the right to payment for the materials and when the materials are delivered to the customer's site or location and such

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materials have been accepted by the customer. Uninstalled materials are held in inventory and included in "Other current assets" on the Company's Consolidated Balance Sheets until control is transferred to the customer. When the estimate on a contract indicates a loss, Barnwell records the entire estimated loss in the period the loss becomes known.

Unexpected significant inefficiencies that were not considered a risk at the time of entering into the contract, such as design or construction execution errors that result in significant wasted resources, are excluded from the measure of progress toward completion and the costs are expensed as incurred.

To the extent a contract is deemed to have multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation using its best estimate of the standalone selling price of each distinct good or service in the contract. The contract price may include variable consideration, which includes such items as increases to the transaction price for unapproved change orders and claims for which price has not yet been agreed by the customer. The Company estimates variable consideration using either the most likely amount or expected value method, whichever is a more appropriate reflection of the amount to which it expects to be entitled based on the characteristics and circumstances of the contract. Variable consideration is included in the estimated transaction price to the extent it is probable that a significant reversal of cumulative recognized revenue will not occur.

Contracts are sometimes modified for a change in scope or other requirements. The Company considers contract modifications to exist when the modification either creates new or changes the existing enforceable rights and obligations. Most of the Company's contract modifications are for goods and services that are not distinct from the existing performance obligations. The effect of a contract modification on the transaction price, and the measure of progress for the performance obligation to which it relates, is recognized as an adjustment to revenue (either as an increase or decrease) on a cumulative catchup basis.

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#### Judgments and Assumptions

Management evaluates the performance of contracts on an individual basis. In the ordinary course of business, but at least quarterly, we prepare updated estimates that may impact the cost and profit or loss for each contract based on actual results to date plus management's best estimate of costs to be incurred to complete each performance obligation. Increases or decreases in the estimated costs to complete a performance obligation without a change to the contract price has the impact to decrease or increase, respectively, the contract completion percentage applied to the contract price to calculate the cumulative contract revenue to be recognized to date. Changes in the cost estimates can have a material impact on our contract revenue and are reflected in the results of operations when they become known. The nature of accounting for these contracts is such that refinements of the estimated costs to complete may occur and are characteristic of the estimation process due to changing conditions and new developments. Many factors and assumptions can and do change during a contract performance obligation period which can result in a change to contract profitability including unforeseen underground geological conditions (to the extent that contract remedies are unavailable), the availability and costs of skilled contract labor, the performance of major material suppliers, the performance of major subcontractors, unusual weather conditions and unexpected changes in material costs, changes in the scope and nature of work to be performed, and unexpected construction execution errors, among others. Any revisions to estimated costs to complete the performance obligation from period to period as a result of changes in these factors

can materially affect revenue and operating results in the period such revisions are necessary. In addition, many contracts give the customer a unilateral right to cancel for convenience or other than for cause. In accordance with FASB ASC 606-10-32-4, our estimates are based on the assumption that the existing

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contract will not be cancelled. Any unforeseen cancellation of a contract may result in a material revision to our estimates.

We have a long history of working with multiple types of projects and preparing cost estimates, and we rely on the expertise of key personnel to prepare what we believe are reasonable best estimates given available facts and circumstances. Due to the nature of the work involved, however, judgment is involved to estimate the costs to complete and the amounts estimated could have a material impact on the revenue we recognize in each accounting period. We can not estimate unforeseen events and circumstances which may result in actual results being materially different from previous estimates.

#### *Income Taxes*

##### Policy Description

Income taxes are determined using the asset and liability method. Deferred tax assets and liabilities are recognized for the estimated future tax impacts of differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases. Deferred tax assets and liabilities are measured using enacted tax rates in effect for the year in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date.

Deferred income tax assets are routinely assessed for realizability. A valuation allowance is provided when it is more likely than not that some portion or all of the deferred tax asset will not be realized.

Barnwell recognizes the financial statement effects of tax positions when it is more likely than not that the position will be sustained by a taxing authority.

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##### Judgments and Assumptions

We make estimates and judgments in determining our income tax expense for each reporting period. Significant changes to these estimates could result in an increase or decrease in our tax provision in future periods. We are also required to make judgments about the recoverability of deferred tax assets and when it is more likely than not that all or a portion of deferred tax assets will not be realized, a valuation allowance is provided. We consider available positive and negative evidence and available tax planning strategies when assessing the realizability of deferred tax assets. Accordingly, changes in our business performance and unforeseen events could require a further increase in the valuation allowance or a reversal in the valuation allowance in future periods. This could result in a charge to, or an increase in, income in the period such determination is made, and the impact of these changes could be material.

In addition, Barnwell operates within the U.S. and Canada and is subject to audit by taxing authorities in these jurisdictions. Barnwell records accruals for the estimated outcomes of these audits, and the accruals may change in the future due to new developments in each matter. Tax benefits are recognized when we determine that it is more likely than not that such benefits will be realized. Management evaluates its potential exposures from tax positions taken that have or could be challenged by taxing authorities. These potential exposures result because taxing authorities may take positions that differ from those taken by management in the interpretation and application of statutes, regulations and rules. Management considers the possibility of alternative outcomes based upon past experience, previous actions by taxing authorities (e.g., actions taken in other jurisdictions) and advice from tax experts. Where

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uncertainty exists due to the complexity of income tax statutes and where the potential tax amounts are significant, we generally seek independent tax opinions to support our positions. If our evaluation of the likelihood of the realization of benefits is inaccurate, we could incur additional income tax and interest expense that would adversely impact earnings, or we could receive tax benefits greater than anticipated which would positively impact earnings, either of which could be material.

## Overview

Barnwell is engaged in the following lines of business: 1) acquiring, developing, producing and selling oil and natural gas in Canada and Oklahoma the U.S. (oil and natural gas segment), 2) investing in land interests in Hawaii (land investment segment), and 3) drilling wells and installing and repairing water pumping systems in Hawaii (contract drilling segment).

### *Oil and Natural Gas Segment*

Barnwell is involved in the acquisition and development of oil and natural gas properties primarily in the Twining area of Alberta, Canada, where we initiate and participate in acquisition and developmental operations for oil and natural gas on properties in which we have an interest, and evaluate proposals by third parties with regard to participation in such exploratory and developmental operations elsewhere. Additionally, through its wholly-owned subsidiary BOK and Barnwell Texas, Barnwell is indirectly involved in non-operated oil and natural gas investments in Oklahoma, Oklahoma and Texas, respectively.

Barnwell sells all of its Canadian and U.S. oil and natural gas under short-term contracts with marketers based on prices indexed to market prices. The price of natural gas, oil and natural gas liquids is freely negotiated between the buyers and sellers. Oil and natural gas prices are determined by many factors that are outside of our control. Market prices for oil and natural gas products are dependent upon factors such as, but not limited to, changes in market supply and demand, which are impacted by overall

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economic activity, changes in weather, pipeline capacity constraints, inventory storage levels, and output. Oil and natural gas prices are very difficult to predict and fluctuate significantly. Natural gas prices tend to be higher in the winter than in the summer due to increased demand, although this trend has become less pronounced due to the increased use of natural gas to generate electricity for air conditioning in the summer and increased natural gas storage capacity in North America.

In November 2023, to provide partial protection against the risk of declining natural gas prices during the second half of our fiscal 2024, the Company amended certain of its Canadian purchase and sales contracts to change the sales price on a portion of the natural gas it sells to a fixed price during the period from April 1, 2024 to October 31, 2024. With these changes, the Company anticipates that during that period approximately 25% of its Canadian natural gas production will be sold at fixed prices while the remaining 75% of such production will continue to be sold at spot prices.

Additionally, in December 2023, the Company amended certain of its Canadian purchase and sales contract to change the sales price on a portion of the oil it sells to a fixed price during the period from January 1, 2024 to June 30, 2024. With these changes, the Company anticipates that during that period approximately 40% of its Canadian oil production will be sold at fixed prices while the remaining 60% of such production will continue to be sold at spot prices.

Oil and natural gas exploration, development and operating costs generally follow trends in product market prices, thus in times of higher product prices the cost of exploring, developing and operating the oil and natural gas properties will tend to escalate as well. Capital expenditures are required to fund the exploration, development, and production of oil and natural gas. Cash outlays for capital expenditures are largely discretionary, however, a minimum level of capital expenditures is required to replace depleting reserves. Due to the nature of oil and natural gas exploration and development, significant uncertainty exists as to the ultimate success of any drilling effort.

### *Land Investment Segment*

Through Barnwell's 77.6% interest in Kaupulehu Developments, 75% interest in KD Kona, and 34.45% non-controlling interest in KKM Makai, the Company's land investment interests include the following:

- The right to receive percentage of sales payments from KD I resulting from the sale of single-family residential lots by KD I, within Increment I of the Kaupulehu Lot 4A area

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located in the North Kona District of the island of Hawaii. Kaupulehu Developments is entitled to receive payments from KD I based on 10% of the gross receipts from KD I's sales at Increment I. Increment I is an area zoned for approximately 80 single-family lots, of which two remained to be sold at **September 30, 2022** **September 30, 2023**. The developer had consolidated these two remaining lots into one large lot but has since split them back into the original two lots.

- The right to receive 15% of the distributions of KD II, the cost of which is to be solely borne by KDK out of its 55% ownership interest in KD II, plus a priority payout of 10% of KDK's cumulative net profits derived from Increment II sales subsequent to Phase 2A, up to a maximum of \$3,000,000. Such interests are limited to distributions or net profits interests and Barnwell does not have any partnership interest in KD II or KDK through its interest in Kaupulehu Developments. Barnwell also has rights to three single-family residential lots in Phase 2A of Increment II, and four single-family residential lots in phases subsequent to Phase 2A when such lots are developed by KD II, all at no cost to Barnwell. Barnwell is

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committed to commence construction of improvements within 90 days of the transfer of the four lots in the phases subsequent to Phase 2A as a condition of the transfer of such lots. Also, in addition to Barnwell's existing obligations to pay professional fees to certain parties based on percentages of its gross receipts, Kaupulehu Developments is also obligated to pay an amount equal to 0.72% and 0.20% of the cumulative net profits of KD II to KD Development, LLC and a pool of various individuals, respectively, all of whom are partners of KKM and are unrelated to Barnwell. The remaining acreage within Increment II is not yet under development, and there is no assurance that development of such acreage will in fact occur. No definitive development plans have been made by **KDII**, the developer of Increment II, as of the date of this report.

- An indirect 19.6% non-controlling ownership interest in KD Kukio Resorts, LLLP, KD Maniniowali, LLLP and KD I and an indirect 10.8% non-controlling ownership interest in KD II through KDK. These entities own certain real estate and development rights interests in the Kukio, Maniniowali and Kaupulehu portions of Kukio Resort, a private residential community on the Kona coast of the island of Hawaii, as well as Kukio Resort's real estate sales office operations. KDK was the developer of Kaupulehu Lot 4A Increments I and II. The partnerships derive income from the sale of residential parcels, of which two remained to be sold at **September 30, 2022** **September 30, 2023**, as well as from commissions on real estate sales by the real estate sales office and revenues resulting from the sale of private club memberships.
- Approximately 1,000 acres of vacant leasehold land zoned conservation in the Kaupulehu Lot 4C area, which currently has no development potential without both a development agreement with the lessor and zoning reclassification. The lease terminates in December 2025.

#### *Contract Drilling Segment*

Barnwell drills water and water monitoring wells and installs and repairs water pumping systems in Hawaii. Contract drilling results are highly dependent upon the quantity, dollar value and timing of contracts awarded by governmental and private entities and can fluctuate significantly.

**41** In December 2023, the Company entered into an agreement with a construction company for the sale of Water Resources for gross proceeds of \$2,000,000, subject to customary post-closing price adjustments and the purchaser's completion of due diligence. The sale is expected to close in the first half of our fiscal 2024.

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## Business Environment

Our operations are located in Canada and in the states of Hawaii, Oklahoma, and Oklahoma, Texas. Accordingly, our business performance is directly affected by macroeconomic conditions in those areas, as well as general economic conditions of the U.S. domestic and world economies.

### *Oil and Natural Gas Segment*

Barnwell realized an average price for oil of \$86.73 per barrel during the year ended September 30, 2022, an increase of 20% from \$51.74 per barrel realized during the prior year and realized an average price for natural gas of \$2.64 per Mcf during the year ended September 30, 2023, a decrease of 43% from \$4.63 per Mcf realized during the prior year. Oil and natural gas prices continue to be volatile over time

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and thus, the Company is unable to reasonably predict future oil prices and the impacts future oil prices will have on the Company.

*Barnwell realized an average price for natural gas of \$4.63 per Mcf during the year ended September 30, 2022, an increase of 77% from \$2.62 per Mcf realized during the prior year.*

### *Land Investment Segment*

Future revenues from the sale of interest in leasehold land investment payments and any future cash distributions from our investment in the Kukio Resort Land Development Partnerships are dependent upon the sale of the remaining two residential lots within Increment I by KD I and potential future development or sale of the remaining portion of Increment II by KD II of Kaupulehu Lot 4A. The amount and timing of future land investment segment proceeds from percentage of sales payments and cash distributions from the Kukio Resort Land Development Partnerships are highly uncertain and out of our control, and there is no assurance with regards to the amounts of future sales of residential lots within Increments I and II. No definitive development plans have been made by KD II, the developer of Increment II, as of the date of this report.

### *Contract Drilling Segment*

Demand for water well drilling and/or pump installation and repair services is volatile and dependent upon land development activities within the state of Hawaii. Management currently estimates that well drilling activity for fiscal 2023 is expected to be higher than fiscal 2022 based upon the number and value of contracts in backlog and anticipated job starts and durations.

## Results of Operations

### *Summary*

Net earnings loss attributable to Barnwell for fiscal 2022/2023 totaled \$5,513,000, a \$740,000 decrease in operating results from net earnings of \$6,253,000 in fiscal 2021/2022. The following factors affected the results of operations for the current fiscal year as compared to the prior fiscal year:

- In the prior year period, the Company recognized \$4,472,000 in gains that did not occur in fiscal 2022, which included a \$2,341,000 gain from the termination of the Company's Post-retirement Medical plan, \$1,982,000 in gains from the sales of assets, and a \$149,000 gain on debt extinguishment;
- An \$8,113,000 improvement in oil and natural gas segment operating results, before income taxes, due primarily to a significant increase in natural gas, oil, and natural gas prices. Additionally, a decrease in the current period

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as compared to the same period in the prior year and new net production from wells drilled in Oklahoma. Also contributing to the increase was a ceiling test impairment of \$630,000 in the prior year period, whereas there was no such ceiling test impairment in the current year period;

- Equity in income from affiliates decreased \$2,393,000 and land investment segment operating results, before non-controlling interests' share of such profits, decreased \$532,000 due to the Kukio Resort Development Partnerships' sale of six lots in the current year period, whereas there were eight lot sales in the prior year period;
- General and administrative expenses increased \$956,000 primarily due to increases in professional fees Oklahoma in the current year period as compared to the same period in the prior year also caused the decrease;
- Equity in income from affiliates decreased \$2,642,000 and land investment segment operating results, before non-controlling interests' share of such profits, decreased \$941,000 due to the Kukio Resort Development Partnerships' sale of one lot in the current year period, whereas there were six lot sales in the prior year period;
- General and administrative expenses decreased \$1,088,000 primarily due to decreases in share-based compensation, accrued bonus expense, professional fees, and bad debt expense, partially offset by a decrease an increase in stockholder costs in the prior current year period as compared to the same period in the prior year;
- A \$551,000 gain recognized in the current year period; period from the sale of a contract drilling segment drilling rig; and
- A \$484,000 \$76,000 foreign currency loss gain recorded in the current year period as compared to a \$484,000 foreign currency loss in the prior year period, primarily due to the effects of foreign exchange

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rate changes on intercompany loans and advances as a result of the strengthening/weakening of the U.S. dollar against the Canadian dollar.

#### General

Barnwell conducts operations in the U.S. and Canada. Consequently, Barnwell is subject to foreign currency translation and transaction gains and losses due to fluctuations of the exchange rates between the Canadian dollar and the U.S. dollar. Barnwell cannot accurately predict future fluctuations of the exchange rates and the impact of such fluctuations may be material from period to period. To date, we have not entered into foreign currency hedging transactions. Foreign currency gains or losses on intercompany loans and advances that are not considered long-term investments in nature because management intends to settle these intercompany balances in the future are included in our statements of operations.

The average exchange rate of the Canadian dollar to the U.S. dollar decreased 1% 5% in fiscal 2022, 2023, as compared to fiscal 2021, 2022, and the exchange rate of the Canadian dollar to the U.S. dollar decreased 7% increased 1% at September 30, 2022 September 30, 2023, as compared to September 30, 2021 September 30, 2022. Accordingly, the assets, liabilities, stockholders' equity and revenues and expenses of Barnwell's subsidiaries operating in Canada have been adjusted to reflect the change in the exchange rates. Other comprehensive income and losses are not included in net earnings and net loss.

Other comprehensive loss due to foreign currency translation adjustments, net of taxes, for fiscal 2022, 2023 was \$40,000, \$2,000, a \$243,000 \$38,000 change from other comprehensive loss due to foreign currency translation adjustments, net of taxes, of \$283,000 \$40,000 in fiscal 2021, 2022. There were no taxes on other comprehensive loss due to foreign currency translation adjustments in fiscal 2022, 2023 and 2021, 2022 due to a full valuation allowance on the related deferred tax assets.

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#### Oil and natural gas

## Selected Operating Statistics

The following tables set forth Barnwell's annual average prices per unit of production and annual net production volumes for fiscal 2022/2023 as compared to fiscal 2021/2022. Production amounts reported are net of royalties.

	Annual Average Price Per Unit							Annual Average Price Per Unit						
					Increase (Decrease)							Increase (Decrease)		
	2022		2021		\$	%		2023		2022		\$	%	
Natural gas (Mcf)*	Natural gas (Mcf)*	\$ 4.63	\$ 2.62	\$ 2.01	77%		Natural gas (Mcf)*	\$ 2.64	\$ 4.63	\$ (1.99)	(43)%			
Oil (Bbls)	Oil (Bbls)	\$ 86.73	\$ 51.74	\$ 34.99	68%		Oil (Bbls)	\$ 69.77	\$ 86.73	\$ (16.96)	(20)%			
Natural gas liquids (Bbls)	Natural gas liquids (Bbls)	\$ 48.06	\$ 31.92	\$ 16.14	51%		(Bbls)	\$ 32.24	\$ 48.06	\$ (15.82)	(33)%			
Annual Net Production														
	Annual Net Production							Annual Net Production						
					Increase (Decrease)							Increase (Decrease)		
	2022		2021		Units	%		2023		2022		Units	%	
Natural gas (Mcf)	Natural gas (Mcf)	964,000	694,000	270,000	39%		Natural gas (Mcf)	1,263,000	964,000	299,000	31%			
Oil (Bbls)	Oil (Bbls)	182,000	147,000	35,000	24%		Oil (Bbls)	204,000	182,000	22,000	12%			
Natural gas liquids (Bbls)	Natural gas liquids (Bbls)	48,000	24,000	24,000	100%		(Bbls)	52,000	48,000	4,000	8%			

\* Natural gas price per unit is net of pipeline charges.

The oil and natural gas segment generated a \$10,536,000 operating profit in fiscal 2022/2023 before general and administrative expenses, an increase in operating results of \$8,113,000 as compared to \$2,423,000 of operating profit in fiscal 2021. There was no ceiling test impairment during the year ended September 30, 2022 and a \$630,000 ceiling test impairment during the year ended September 30, 2021.

Our Oklahoma operations generated \$2,667,000 (25%) of our operating profit before general and administrative expenses by geographic location: The following table sets forth Barnwell's oil and natural gas segment operating profits for the year ended September 30, 2022 as compared to \$80,000 (3%) of our oil profit before general and natural gas segment operating profits for the year ended September 30, 2021.

	Year ended September 30,	
	2023	2022
Operating profit (before general and administrative expenses)		
Canada	\$ 3,171,000	\$ 7,869,000
Oklahoma	1,006,000	2,667,000
Texas	496,000	—
Total operating profit	\$ 4,673,000	\$ 10,536,000

Oil and natural gas revenues increased \$12,327,000 (120%) decreased \$3,205,000 (14%) from \$10,254,000 in fiscal 2021 to \$22,581,000 in fiscal 2022 to \$19,376,000 in fiscal 2023, primarily due to significant increases in oil, natural gas, oil, and natural gas liquids prices, which decreased 43%, 20%, and 33%, respectively, as compared to the same period in the prior year. Additionally, The decrease was partially offset by 12% and 31% increases in oil and natural gas production, increased respectively, as compared to the same period in the prior year. The increase in

oil and natural gas production in the current year was due to new wells drilled in the Twining area and from new wells drilled in Texas, partially offset by a decrease in production from the Oklahoma as well as due to additional working interests acquired wells.

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The two gross (0.3 net) non-operated wells drilled in Texas began producing in late April 2023 and the Twining area. The increase in Company's share of net production from Canadian areas was partially offset by an increase in royalty rates attributed to these wells totaled 12,000 barrels of oil, 12,000 barrels of natural gas liquids, and 121,000 Mcf of natural gas for total revenues of \$1,354,000 during the increase in commodity prices. year ended September 30, 2023.

Oil and natural gas operating expenses increased \$2,883,000 (44% \$995,000 (11%)) from \$6,556,000 in fiscal 2021 to \$9,439,000 in fiscal 2022 to \$10,434,000 in fiscal 2023, primarily due to costs associated with new production from the new wells drilled in the Twining area and Oklahoma, as well as due to additional working interests acquired from new wells drilled in Texas and an increase in workover costs in the Twining area. current year period as compared to the same period in the prior year. The increase was also partially attributable to workovers, repairs, higher utilities and hauling costs, and restart costs for certain acquired offset by a decrease in production from wells in Oklahoma in the current year period as well as compared to the remediation of a minor pipeline leak. prior year period.

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Oil and natural gas segment depletion increased \$1,961,000 (304% \$1,663,000 (64%)) from \$645,000 in fiscal 2021 to \$2,606,000 in fiscal 2022 to \$4,269,000 in fiscal 2023, primarily due to increases depletion attributable to production in Texas, whereas there was no such depletion in the prior year period, and an increase in the depletion rate for Canadian properties and also new production from those properties, both of which were the result of the drilling of new wells acquisition of additional working interests, and facilities expansion and upgrade costs, all in the Twining area. The increase also in oil and natural gas depletion was partially offset by a decrease in depletion for Oklahoma properties due to increased depletion the decrease in production from production wells in Oklahoma whereas there was only a minor amount of such depletion in the current year period as compared to the prior year period.

All seven non-operated wells in Oklahoma were producing during the year ended September 30, 2022. The Company's share of net production from these wells plus another well with a minor overriding royalty interest totaled 42,000 barrels of oil and natural gas liquids and 192,000 Mcf of natural gas for total revenues of \$3,496,000 during the year ended September 30, 2022. Our Oklahoma production is from shale oil wells that typically have steep production declines and accordingly, we estimate that their production will continue to decline significantly.

Oil prices continue to be volatile over time and thus, the Company is unable to reasonably predict future oil, natural gas and natural gas liquids prices and the impacts future prices will have on the Company.

#### *Sale of interest in leasehold land*

Kaupulehu Developments is entitled to receive a percentage of the gross receipts from the sales of lots and/or residential units in Increment I by KD I.

The following table summarizes the revenues received from KD I and the amount of fees directly related to such revenues:

	Sale of interest in leasehold land:	Year ended September 30,		Year ended September 30,	
		2022	2021	2023	2022
Sale of interest in leasehold land:	Sale of interest in leasehold land:			Sale of interest in leasehold land:	
Revenues - sale of interest in leasehold land	Revenues - sale of interest in leasehold land	\$ 1,295,000	\$ 1,738,000	\$ 265,000	\$ 1,295,000

Fees - included in general and administrative expenses	Fees - included in general and administrative expenses	<b>(158,000)</b>	(212,000)	Fees - included in general and administrative expenses	<b>(32,000)</b>	(158,000)
Sale of interest in leasehold land, net of fees paid	Sale of interest in leasehold land, net of fees paid	<b>\$ 1,137,000</b>	\$ 1,526,000	Sale of interest in leasehold land, net of fees paid	<b>\$ 233,000</b>	\$ 1,137,000

During the year ended September 30, 2023, Barnwell received \$265,000 in percentage of sales payments from KD I from the sale of one single-family lot within Increment I. During the year ended September 30, 2022, Barnwell received \$1,295,000 in percentage of sales payments from KD I from the sale of six single-family lots within Increment I. During the year ended September 30, 2021, Barnwell received \$1,738,000 in percentage of sales payments from KD I from the sale of eight single-family lots within Increment I.

In November 2022, Kaupulehu Developments received a percentage As of sales payment of \$265,000 from the sale of one lot within Increment I. Financial results from the receipt of this payment will be reflected in Barnwell's first quarter of fiscal 2023 ending December 31, 2022. Accordingly, with the inclusion of the lot sale subsequent to September 30, 2022 September 30, 2023, one two single-family lot lots of the 80 lots developed within Increment I remained to be sold as of the date of this report sold. The Company does not have a controlling interest in Increments I and II, and there is no assurance with regards to the amounts of future sales from Increments I and II, or that the remaining

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acreage within Increment II will be developed. No definitive development plans have been made by KD II, the developer of Increment II, as of the date of this report.

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#### Contract drilling

Contract drilling revenues and costs are associated with well drilling and water pump installation, replacement and repair in Hawaii.

Contract drilling revenues decreased \$1,269,000 (22%) to \$4,540,000 in fiscal 2022, as compared to \$5,809,000 in fiscal 2021, and contract drilling costs decreased \$964,000 (17%) to \$4,591,000 in fiscal 2022, as compared to \$5,555,000 in fiscal 2021. The contract drilling segment generated a \$222,000 \$428,000 operating loss before general and administrative expenses during fiscal 2022, 2023, a decrease in operating results of \$133,000 \$206,000 as compared to an operating loss before general and administrative expenses of \$89,000 \$222,000 in fiscal 2021. The decrease in contract 2022. Contract drilling revenues costs, and operating results for the year ended September 30, 2022 is increased \$887,000 (20%) to \$5,427,000 in fiscal 2023, as compared to \$4,540,000 in fiscal 2022, primarily due to decreased water well drilling a higher level of activity in the current year period, partially offset by a decrease in revenues recognized from previously uninstalled materials during the current year period as compared to the same period in the prior year, year. Contract drilling costs increased \$1,078,000 (23%) to \$5,669,000 in fiscal 2023, as compared to \$4,591,000 in fiscal 2022, primarily due to a significant higher level of activity and an increase in costs for certain water well drilling contract contracts in the current year period due to unforeseen difficulties on two contracts. The first job had a portion piece of the prior drill bit break off and fall into the hole causing an increase in costs due to efforts to retrieve the piece which was successfully done in November 2023. The other job encountered an unusually hard geological formation, and the drilling has taken longer than previously anticipated which required an increase in estimated costs and resulted in the job becoming a loss job for which the Company recorded a \$180,000 liability as of September 30, 2023. The increase in total contract drilling costs was partially offset by a decrease in expenses recognized from previously uninstalled materials during the current year period which was essentially completed as of December 31, 2020 and thus, did not contribute to operating results from that point forward, compared the same period in the prior year.

At September 30, 2022 September 30, 2023, there was a backlog of ~~seven~~ four well drilling and ~~14~~ seven pump installation and repair contracts, of which ~~four~~ three well drilling and ~~10~~ four pump installation and repair contracts were in progress as of September 30, 2022 September 30, 2023. The backlog of contract drilling revenues as of December 1, 2022 December 1, 2023 was approximately \$11,200,000 \$6,800,000, of which \$8,600,000 \$6,300,000 is expected to be realized in fiscal 2023 2024 with the remainder to be recognized in the following fiscal year. Based on these contracts in backlog, contract drilling segment operating results are for fiscal 2024 is estimated to be higher in fiscal 2023 as compared relatively similar to fiscal 2022. 2023.

In the quarter ended December 31, 2021, it was determined that a contract drilling segment well completed in the period did not meet the contract specifications for plumbness under a gyroscopic plumbness test which the contract required. While the well did pass the cage plumbness test, the contract uses the gyroscopic test as the measure of plumbness. Barnwell and the customer currently have an arrangement where Barnwell will provide for centralizers, armored cabling and a pump installation and removal test to confirm that plumbness is satisfactory. The pump installation and removal test was successfully completed. Barnwell's management believes the plumbness deviation is not impactful to the performance of the submersible pumps that will be installed in the well. Accordingly, while costs for the centralizers, armored cabling and the pump installation and removal test have been accrued, no accrual has been recorded as of September 30, 2022 September 30, 2023 for any further costs related to this contract as there is no related probable or estimable contingent liability.

There has been a significant decrease in demand for water well drilling contracts in recent years that has generally led to increased competition for available contracts and lower margins on awarded contracts. The Company is unable to predict the near-term and long-term availability of water well drilling and pump installation and repair contracts as a result of this volatility in demand. The continuing potential impact of COVID-19 on the health of our contract drilling segment's crew is uncertain, and any work

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stoppage or discontinuation of contracts currently in backlog due to COVID-19 impacts could result in a material adverse impact to the Company's financial condition and outlook.

#### *General and administrative expenses*

General and administrative expenses increased \$956,000 (13%) decreased \$1,088,000 (14%) to \$6,956,000 in fiscal 2023, as compared to \$8,044,000 in fiscal 2022, as compared to \$7,088,000 in fiscal 2021. 2022. The increase decrease was primarily due to increases decreases of \$1,245,000 \$492,000 in share-based compensation expense, \$248,000 in bonus expense, \$86,000 in bad debt expense, \$126,000 in professional fees primarily related to legal land investment segment proceeds, and \$450,000 in fees related to consulting services and \$65,000 in director fees in the current year period as compared to the same period in the prior year. The decrease in general and administrative expenses was partially offset by a reduction an increase of \$191,000 \$495,000 in pension and post-retirement medical plan stockholders costs and \$296,000 in stockholder costs related primarily attributed to

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the cooperation and support agreement executed with the MRMP Stockholders and associated fees to certain directors, as discussed below, in the prior current year period as compared to the current same period in the prior year.

In January 2023, the Company entered into a cooperation and support agreement (the "Cooperation Agreement") with Alexander C. Kinzler, the Company's CEO and President in his capacity as a stockholder, MRMP-Managers LLC, the Ned L. Sherwood Revocable Trust, NLS Advisory Group, Inc. and Ned L. Sherwood (collectively, the "MRMP Stockholders"), with respect to a potential proxy contest pertaining to the election of directors to our Board of Directors (the "Board"). Pursuant to the terms of the Cooperation Agreement, among other things, the Company agreed to promptly appoint Joshua S. Horowitz and Laurance Narbut, effective February 9, 2023, to serve on the Board. In addition, the Company agreed to nominate a five-person board comprised of Mr. Kinzler, Kenneth Grossman, Douglas Woodrum, and Messrs. Horowitz and Narbut as candidates for election to the Board at the 2023 Annual Meeting, which was held on April 17, 2023, and the 2024 annual meeting of stockholders (the "2024 Annual Meeting") and Mr. Kinzler and the MRMP Stockholders agreed to vote their respective shares of common stock of the Company in favor of the election of the Company's slate at the 2023 Annual Meeting and the 2024 Annual Meeting. Additionally, pursuant to the terms of the Cooperation Agreement, the Company terminated the previously adopted Tax Benefits Preservation Plan. In exchange for this arrangement, the Company agreed to reimburse the

MRMP Stockholders and Mr. Kinzler for their reasonable, documented out-of-pocket fees and expenses (including legal expenses) in connection with the negotiation and execution of the Cooperation Agreement and the transactions contemplated hereby and the proposed nomination of directors at the 2023 Annual Meeting. The Company incurred approximately \$351,000 in expenses under the Cooperation Agreement in the year period ended September 30, 2023 with respect to such reimbursements to the MRMP Stockholders and Mr. Kinzler.

In May 2023, the Company's Board of Directors approved and ratified the payment of one-time special director fees to directors Messrs. Grossman and Woodrum for their services on behalf of the Company and the Board pertaining to the negotiations of the Cooperation Agreement and the settlement of the potential proxy contest. Mr. Grossman received a one-time special director fee of \$100,000, which was paid in \$40,000 cash and a stock grant of 22,728 shares of Barnwell common stock (valued at \$60,000 using the closing price of Barnwell's common stock on May 11, 2023, the date of grant). Mr. Woodrum received a one-time special director fee of \$50,000, which was paid in \$20,000 cash and a stock grant of 11,363 shares of Barnwell common stock (valued at \$30,000 using the closing price of Barnwell's common stock on May 11, 2023, the date of grant).

#### *Depletion, depreciation, and amortization*

Depletion, depreciation, and amortization increased \$1,815,000 (188% \$1,679,000 (60%)) from \$963,000 in fiscal 2021 to \$2,778,000 in fiscal 2022 primarily to \$4,457,000 in fiscal 2023, due to increases in the depletion rate for Canadian properties and also

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new production from those properties both of which were and the result of the drilling of new wells, acquisition of additional working interests, and facilities expansion and upgrade costs, all depletion attributable to production in Texas, partially offset by a decrease in depletion for Oklahoma properties as discussed in the Twining area. The increase was also due to increased depletion from production in Oklahoma, whereas there was only a minor amount of such depletion in the prior year period. "Oil and natural gas" section above.

#### *Impairment of assets*

Under the full cost method of accounting, the Company performs quarterly oil and natural gas ceiling test calculations. There was no ceiling test impairment of assets during the year ended September 30, 2022 and a \$630,000 ceiling test impairment during the year ended September 30, 2021 September 30, 2023.

Changes in the mandated 12-month historical rolling average first-day-of-the-month prices for oil, natural gas and natural gas liquids prices, the value of reserve additions as compared to the amount of capital expenditures to obtain them, and changes in production rates and estimated levels of reserves, future development costs and the estimated market value of unproved properties, impact the determination of the maximum carrying value of oil and natural gas properties.

In September fiscal 2022, the Company determined that the right-of-use asset related to the operating lease for the Lot 4C leasehold land zoned conservation held by Kaupulehu Developments was fully impaired as of September 30, 2022. As a result, the Company recognized an \$89,000 right-of-use asset impairment expense during in the year ended September 30, 2022. The operating lease terminates in December 2025.

In September 2021, the Company designated a contract drilling segment drilling rig and related ancillary equipment, with an aggregate net carrying value of \$725,000, as assets held for sale and recorded an impairment of \$38,000 to reduce the value of these assets to its fair value, less estimated selling costs. The impairment expense was included in the "Impairment of assets" line item in the accompanying Consolidated Statements of Operations for the year ended September 30, 2021.

#### *Foreign currency (gain) loss*

Foreign currency gain was \$76,000 during the year ended September 30, 2023, as compared to a foreign currency loss was of \$484,000 during the year ended September 30, 2022, as compared to none during the year ended September 30, 2021 due to the effects of foreign exchange rate changes on intercompany loans and advances as a result of the strengthening/weakening of the U.S. dollar against the Canadian dollar. The foreign currency loss/gains and losses from intercompany balances was are included in our consolidated net earnings statement of operations as the intercompany balances were not considered long-term in nature because management estimates that these intercompany balances will be settled in the future.

#### *Gain on termination of Post-Retirement Medical plan*

In June 2021, the Company terminated its Post-retirement Medical plan, which covered officers of the Company who had attained at least 20 years of service of which at least 10 years were at the position

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of Vice President or higher, their spouses and qualifying dependents, effective June 4, 2021. The Post-retirement Medical plan was an unfunded plan and the Company funded benefits when payments were made. As result of the plan termination, the Company recognized a non-cash gain of \$2,341,000 during the year ended September 30, 2021.

#### Gain on sale of assets

In July 2021, Barnwell completed the sale of a purchase and sale agreement with contract drilling segment drilling rig to an independent third party for proceeds of \$551,000, net of related costs. The drilling rig was fully depreciated and sold its interests in certain natural gas had a net book value of zero and oil properties located in the Spirit River area as a result of Alberta, Canada. The sales price per the agreement was adjusted for customary purchase price adjustments to \$1,047,000 in order to, among other things, reflect an economic effective closing date of sale of July 8, 2021. Income taxes were withheld by the buyers from Barnwell's net proceeds for potential amounts due to the Canada Revenue Agency related to the sale, and the amount was subsequently refunded to Barnwell in fiscal 2022.

The difference in the relationship between capitalized costs and proved reserves of the Spirit River properties sold, as compared to the properties retained by Barnwell, was significant as there was Company recognized a 93% difference in capitalized costs divided by proved reserves if the \$551,000 gain was recorded versus the gain being credited against the full-cost pool. Accordingly, Barnwell recorded a gain on the sale of Spirit River of \$818,000 in during the year ended September 30, 2021 in accordance with the guidance in Rule 4-10(c)(6)(i) of Regulation S-X of the rules and regulations of the SEC, which requires an allocation of capitalized costs to the reserves sold and reserves retained on the basis of the relative fair values of the properties as there was a substantial economic difference between the properties sold and those retained. Also included in the gain calculation were asset retirement obligations of \$77,000 assumed by the purchaser.

In September 2021, the Company's Honolulu corporate office was sold for approximately \$1,864,000, net of related costs, resulting in a gain of \$1,164,000, which was recognized in the year ended September 30, 2021 September 30, 2023.

#### Equity in income of affiliates

Barnwell's investment in the Kukio Resort Land Development Partnerships is accounted for using the equity method of accounting. Barnwell recognized equity in income of affiliates of \$3,400,000 \$758,000 for the year ended September 30, 2022 September 30, 2023, as compared to equity in income of affiliates of \$5,793,000 \$3,400,000 for the year ended September 30, 2021 September 30, 2022. The decrease in partnership income is primarily due to the Kukio Resort Land Development Partnerships' sale of eight lots one lot during the prior current year period, as compared to six lot sales in the current year period, and \$459,000 in preferred return payments received from KKM in the prior year period as compared to none in the current year period.

During the year ended September 30, 2023, Barnwell received cash distributions of \$758,000 from the Kukio Resort Land Development Partnership resulting in a net amount of \$674,000, after distributing \$84,000 to non-controlling interests. During the year ended September 30, 2022, Barnwell received cash distributions of \$3,400,000 from the Kukio Resort Land Development Partnership resulting in a net amount of \$3,028,000, after distributing \$372,000 to non-controlling interests. During the year ended September 30, 2021, Barnwell received net cash distributions in the amount of \$6,011,000 from the Kukio Resort Land Development Partnerships after distributing \$683,000 to non-controlling interests. Of the \$6,011,000 net cash distribution received from the Kukio Resort Land Development Partnerships, \$459,000 represented a payment of the preferred return from KKM, as discussed in Note 3 of the Notes to Consolidated Financial Statements.

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In the quarter ended June 30, 2021, the Company received cumulative distributions from the Kukio Resort Land Development Partnerships in excess of our investment balance and in accordance with applicable accounting guidance, the Company suspended its equity method earnings

recognition and the Kukio Resort Land Development Partnership investment balance was reduced to zero with the distributions received in excess of our investment balance recorded as equity in income of affiliates

because the distributions are not refundable by agreement or by law and the Company is not liable for the obligations of or otherwise committed to provide financial support to the Kukio Resort Land Development Partnerships. The Company will record future equity method earnings only after our share of the Kukio Resort Land Development Partnership's cumulative earnings in excess of distributions during the suspended period exceeds our share of the Kukio Resort Land Development Partnership's income recognized for the excess distributions, and during this suspended period any distributions received will be recorded as equity in income of affiliates. Accordingly, the amount of equity in income of affiliates recognized in the year ended September 30, 2022 September 30, 2023 was equivalent to the \$3,400,000 \$758,000 of distributions received in that period.

Cumulative distributions received from the Kukio Resort Land Development Partnerships in excess of our investment balance was \$708,000 at September 30, 2023 and \$958,000 at September 30, 2022 and \$654,000 at September 30, 2021.

In November 2022, Barnwell received a net cash distribution in the amount of \$478,000 from the Kukio Resort Land Development Partnerships. Financial results from this distribution will be reflected in Barnwell's first quarter of fiscal 2023 ending December 31, 2022.

Additionally, in November 2022, Kaupulehu Developments received a percentage of sales payment of \$265,000 from the sale of one lot within Increment I. Financial results from the receipt of this payment will be reflected in Barnwell's first quarter of fiscal 2023 ending December 31, 2022. Accordingly, with the inclusion of the lot sale subsequent to September 30, 2022, one single-family lot of the 80 lots developed within Increment I remained to be sold as of the date of this report. The Company does not have a controlling interest in Increments I and II, and there is no assurance with regards to the amounts of future sales from Increments I and II, or that the remaining acreage within Increment II will be developed. No definitive development plans have been made by the developer of Increment II as of the date of this report.

#### Income taxes

The components of (loss) earnings before income taxes, after adjusting the (loss) earnings for non-controlling interests, are as follows:

		Year ended September 30,		Year ended September 30,	
		2022		2023	
		United States	United States	United States	United States
United States	United States	\$ 739,000	\$ 5,436,000	\$ (2,414,000)	\$ 739,000
Canada	Canada	5,121,000	1,149,000	1,400,000	5,121,000
		\$ 5,860,000	\$ 6,585,000	\$ (1,014,000)	\$ 5,860,000

Barnwell's effective consolidated income tax benefit rate for fiscal 2022, 2023, after adjusting earnings loss before income taxes for non-controlling interests, was 6% 5%, as compared to 5% an effective consolidated income tax rate of 6% for fiscal 2021, 2022.

Consolidated taxes do not bear a customary relationship to pretax results due primarily to the fact that the Company is taxed separately in Canada based on Canadian source operations and in the U.S.

based on consolidated operations, and essentially all deferred tax assets, net of relevant offsetting deferred tax liabilities, are not estimated to have a future benefit as tax credits or deductions. The Company operates two subsidiaries in Canada, one of which is a U.S. corporation operating as a branch in Canada that is treated as a non-resident for Canadian tax purposes and thus has operating results that cannot be offset against or combined with the other Canadian subsidiary that files as a resident for Canadian tax purposes. Income from our non-controlling interest in the Kukio Resort Land Development Partnerships is treated as non-unitary for state of Hawaii unitary filing purposes, thus unitary Hawaii losses provide limited

sheltering of such non-unitary income. Income from our investment in the Oklahoma oil venture is 100% allocable to Oklahoma, and therefore, Oklahoma. As such, Barnwell receives no benefit from consolidated or unitary losses and, therefore, is subject to Oklahoma state taxes. Consolidated taxes also include the impacts of favorable state jurisdiction provision to tax return true-ups. Our operations in Texas are subject to a franchise tax assessed by the state of Texas, however no significant amounts have been incurred to date.

In addition, Canadian jurisdiction net operating loss carryforwards, all the benefit of which had not previously been recognized due to the Company's continuing full valuation allowance, at the end of the previous fiscal year, are being partially utilized in that jurisdiction in the current year to offset taxable income in the U.S. federal and Canadian jurisdictions. The net operating loss carryforwards beyond the current year's utilization continue to have a full valuation allowance as realization of their benefit is not more likely than not.

Included in the current income tax provision for the year ended September 30, 2022 is a \$62,000 expense for income tax penalties and interest thereon for the non-filing of IRS Form 8858 in each of our U.S. federal income tax returns for fiscal years 2019, 2020 and 2021. The Company is in the process of amending its prepared amended U.S. federal tax returns for each of these years to include Form 8858 and plans to request a statement of reasonable cause. The amended returns were filed in September and October 2023 and the Company requested abatement of any potential penalties and interest which could subsequently be assessed. The Company is awaiting a response from the IRS and the probability of success of the abatement request remains uncertain. No additional expenses related to the potential penalties and interest. There was no such expense interest were included in the current income tax provision for the year ended September 30, 2021 September 30, 2023.

On June 28, 2019, the Government of Alberta reduced its corporate income tax rate from 12% to 11%, effective July 1, 2019, with further reductions in the rate by 1% on January 1 of every year until it reaches 8% on January 1, 2022. On June 29, 2020, the Government of Alberta introduced Alberta's Recovery Plan which will, among other things, reduce Alberta's general corporate income tax rate to 8% (from 10%) effective July 1, 2020. This reduction was enacted in the quarter ended December 31, 2020. Canadian deferred tax assets and liabilities have been measured using the enacted tax rates in effect for the year in which the differences are expected to reverse. Alberta rate changes had no significant impact to earnings/loss as a result of a full valuation allowance being applied to Canadian deferred tax assets.

#### *Net earnings attributable to non-controlling interests*

Earnings and losses attributable to non-controlling interests represent the non-controlling interests' share of revenues and expenses related to the various partnerships and joint ventures in which Barnwell has controlling interests and consolidates.

Net earnings attributable to non-controlling interests totaled \$659,000 \$150,000 in fiscal 2022, 2023, as compared to net earnings attributable to non-controlling interests of \$950,000 \$659,000 in fiscal 2021, 2022. The \$291,000 (31%) \$509,000 (77%) decrease is primarily due to decreases in the amount of equity in income of affiliates and percentage of sales revenue received in the current year period as compared to the same period in the prior year.

#### *Inflation*

The effect of inflation on Barnwell has generally been to increase its cost of operations, general and administrative costs and direct costs associated with oil and natural gas production and contract drilling operations. Oil and natural gas prices realized by Barnwell are essentially determined by world prices for oil and western Canadian/Midwestern U.S. prices for natural gas.

#### *Impact of Recently Issued Accounting Standards on Future Filings*

In June 2016, the Financial Accounting Standards Board ("FASB") issued ASU No. 2016-13, "Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments," which replaces the incurred loss model with an expected loss model referred to as the current expected credit loss ("CECL") model. The CECL model is applicable to the measurement of credit losses on financial assets measured at

amortized cost, including but not limited to trade receivables. This ASU is effective for annual reporting periods beginning after December 15, 2022, and interim periods within those annual periods. The FASB has subsequently issued other related ASUs which amend ASU 2016-13 to provide clarification and additional guidance. The Company adoption of this update is currently evaluating the not expected to have a material impact of these standards on Barnwell's consolidated financial statements.

## Liquidity and Capital Resources

Barnwell's primary sources of liquidity are cash on hand, cash flow generated by operations, and land investment segment proceeds. Prior to the suspension of the at-the-market offering program ("ATM") in August 2022, the Company received \$2,356,000 in net proceeds from the shares of common stock sold under the ATM in fiscal 2022. At September 30, 2022 September 30, 2023, Barnwell had \$11,170,000 \$2,487,000 in working capital.

### Cash Flows

Cash flows provided by operating activities totaled \$7,291,000 \$1,943,000 for fiscal 2022, 2023, as compared to cash flows provided by operating activities of \$831,000 \$7,291,000 for the same period in fiscal 2021, 2022. This \$6,460,000 \$5,348,000 change in operating cash flows was primarily due to significantly higher lower operating results for the oil and

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natural gas segment which in the current year period as compared to the prior year period. Additionally, the change was partially offset by lower operating results for the contract drilling segment and also due to a decrease in distributions of income from the Kukio Resort Land Development Partnerships in the current year period as compared to the prior year period. The change was also due to period and fluctuations in working capital.

Cash flows used in investing activities totaled \$7,112,000 \$11,180,000 for fiscal 2022, 2023, as compared to cash flows provided by used in investing activities of \$3,686,000 \$7,112,000 for fiscal 2021, 2022. This \$10,798,000 \$4,068,000 change in investing cash flows was primarily due to an increase of \$1,215,000 in payments to acquire oil and natural gas properties, an increase of \$7,084,000 \$2,697,000 in cash paid for oil and natural gas capital expenditures, a decrease of \$1,419,000 received \$904,000 in distributions proceeds from equity investees the sale of interest in excess leasehold land, net of earnings, costs paid, and a net decrease of \$1,177,000 \$1,741,000 in proceeds from related to the sale of assets in the current year period as compared to same period in the prior year, partially offset by a \$1,563,000 decrease in payments to acquire oil and natural gas properties in the current year period as compared to the same period in the prior year.

Cash flows provided by used in financing activities totaled \$1,560,000 \$786,000 for fiscal 2022, 2023, as compared to cash flows provided by financing activities of \$2,192,000 \$1,560,000 for fiscal 2021, 2022. The \$632,000 \$2,346,000 change in financing cash flows was primarily attributed due to a decrease \$450,000 increase in payment of \$823,000 dividends and a \$2,356,000 decrease in proceeds from issuance of common stock, net of costs, related to the Company's ATM at-the-market offering in the prior year period, partially offset by a \$149,000 increase in dividend payments, and a \$490,000 decrease of \$387,000 in distributions to non-controlling interests in the current year period as compared to the same period in the prior year.

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### Cash Dividend Dividends

In August 2022, The following table sets forth the Company's Board of Directors declared a cash dividend of \$0.015 dividends paid per share that was paid on September 6, 2022 to stockholders of record on August 23, 2022. common stock during fiscal 2023 and 2022.

Record Date	Date of Payment	Dividend Paid
August 24, 2023	September 11, 2023	\$0.015
May 25, 2023	June 12, 2023	\$0.015
February 23, 2023	March 13, 2023	\$0.015
December 27, 2022	January 11, 2023	\$0.015
August 23, 2022	September 6, 2022	\$0.015

#### Canada Emergency Business Account Loan

In the quarter ended December 31, 2020, the Company's Canadian subsidiary, Barnwell of Canada, received ~~an interest-free~~ loan of CAD\$40,000 (in Canadian dollars) under the Canada Emergency Business Account ("CEBA") loan program for small businesses. In the quarter ended March 31, 2021, the Company applied for an increase to our CEBA loan and received an additional CAD\$20,000 for a total loan amount received of CAD\$60,000 (\$44,000) ~~45,000~~ under the program. In January 2022, the Canadian government announced the extension of the ~~The~~ CEBA loan repayment deadline and ~~interest-free~~ period from December 31, 2022 to December 31, 2023. Accordingly, the CEBA loan ~~is~~ was interest-free with no principal payments required until December 31, 2023, after which the remaining loan balance is converted to a two year term loan at 5% annual interest paid monthly. If and if the Company repays ~~repaid~~ 66.7% of the principal amount prior to December 31, 2023, there will ~~33.3%~~ of the loan would be loan forgiveness of 33.3% up to a maximum of CAD\$20,000.

#### Paycheck Protection Program Loan ~~forgiven~~.

In April 2020, September 2023, the Company as obligor, entered into a promissory note evidencing an unsecured ~~repaid~~ the loan ~~in balance of~~ CAD\$40,000 and the ~~approximate amount~~ ~~remaining~~ loan balance of \$147,000 under CAD\$20,000 was forgiven per the Paycheck Protection Program ("PPP") pursuant to the Coronavirus Aid, Relief, and Economic Security Act. The note was to mature two years after the date ~~terms~~ of the CEBA loan disbursement with interest at a fixed annual rate of 1.00% and with the principal and interest payments deferred until ten months after the last day of the covered period. In April 2021, the Company was notified by the lender of our PPP loan that the entire PPP loan amount and related accrued interest was forgiven by the Small Business Administration. As ~~agreement~~. Accordingly, as a result of the loan forgiveness, the Company recognized a gain on debt extinguishment of \$149,000 ~~\$15,000~~ during the year ended September 30, 2021. September 30, 2023, which was included in the "Gas processing and other" line item in the accompanying Consolidated Statements of Operations.

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#### At The Market Offering

On March 16, 2021, the Company entered into a Sales Agreement (the "Sales Agreement") with A.G.P./Alliance Global Partners ("A.G.P."), with respect to the ~~ATM~~ at-the-market offering program ("ATM") pursuant to which the Company may offer and sell, from time to time, shares of its common stock, par value \$0.50 per share, having an aggregate sales price of up to \$25 million (subject to certain limitations set forth in the Sales Agreement and applicable securities laws, rules and regulations), through or to A.G.P as the Company's sales agent or as principal. Sales of our common stock under the ATM, if any, will be made by any methods deemed to be "at the market offerings" as defined in Rule 415(a)(4) under the Securities Act, including sales made directly on the NYSE American, on any other existing trading market for our Common Stock, or to or through a market maker. Shares of common stock sold under the ATM are offered pursuant to the Company's Registration Statement on Form S-3 (File No. 333-254365), filed with the Securities and Exchange Commission on March 16, 2021, and declared effective on March 26, 2021 (the "Registration Statement"), and the prospectus dated March 26, 2021, included in the Registration Statement.

During the year ended September 30, 2022, the Company sold 509,467 shares of common stock resulting in net proceeds of \$2,356,000 after commissions and fees of \$75,000 and ATM-related professional services of \$22,000. During the year ended September 30, 2021, the Company sold 1,167,987 shares of common stock resulting in net proceeds of \$3,179,000 after commissions and fees of \$123,000 and ATM-related professional services of \$605,000.

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As of September 30, 2022, the Company has received \$5,535,000 in cumulative net proceeds from the shares sold under the ATM program. In August 2022, the Company's Board of Directors suspended the sales of our common stock under the ATM until further notice.

#### Oil and Natural Gas Capital Expenditures

Barnwell's oil and natural gas capital expenditures, including accrued capital expenditures and acquisitions of oil and natural gas properties and excluding additions and revisions to estimated asset retirement obligations, increased \$8,835,000 decreased \$323,000 from \$2,217,000 in fiscal 2021 to \$11,052,000 in fiscal 2022. 2022 to \$10,729,000 in fiscal 2023.

In December 2022, Barnwell Texas, LLC ("Barnwell Texas"), a new wholly-owned subsidiary of the Company, entered into a purchase and sale agreement with an independent third party whereby Barnwell Texas acquired a 22.3% non-operated working interest in oil and natural gas leasehold acreage in the Permian Basin in Texas for cash consideration of \$806,000. In connection with the purchase of such leasehold interests, Barnwell Texas acquired a 15.4% non-operated working interest in two oil wells in the Wolfcamp Formation in Loving and Ward Counties, Texas and has paid \$4,293,000 for its share of the costs to drill, complete and equip the wells during the year ended September 30, 2023. The two gross (0.3 net) non-operated wells began producing in late April 2023 and the Company's share of net production from these wells totaled 12,000 barrels of oil, 12,000 barrels of natural gas liquids, and 121,000 Mcf of natural gas during the year ended September 30, 2023.

In the quarter ended March 31, 2023, the Company participated in the drilling of three gross (0.9 net) non-operated wells in the Twining area of Alberta, Canada. All three wells were completed and began producing during the latter part of the three months ended June 30, 2023. Capital expenditures incurred for the drilling of these wells and Twining facilities during the year ended September 30, 2023 totaled approximately \$4,770,000.

In fiscal 2022, the Company participated in the drilling of six gross (1.7 net) non-operated wells in the Twining area during the year ended September 30, 2022. Capital expenditures incurred by the Company for these non-operated wells totaled \$4,366,000 for the year ended September 30, 2022. Five gross (1.4 net) wells were producing at September 30, 2022 and Additionally, the remaining one gross (0.3 net) well is awaiting tie in and is expected to produce in fiscal 2023. The Company drilled one gross (1.0 net)

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operated well in the Twining area which was producing at September 30, 2022. Capital and capital expenditures incurred by the Company for this operated well was \$2,852,000. The Company did not drill or participate in the drilling of wells in Canada during the year ended September 30, 2021.

The Company did not drill or participate in the drilling of wells in Oklahoma during the year ended September 30, 2022. In fiscal 2021, the Company participated in the drilling of seven gross (0.2 net) non-operated wells in Oklahoma. Capital expenditures incurred by the Company for these Oklahoma wells totaled \$1,178,000 \$2,852,000 for the year ended September 30, 2021 September 30, 2022.

#### Oil and Natural Gas Property Acquisitions and Dispositions

##### Acquisitions

###### Fiscal 2022

In the quarter ended December 31, 2021, Barnwell acquired working interests in oil and natural gas properties located in the Twining area of Alberta, Canada, for cash consideration of \$317,000.

In January 2022, the quarter ended March 31, 2022, Barnwell acquired additional working interests in oil and natural gas properties located in the Twining area of Alberta, Canada for consideration of \$1,246,000. The purchase price per the agreement was adjusted for customary purchase price adjustments to reflect the economic activity from the effective date to the closing date. The final determination of the customary adjustments to the purchase price has not yet been made, however, it is not expected to result in a material adjustment. Barnwell also assumed \$1,500,000 in asset retirement obligations associated with the acquisition.

In April 2021, Barnwell acquired additional working interests in oil and natural gas properties located in the Twining area of Alberta, Canada for cash consideration of \$348,000. The purchase price per the agreement was adjusted for customary purchase price adjustments to reflect the

economic activity from the effective date to the closing date.

#### ***Dispositions***

There were no significant oil and natural gas property dispositions during the year ended September 30, 2022. The \$503,000 of proceeds from sale of oil and natural gas properties included in the Consolidated Statement of Cash Flows for the year ended September 30, 2022 primarily represents the

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refund of income taxes previously withheld from what otherwise would have been proceeds on prior year's fiscal 2021's oil and natural gas property sales.

In April 2021, Barnwell entered into a purchase and sale agreement with an independent third party and sold its interests in properties located in the Hillsdown area of Alberta, Canada. The sales price per the agreement was adjusted for customary purchase price adjustments to \$132,000 in order to, among other things, reflect an economic effective date of October 1, 2020. \$72,000 of the sales proceeds was withheld by the buyers for potential amounts due for Barnwell's Canadian income taxes related to the sale. The proceeds were credited to the full cost pool, with no gain or loss recognized, as the sale did not result in a significant alteration of the relationship between capitalized costs and proved reserves.

In July 2021, Barnwell completed a purchase and sale agreement with an independent third party and sold its interests in certain natural gas and oil properties located in the Spirit River area of Alberta, Canada. The sales price per the agreement was adjusted for customary purchase price adjustments to \$1,047,000 in order to, among other things, reflect an economic effective closing date of sale of July 8, 2021. Income taxes were withheld by the buyers from Barnwell's net proceeds for potential amounts due to the Canada Revenue Agency related to the sale, and the amount was subsequently refunded to Barnwell in fiscal 2022.

The difference in the relationship between capitalized costs and proved reserves of the Spirit River properties sold, as compared to the properties retained by Barnwell, was significant as there was a 93% difference in capitalized costs divided by proved reserves if the gain was recorded versus the gain being credited against the full-cost pool. Accordingly, Barnwell recorded a gain on the sale of Spirit River of \$818,000 in the year ended September 30, 2021 in accordance with the guidance in Rule 4-10(c)(6)(i) of Regulation S-X of the rules and regulations of the SEC, which requires an allocation of capitalized costs to the reserves sold and reserves retained on the basis of the relative fair values of the properties as there was a substantial economic difference between the properties sold and those retained. Also included in the gain calculation were asset retirement obligations of \$77,000 assumed by the purchaser.

#### ***Asset Retirement Obligation***

In September 2019, the AER issued an abandonment/closure order for all wells and facilities in the Manyberries area which had been largely operated by LGX, an operating company that went into receivership in 2016. The estimated asset retirement obligation for the Company's interest in the wells and facilities in the Manyberries area is included in "Asset retirement obligation" in the Consolidated Balance Sheets.

Recently, After the abandonment/closure order was issued for Manyberries, the OWA created a WIP program for specific areas where there are a significant number of orphaned wells to abandon. The OWA has the ability and expertise to abandon wells using its internal resources and network of service providers resulting in efficiencies that companies such as Barnwell would not be able to obtain on its own. Under the WIP program, the Company would be required to provide payment for only Barnwell's working interest share, however, all WIP's would have to participate in the program for the OWA to begin its work. In March 2021, the Company was notified by the OWA that Barnwell's Manyberries wells were confirmed to be in the WIP program.

Under the new agreement with the OWA, the Company is required to pay the abandonment and reclamation costs in advance through a cash deposit. The total cash deposit amount was calculated to be approximately \$1,525,000 and the Company paid \$888,000 of the total deposit in July and August 2021 and will may need to pay the remaining balance of \$637,000 by August 2023.2024. The Company revised its

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Manyberries ARO liability based on the OWA's revised abandonment and reclamation estimates, which resulted in an increase of approximately \$213,000 in the year ended September 30, 2021. The increase in the ARO liability was a result of higher reclamation and remediation costs than anticipated, partially offset by lower abandonment estimates. Based on a review of the details of the cash deposit calculation provided by the OWA, which includes amounts added for possible contingencies, the Company believes the required cash deposit amount by the OWA is higher than the actual costs of the asset retirement obligation for the Manyberries wells and that any excess of the deposit over actual asset retirement costs for the first phase of the work would be credited toward the second phase of the work. A remaining excess deposit, if any, would ultimately be refunded to

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the Company upon completion of all of the work. As of September 30, 2022 at September 30, 2023, the Company recognized a cumulative reduction in the deposit balance of \$113,000 \$300,000 for work performed under this program.

#### *Contractual Obligations*

Disclosure is not required as Barnwell qualifies as a smaller reporting company.

#### **Contingencies**

For a detailed discussion of contingencies, see Note 17 in the "Notes to Consolidated Financial Statements" in Item 8 of this report.

#### **ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK**

Disclosure is not required as Barnwell qualifies as a smaller reporting company.

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#### **ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA**

##### **Report of Independent Registered Public Accounting Firm**

To the Board of Stockholders and Board of Directors of  
Barnwell Industries, Inc.

##### **Opinion on the Consolidated Financial Statements**

We have audited the accompanying consolidated balance sheets of Barnwell Industries, Inc. and subsidiaries (the Company) as of September 30, 2022 September 30, 2023 and 2021, 2022, and the related consolidated statements of operations, comprehensive (loss) income, (loss), equity, (deficit), and cash flows for the years then ended, and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Company as of September 30, 2022 September 30, 2023 and 2021, 2022, and the results of its operations and its cash flows for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

##### **Basis for Opinion**

These financial statements are the responsibility of the entity's management. Our responsibility is to express an opinion on these financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

#### **Critical Audit Matters**

The critical audit matters communicated below are matters arising from the current period audit of the financial statements that were communicated or required to be communicated to the audit committee and that: (1) relate to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters

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does not alter in any way our opinion on the financial statements, taken as a whole, and we are not, by

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communicating the critical audit matters below, providing separate opinions on the critical audit matters or on the accounts or disclosures to which they relate.

#### **Estimation of proved reserves impacting the recognition and valuation of depletion expense and impairment of oil and gas properties**

##### Critical Accounting Matter Description

As described in Note 1 to the financial statements, the Company accounts for its oil and gas properties using the full cost method of accounting which requires management to make estimates of proved reserve volumes and future revenues and expenses to calculate depletion expense and measure its oil and gas properties for potential impairment. To estimate the volume of proved reserves and future revenues, management makes significant estimates and assumptions, including forecasting the production decline rate of producing properties and forecasting the timing and volume of production associated with the Company's development plan for proved undeveloped properties. In addition, the estimation of proved reserves is also impacted by management's judgments and estimates regarding the financial performance of wells associated with proved reserves to determine if wells are expected, with reasonable certainty, to be economical under the appropriate pricing assumptions required in the estimation of depletion expense and potential impairment measurements. We identified the estimation of proved reserves of oil and gas properties, due to its impact on depletion expense and impairment evaluation, as a critical audit matter.

The principal consideration for our determination that the estimation of proved reserves is a critical audit matter is that changes in certain inputs and assumptions, which require a high degree of subjectivity necessary to estimate the volume and future revenues of the Company's proved reserves could have a significant impact on the measurement of depletion expense or the impairment assessment. In turn, auditing those inputs and assumptions required subjective and complex auditor judgement.

##### How the Critical Audit Matter was Addressed in the Audit

We obtained an understanding of the design and implementation of management's controls and our audit procedures related to the estimation of proved reserves included the following, among others.

- We evaluated the level of knowledge, skill, and ability of the Company's reservoir engineering specialists and their relationship to the Company, made inquiries of those reservoir engineers regarding the process followed and judgments made to estimate the Company's proved reserve

volumes, and read the reserve report prepared by the Company's specialists.

- To the extent key, sensitive inputs and assumptions used to determine proved reserve volumes and other cash flow inputs and assumptions are derived from Company's accounting records, such as commodity pricing, historical pricing differentials, operating costs, and working and net revenue interests, we tested management's process for determining the assumptions, including examining the underlying support, on a sample basis. Specifically, our audit procedures involved testing management's assumptions, to the extent key, as follows:

- Compared the estimated pricing differentials used in the reserve report to realized prices related to revenue transactions recorded in the current year and examined contractual support for the pricing differentials;
- Evaluated the forecasted operating costs at year-end compared to historical operating costs;
- Evaluated the working and net revenue interests used in the reserve report by inspecting a sample of ownership interests, interests;

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- Evaluated the Company's evidence supporting the amount of proved undeveloped properties reflected in the reserve report by examining support for the Company's or the operator's ability and intent to develop the proved undeveloped properties;

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- Applied analytical procedures to the reserve report by comparing to historical actual results and to the prior year reserve report.

#### **Revenue recognition based on the percentage of completion method**

##### Critical Accounting Matter Description

As described further in Note 1 to the financial statements, revenues derived from contract drilling contracts are recognized over time, as performance obligations are satisfied, due to the continuous transfer of control to the customer, using the percentage-of-completion method of accounting, based primarily on contract cost incurred to date compared to total estimated contract cost. Revenue recognition under this method is judgmental, particularly on lump-sum contracts, as it requires the Company to prepare estimates of total contract revenue and total contract costs, including costs to complete in-process contracts.

Auditing the Company's estimates of total contract revenue and costs used to recognize revenue on contract drilling contracts involved significant auditor judgment, as it required the evaluation of subjective factors such as assumptions related to project schedule and completion, forecasted labor, and material and subcontract costs. These assumptions involved significant management judgment, which affects the measurement of revenue recognized by the Company.

##### How the Critical Audit Matter was Addressed in the Audit

We obtained an understanding of the design and implementation of management's controls and our audit procedures related to the estimation of proved reserves included the following, among others.

- We obtained an understanding of the Company's estimation process that affected revenue recognized on engineering and construction contracts. This included controls over management's monitoring and review of project costs, including the Company's procedures to validate the completeness and accuracy of data used to determine the estimates;
- We selected a sample of projects and, among other procedures, obtained and inspected the contract agreements, amendments and change orders to test the existence of customer arrangements and understand the scope of pricing of the related contracts;
- Evaluated the Company's estimated revenue and costs to complete by obtaining and analyzing supporting documentation of management's estimates of variable consideration and contract costs;
- Compared contract profitability estimates in the current year to historical estimates and actual performance.

/s/ WEAVER AND TIDWELL, L.L.P.

We have served as the Company's auditor since 2020.

BARNWELL INDUSTRIES, INC. AND SUBSIDIARIES  
CONSOLIDATED BALANCE SHEETS

		September 30,		September 30,	
		2022	2021	2023	2022
<u>ASSETS</u>	<u>ASSETS</u>				
Current assets:	Current assets:				
Cash and cash equivalents	Cash and cash equivalents	\$ 12,804,000	\$ 11,279,000	\$ 2,830,000	\$ 12,804,000
Accounts and other receivables, net of allowance for doubtful accounts of: \$231,000 at September 30, 2022; \$391,000 at September 30, 2021		4,361,000	3,069,000		
Accounts and other receivables, net of allowance for doubtful accounts of: \$284,000 at September 30, 2023; \$231,000 at September 30, 2022				3,246,000	4,361,000
Income taxes receivable	Income taxes receivable	—	530,000	16,000	—
Assets held for sale		—	687,000		
Other current assets	Other current assets	2,932,000	2,470,000	2,993,000	2,932,000
Total current assets	Total current assets	20,097,000	18,035,000	9,085,000	20,097,000
Asset for retirement benefits	Asset for retirement benefits	3,385,000	2,229,000	4,471,000	3,385,000
Operating lease right-of-use assets	Operating lease right-of-use assets	132,000	296,000	54,000	132,000
Oil and natural gas properties, full cost method of accounting:					
Proved properties, net		13,232,000	2,423,000		
Unproved properties		—	962,000		
Total oil and natural gas properties, net		13,232,000	3,385,000		
Property and equipment:				Property and equipment:	
Proved oil and natural gas properties, net (full cost method)				Proved oil and natural gas properties, net (full cost method)	
Drilling rigs and other property and equipment, net	Drilling rigs and other property and equipment, net	369,000	490,000	21,302,000	13,232,000
Total property and equipment, net				Drilling rigs and other property and equipment, net	
Total assets	Total assets	\$ 37,215,000	\$ 24,435,000	509,000	369,000
<u>LIABILITIES AND EQUITY</u>	<u>LIABILITIES AND EQUITY</u>			<u>LIABILITIES AND EQUITY</u>	
Current liabilities:	Current liabilities:			Current liabilities:	

Accounts payable	Accounts payable	\$ 1,462,000	\$ 1,416,000	Accounts payable	\$ 881,000	\$ 1,462,000
Accrued capital expenditures	Accrued capital expenditures	1,655,000	909,000	Accrued capital expenditures	1,099,000	1,655,000
Accrued compensation	Accrued compensation	999,000	1,073,000	Accrued compensation	726,000	999,000
Accrued operating and other expenses	Accrued operating and other expenses	1,576,000	1,171,000	Accrued operating and other expenses	1,747,000	1,576,000
Current portion of asset retirement obligation	Current portion of asset retirement obligation	1,327,000	713,000	Current portion of asset retirement obligation	1,536,000	1,327,000
Other current liabilities	Other current liabilities	1,908,000	619,000	Other current liabilities	609,000	1,908,000
<b>Total current liabilities</b>	<b>Total current liabilities</b>	<b>8,927,000</b>	<b>5,901,000</b>	<b>Total current liabilities</b>	<b>6,598,000</b>	<b>8,927,000</b>
Long-term debt	Long-term debt	44,000	47,000	Long-term debt	—	44,000
Operating lease liabilities	Operating lease liabilities	117,000	180,000	Operating lease liabilities	47,000	117,000
Liability for retirement benefits	Liability for retirement benefits	1,649,000	2,101,000	Liability for retirement benefits	1,664,000	1,649,000
Asset retirement obligation	Asset retirement obligation	7,129,000	6,340,000	Asset retirement obligation	8,297,000	7,129,000
Deferred income tax liabilities	Deferred income tax liabilities	188,000	359,000	Deferred income tax liabilities	58,000	188,000
<b>Total liabilities</b>	<b>Total liabilities</b>	<b>18,054,000</b>	<b>14,928,000</b>	<b>Total liabilities</b>	<b>16,664,000</b>	<b>18,054,000</b>
Commitments and contingencies (Note 17)	Commitments and contingencies (Note 17)			Commitments and contingencies (Note 17)		
<b>Equity:</b>	<b>Equity:</b>			<b>Equity:</b>		
Common stock, par value \$0.50 per share; authorized, 40,000,000 shares:	Common stock, par value \$0.50 per share; authorized, 40,000,000 shares:			Common stock, par value \$0.50 per share; authorized, 40,000,000 shares:		
10,124,587 issued at September 30, 2022; 9,613,525 issued at September 30, 2021		<b>5,062,000</b>	4,807,000			
10,158,678 issued at September 30, 2023; 10,124,587 issued at September 30, 2022				10,158,678 issued at September 30, 2023; 10,124,587 issued at September 30, 2022		
Additional paid-in capital	Additional paid-in capital	7,351,000	4,590,000	Additional paid-in capital	7,687,000	7,351,000
Retained earnings	Retained earnings	7,720,000	2,356,000	Retained earnings	6,160,000	7,720,000
Accumulated other comprehensive income, net	Accumulated other comprehensive income, net	1,294,000	32,000	Accumulated other comprehensive income, net	2,104,000	1,294,000
Treasury stock, at cost:	Treasury stock, at cost:			Treasury stock, at cost:		
167,900 shares at September 30, 2022 and 2021		<b>(2,286,000)</b>	(2,286,000)			
167,900 shares at September 30, 2023 and 2022				167,900 shares at September 30, 2023 and 2022		
<b>Total stockholders' equity</b>	<b>Total stockholders' equity</b>	<b>19,141,000</b>	9,499,000	<b>Total stockholders' equity</b>	<b>18,744,000</b>	19,141,000
Non-controlling interests	Non-controlling interests	20,000	8,000	Non-controlling interests	13,000	20,000

Total equity	Total equity	<b>19,161,000</b>	9,507,000	Total equity	<b>18,757,000</b>	19,161,000
Total liabilities and equity	Total liabilities and equity	<b>\$ 37,215,000</b>	\$ 24,435,000	Total liabilities and equity	<b>\$ 35,421,000</b>	\$ 37,215,000

See Notes to Consolidated Financial Statements

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**BARNWELL INDUSTRIES, INC. AND SUBSIDIARIES**  
**CONSOLIDATED STATEMENTS OF OPERATIONS**

	Year ended September 30,		Year ended September 30,	
	2022	2021	2023	2022
<b>Revenues:</b>			<b>Revenues:</b>	
Oil and natural gas	Oil and natural gas	\$ 22,581,000	Oil and natural gas	\$ 19,376,000
Contract drilling	Contract drilling	4,540,000	Contract drilling	5,427,000
Sale of interest in leasehold land	Sale of interest in leasehold land	1,295,000	Sale of interest in leasehold land	265,000
Gas processing and other	Gas processing and other	129,000	Gas processing and other	201,000
		<b>28,545,000</b>		<b>25,269,000</b>
<b>Costs and expenses:</b>			<b>Costs and expenses:</b>	
Oil and natural gas operating	Oil and natural gas operating	9,439,000	Oil and natural gas operating	10,434,000
Contract drilling operating	Contract drilling operating	4,591,000	Contract drilling operating	5,669,000
General and administrative	General and administrative	8,044,000	General and administrative	6,956,000
Depletion, depreciation, and amortization	Depletion, depreciation, and amortization	2,778,000	Depletion, depreciation, and amortization	4,457,000
Impairment of assets	Impairment of assets	89,000	Impairment of assets	—
Foreign currency loss	Foreign currency loss	<b>484,000</b>	Foreign currency loss	<b>(76,000)</b>
Interest expense	Interest expense	1,000	Interest expense	2,000
Gain on debt extinguishment		—		
Gain on termination of post-retirement medical plan		—	(149,000)	
Gain on sale of assets	Gain on sale of assets	—	(2,341,000)	
		<b>25,426,000</b>		<b>(1,982,000)</b>
Earnings before equity in income of affiliates and income taxes		<b>3,119,000</b>	Earnings before equity in income of affiliates and income taxes	<b>1,742,000</b>
(Loss) earnings before equity in income of affiliates and income taxes			(Loss) earnings before equity in income of affiliates and income taxes	
			(1,622,000)	<b>3,119,000</b>

Equity in income of affiliates	Equity in income of affiliates	<b>3,400,000</b>	5,793,000	Equity in income of affiliates	<b>758,000</b>	3,400,000
Earnings before income taxes		<b>6,519,000</b>	7,535,000			
Income tax provision		<b>347,000</b>	332,000			
Net earnings		<b>6,172,000</b>	7,203,000			
(Loss) earnings before income taxes				(Loss) earnings before income taxes	<b>(864,000)</b>	6,519,000
Income tax (benefit) provision				Income tax (benefit) provision	<b>(53,000)</b>	347,000
Net (loss) earnings				Net (loss) earnings	<b>(811,000)</b>	6,172,000
Less: Net earnings attributable to non-controlling interests	Less: Net earnings attributable to non-controlling interests	<b>659,000</b>	950,000	Less: Net earnings attributable to non-controlling interests	<b>150,000</b>	659,000
Net earnings attributable to Barnwell Industries, Inc. stockholders		<b>\$ 5,513,000</b>	\$ 6,253,000			
Basic net earnings per common share				Net (loss) earnings attributable to Barnwell Industries, Inc. stockholders	<b>\$ (961,000)</b>	\$ 5,513,000
Net (loss) earnings attributable to Barnwell Industries, Inc. stockholders				Basic net (loss) earnings per common share	<b>\$ (0.10)</b>	\$ 0.57
Basic net (loss) earnings per common share				Attributable to Barnwell Industries, Inc. stockholders	<b>\$ 0.57</b>	\$ 0.73
Attributable to Barnwell Industries, Inc. stockholders	Attributable to Barnwell Industries, Inc. stockholders	<b>\$ 0.57</b>	\$ 0.73	Attributable to Barnwell Industries, Inc. stockholders	<b>\$ (0.10)</b>	\$ 0.57
Diluted net earnings per common share				Diluted net (loss) earnings per common share	<b>\$ (0.10)</b>	\$ 0.57
Diluted net (loss) earnings per common share				Attributable to Barnwell Industries, Inc. stockholders	<b>\$ 0.57</b>	\$ 0.73
Attributable to Barnwell Industries, Inc. stockholders	Attributable to Barnwell Industries, Inc. stockholders	<b>\$ 0.57</b>	\$ 0.73	Attributable to Barnwell Industries, Inc. stockholders	<b>\$ (0.10)</b>	\$ 0.57
Weighted-average number of common shares outstanding:	Weighted-average number of common shares outstanding:			Weighted-average number of common shares outstanding:		
Basic	Basic	<b>9,732,936</b>	8,592,154	Basic	<b>9,969,856</b>	9,732,936
Diluted	Diluted	<b>9,732,936</b>	8,592,154	Diluted	<b>9,969,856</b>	9,732,936

See Notes to Consolidated Financial Statements

**BARNWELL INDUSTRIES, INC. AND SUBSIDIARIES**  
**CONSOLIDATED STATEMENTS OF COMPREHENSIVE (LOSS) INCOME**

		Year ended September 30,		Year ended September 30,	
		2022	2021	2023	2022
Net earnings		\$ 6,172,000	\$ 7,203,000		
Net (loss) earnings				Net (loss) earnings \$ (811,000)	\$ 6,172,000
Other comprehensive (loss) income:	Other comprehensive (loss) income:			Other comprehensive (loss) income:	
Foreign currency translation adjustments, net of taxes of \$0	Foreign currency translation adjustments, net of taxes of \$0	(40,000)	(283,000)	Foreign currency translation adjustments, net of taxes of \$0 (2,000)	(40,000)
Retirement plans:	Retirement plans:			Retirement plans:	
Amortization of accumulated other comprehensive loss into net periodic benefit cost, net of taxes of \$0		—	101,000		
Amortization of accumulated other comprehensive gain into net periodic benefit cost, net of taxes of \$0				Amortization of accumulated other comprehensive gain into net periodic benefit cost, net of taxes of \$0 (79,000)	—
Net actuarial gain arising during the period, net of taxes of \$0	Net actuarial gain arising during the period, net of taxes of \$0	1,302,000	1,108,000	Net actuarial gain arising during the period, net of taxes of \$0 891,000	1,302,000
Gain on termination of post-retirement medical plan, net of taxes of \$0		—	541,000		
Total other comprehensive income	Total other comprehensive income	1,262,000	1,467,000	Total other comprehensive income 810,000	1,262,000
Total comprehensive income		7,434,000	8,670,000		
Total comprehensive (loss) income				Total comprehensive (loss) income (1,000)	7,434,000
Less:				Less:	
Less: Comprehensive income attributable to non-controlling interests	Comprehensive income attributable to non-controlling interests	(659,000)	(950,000)	Comprehensive income attributable to non-controlling interests (150,000)	(659,000)
Comprehensive income attributable to Barnwell Industries, Inc.		\$ 6,775,000	\$ 7,720,000		
Comprehensive (loss) income attributable to Barnwell Industries, Inc.				Comprehensive (loss) income attributable to Barnwell Industries, Inc. \$ (151,000)	\$ 6,775,000

See Notes to Consolidated Financial Statements

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**BARNWELL INDUSTRIES, INC. AND SUBSIDIARIES**  
**CONSOLIDATED STATEMENTS OF EQUITY**  
Years ended **September 30, 2022 September 30, 2023 and 2021**

	Shares Outstanding	Common Stock	Additional Paid-In Capital	Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Treasury Stock	Non-controlling Interests	Total Equity (Deficit)	Shares Outstanding	Common Stock
				(Accumulated Deficit)	Income (Loss)					
<b>Balance at September 30, 2020</b>	8,277,160	\$4,223,000	\$1,350,000	\$ (3,897,000)	\$ (1,435,000)	\$ (2,286,000)	\$ 92,000	\$ (1,953,000)		
Net earnings	—	—	—	6,253,000	—	—	950,000	7,203,000		
Foreign currency translation adjustments, net of taxes of \$0	—	—	—	—	(283,000)	—	—	(283,000)		
Distributions to non-controlling interests	—	—	—	—	—	—	(1,034,000)	(1,034,000)		
Share-based compensation	—	—	643,000	—	—	—	—	643,000		
Issuance of common stock, net of costs	1,167,987	583,000	2,596,000	—	—	—	—	3,179,000		
Issuance of common stock for services	478	1,000	1,000	—	—	—	—	2,000		
Retirement plans:										
Amortization of accumulated other comprehensive loss into net periodic benefit cost, net of taxes of \$0	—	—	—	—	101,000	—	—	101,000		
Net actuarial gain arising during the period, net of taxes of \$0	—	—	—	—	1,108,000	—	—	1,108,000		
Gain on termination of post-retirement medical plan, net of taxes of \$0	—	—	—	—	541,000	—	—	541,000		
<b>Balance at September 30, 2021</b>	<b>9,445,625</b>	<b>4,807,000</b>	<b>4,590,000</b>	<b>2,356,000</b>	<b>32,000</b>	<b>(2,286,000)</b>	<b>8,000</b>	<b>9,507,000</b>	<b>2021</b>	<b>9,445,625</b>
Net earnings	Net earnings	—	—	—	5,513,000	—	—	659,000	6,172,000	Net earnings
Foreign currency translation adjustments, net of taxes of \$0	—	—	—	—	(40,000)	—	—	(40,000)	Foreign currency translation adjustments, net of taxes of \$0	—
Distributions to non-controlling interests	—	—	—	—	—	—	(647,000)	(647,000)	Distributions to non-controlling interests	—
Share-based compensation	Share-based compensation	—	—	657,000	—	—	—	657,000	Share-based compensation	—
Issuance of common stock, net of costs	Issuance of common stock, net of costs	509,467	255,000	2,101,000	—	—	—	2,356,000	Issuance of common stock, net of costs	509,467
Issuance of common stock for services	Issuance of common stock for services	1,595	—	3,000	—	—	—	3,000	Issuance of common stock for services	1,595
Dividends declared, \$0.015 per share	Dividends declared, \$0.015 per share	—	—	—	(149,000)	—	—	(149,000)	Dividends declared, \$0.015 per share	—

Retirement plans:	Retirement plans:		Retirement plans:
Net actuarial gain arising during the period, net of taxes of \$0	Net actuarial gain arising during the period, net of taxes of \$0	1,302,000	Net actuarial gain arising during the period, net of taxes of \$0
<b>Balance at September 30, 2022</b>	<b>Balance at September 30, 2022</b>	<b>9,956,687</b> <b>\$5,062,000</b> <b>\$7,351,000</b> <b>\$ 7,720,000</b> <b>\$ 1,294,000</b> <b>\$(2,286,000)</b> <b>\$ 20,000</b> <b>\$19,161,000</b>	<b>Balance at September 30, 2022</b>
Net (loss) earnings	Net (loss) earnings	—	Net (loss) earnings
Foreign currency translation adjustments, net of taxes of \$0	Foreign currency translation adjustments, net of taxes of \$0	—	Foreign currency translation adjustments, net of taxes of \$0
Distributions to non-controlling interests	Distributions to non-controlling interests	—	Distributions to non-controlling interests
Share-based compensation	Share-based compensation	—	Share-based compensation
Issuance of common stock for services	Issuance of common stock for services	34,091	17,091
Dividends declared, \$0.060 per share	Dividends declared, \$0.060 per share	—	Dividends declared, \$0.060 per share
Retirement plans:	Retirement plans:		Retirement plans:
Amortization of accumulated other comprehensive gain into net periodic benefit cost, net of taxes of \$0	Amortization of accumulated other comprehensive gain into net periodic benefit cost, net of taxes of \$0	—	Amortization of accumulated other comprehensive gain into net periodic benefit cost, net of taxes of \$0
Net actuarial gain arising during the period, net of taxes of \$0	Net actuarial gain arising during the period, net of taxes of \$0	—	Net actuarial gain arising during the period, net of taxes of \$0
<b>Balance at September 30, 2023</b>		<b>9,990,778</b> <b>\$5,079,000</b>	<b>Balance at September 30, 2023</b>

See Notes to Consolidated Financial Statements

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BARNWELL INDUSTRIES, INC. AND SUBSIDIARIES  
CONSOLIDATED STATEMENTS OF CASH FLOWS

	Year ended September 30,		Year ended September 30,	
	2022	2021	2023	2022

Cash flows from operating activities:		Cash flows from operating activities:		Cash flows from operating activities:			
Net earnings		\$ 6,172,000	\$ 7,203,000				
Adjustments to reconcile net earnings to net cash provided by operating activities:							
Net (loss) earnings				Net (loss) earnings	\$ (811,000)	\$ 6,172,000	
Adjustments to reconcile net (loss) earnings to net cash provided by operating activities:							
Equity in income of affiliates	Equity in income of affiliates	(3,400,000)	(5,793,000)	Equity in income of affiliates	(758,000)	(3,400,000)	
Depletion, depreciation, and amortization	Depletion, depreciation, and amortization	2,778,000	963,000	Depletion, depreciation, and amortization	4,457,000	2,778,000	
Impairment of assets	Impairment of assets	89,000	668,000	Impairment of assets	—	89,000	
Gain on sale of oil and natural gas properties							
Gain on sale of other assets							
Gain on sale of assets							
Sale of interest in leasehold land, net of fees paid	Sale of interest in leasehold land, net of fees paid	(1,137,000)	(1,526,000)	Sale of interest in leasehold land, net of fees paid	(233,000)	(1,137,000)	
Distributions of income from equity investees	Distributions of income from equity investees	3,170,000	5,045,000	Distributions of income from equity investees	539,000	3,170,000	
Retirement benefits income	Retirement benefits income	(272,000)	(88,000)	Retirement benefits income	(252,000)	(272,000)	
Accretion of asset retirement obligation	Accretion of asset retirement obligation	767,000	580,000	Accretion of asset retirement obligation	808,000	767,000	
Deferred income tax (benefit) expense		(171,000)	165,000	Deferred income tax benefit	(130,000)	(171,000)	
Deferred income tax benefit							
Asset retirement obligation payments	Asset retirement obligation payments	(942,000)	(421,000)	Asset retirement obligation payments	(1,005,000)	(942,000)	
Share-based compensation expense	Share-based compensation expense	657,000	643,000	Share-based compensation expense	263,000	657,000	
Common stock issued for services	Common stock issued for services	3,000	1,000	Common stock issued for services	90,000	3,000	
Non-cash rent income	Non-cash rent income	(1,000)	(4,000)	Non-cash rent income	(25,000)	(1,000)	
Retirement plan contributions and payments	Retirement plan contributions and payments	(3,000)	(14,000)	Retirement plan contributions and payments	(3,000)	(3,000)	
Bad debt expense	Bad debt expense	124,000	32,000	Bad debt expense	38,000	124,000	
Foreign currency loss		484,000	—	Foreign currency (gain) loss	(76,000)	484,000	
Foreign currency (gain) loss				Gain on debt extinguishment	(15,000)	—	
Gain on debt extinguishment	Gain on debt extinguishment	—	(149,000)				

Gain on termination of post-retirement medical plan					
Decrease from changes in current assets and liabilities	Decrease from changes in current assets and liabilities	—	(2,341,000)	Decrease from changes in current assets and liabilities	Decrease from changes in current assets and liabilities
Net cash provided by operating activities	Net cash provided by operating activities	(1,027,000)	(2,151,000)	(393,000)	(1,027,000)
Cash flows from investing activities:	Cash flows from investing activities:	7,291,000	831,000	1,943,000	7,291,000
Distributions from equity investees in excess of earnings	Distributions from equity investees in excess of earnings	230,000	1,649,000	219,000	230,000
Proceeds from sale of interest in leasehold land, net of fees paid	Proceeds from sale of interest in leasehold land, net of fees paid	1,137,000	1,526,000	233,000	1,137,000
Proceeds from sale of oil and natural gas assets	Proceeds from sale of oil and natural gas assets	503,000	581,000	—	503,000
Proceeds from sale of contract drilling and other assets, net of closing costs	Proceeds from sale of contract drilling and other assets, net of closing costs	687,000	1,864,000	—	687,000
Proceeds from sale of contract drilling assets	Proceeds from sale of contract drilling assets	—	—	—	687,000
Deposit for sale of contract drilling asset	Deposit for sale of contract drilling asset	551,000	—	—	551,000
Payments to acquire oil and natural gas properties	Payments to acquire oil and natural gas properties	(1,563,000)	(348,000)	—	(1,563,000)
Capital expenditures - oil and natural gas	Capital expenditures - oil and natural gas	(8,607,000)	(1,523,000)	(11,304,000)	(8,607,000)
Capital expenditures - all other	Capital expenditures - all other	(50,000)	(63,000)	(328,000)	(50,000)
Net cash (used in) provided by investing activities	Net cash (used in) provided by investing activities	(7,112,000)	3,686,000	—	—
Net cash used in investing activities	Net cash used in investing activities	—	—	—	—
Cash flows from financing activities:	Cash flows from financing activities:	—	—	—	—
Repayment of long-term debt	Repayment of long-term debt	—	(30,000)	—	—
Borrowings on long-term debt	Borrowings on long-term debt	—	47,000	—	—
Distributions to non-controlling interests	Distributions to non-controlling interests	(647,000)	(1,034,000)	(157,000)	(647,000)
Proceeds from issuance of stock, net of costs	Proceeds from issuance of stock, net of costs	2,356,000	3,179,000	—	2,356,000
Payment of dividends	Payment of dividends	(149,000)	—	(599,000)	(149,000)
Net cash provided by financing activities	Net cash provided by financing activities	1,560,000	2,192,000	—	—
Net cash (used in) provided by financing activities	Net cash (used in) provided by financing activities	—	—	—	—
Effect of exchange rate changes on cash and cash equivalents	Effect of exchange rate changes on cash and cash equivalents	(214,000)	(14,000)	49,000	(214,000)
Net increase in cash and cash equivalents	Net increase in cash and cash equivalents	1,525,000	6,695,000	—	—

Net (decrease) increase in cash and cash equivalents		Net (decrease) increase in cash and cash equivalents	
Cash and cash equivalents at beginning of year	Cash and cash equivalents at beginning of year	Cash and cash equivalents at beginning of year	(9,974,000)
Cash and cash equivalents at end of year	Cash and cash equivalents at end of year	Cash and cash equivalents at end of year	1,525,000
	<b>\$ 11,279,000</b>	<b>4,584,000</b>	<b>12,804,000</b>

See Notes to Consolidated Financial Statements

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## BARNWELL INDUSTRIES, INC.

### AND SUBSIDIARIES

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

YEARS ENDED SEPTEMBER 30, 2022 2023 AND 2021 2022

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

##### *Description of Business*

Barnwell is engaged in the following lines of business: 1) acquiring, developing, producing and selling oil and natural gas in Canada and Oklahoma, the U.S., 2) investing in land interests in Hawaii, and 3) drilling wells and installing and repairing water pumping systems in Hawaii.

##### *Principles of Consolidation*

The consolidated financial statements include the accounts of Barnwell Industries, Inc. and all majority-owned subsidiaries (collectively referred to herein as "Barnwell," "we," "our," "us," or the "Company"), including a 77.6%-owned land investment general partnership (Kaupulehu Developments), a 75%-owned land investment partnership (KD Kona), and a variable interest entity (Teton Barnwell Fund I, LLC) for which the Company is deemed to be the primary beneficiary. All significant intercompany accounts and transactions have been eliminated.

Undivided interests in oil and natural gas exploration and production joint ventures are consolidated on a proportionate basis. Barnwell's investments in both unconsolidated entities in which a significant, but less than controlling, interest is held and in VIEs in which the Company is not deemed to be the primary beneficiary are accounted for by the equity method.

##### *Use of Estimates in the Preparation of Consolidated Financial Statements*

The preparation of the consolidated financial statements in conformity with U.S. GAAP requires management of Barnwell to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses and the disclosure of contingent assets and liabilities. Actual results could differ significantly from those estimates. Significant assumptions are required in the valuation of deferred tax assets, asset retirement obligations, share-based payment arrangements, obligations for retirement plans, contract drilling estimated costs to complete, and proved oil and natural gas reserves, and the carrying value of other assets, and such assumptions may impact the amount at which such items are recorded.

##### *Reclassifications*

Certain reclassifications of prior period amounts have been made in the Notes to Consolidated Financial Statements Note 9 to conform to the current period presentations. These reclassifications had no effect on previously reported net earnings, cash flows, total assets, or stockholders' equity.

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## Revenue Recognition

Barnwell operates in and derives revenue from the following three principal business segments:

- *Oil and Natural Gas Segment* - Barnwell engages in oil and natural gas development, production, acquisitions and sales in Canada and Oklahoma, the U.S.
- *Land Investment Segment* - Barnwell invests in land interests in Hawaii.
- *Contract Drilling Segment* - Barnwell provides well drilling services and water pumping system installation and repairs in Hawaii.

*Oil and Natural Gas* - Barnwell's investments in oil and natural gas properties are located in Alberta, Canada, Oklahoma, and Oklahoma, Texas. These property interests are principally held under governmental leases or licenses. Barnwell sells the large majority of its oil, natural gas and natural gas liquids production under short-term contracts between itself and marketers based on prices indexed to market prices and recognizes revenue at a point in time when the oil, natural gas and natural gas liquids are delivered, as this is where Barnwell's performance obligation is satisfied and title has passed to the customer.

*Land Investment* - Barnwell is entitled to receive contingent residual payments from the entities that previously purchased Barnwell's land investment interests under contracts entered into in prior years. The residual payments under those contracts become due when the entities sell lots and/or residential units in the areas that were previously sold under the aforementioned contracts or when a preferred payment threshold is achieved. The residual payments received by Barnwell are recognized as revenue when it is probable that a significant reversal in the amount of cumulative revenue recognized will not occur.

*Contract Drilling* - Through contracts which are normally less than twelve months in duration, Barnwell drills water and water monitoring wells and installs and repairs water pumping systems in Hawaii. Barnwell recognizes revenue from well drilling or the installation of pumps over time based on total costs incurred on the projects relative to the total expected costs to satisfy the performance obligation as management believes this is an accurate representation of the percentage of completion as control is continuously transferred to the customer. Uninstalled materials, which typically consists of well casing or pumps, are excluded in the costs-to-costs calculation for the duration of the contract as including these costs would result in a distortion of progress towards satisfaction of the performance obligation due to the resulting cumulative catch-up in margin in a single period. An equal amount of cost and revenue is recorded when uninstalled materials are controlled by the customer, which is typically when Barnwell has the right to payment for the materials and when the materials are delivered to the customer's site or location and such materials have been accepted by the customer. Uninstalled materials are held in inventory and included in "Other current assets" on the Company's Consolidated Balance Sheets until control is transferred to the customer. When the estimate on a contract indicates a loss, Barnwell records the entire estimated loss in the period the loss becomes known.

The contract price may include variable consideration, which includes such items as increases to the transaction price for unapproved change orders and claims for which price has not yet been agreed by the customer. The Company estimates variable consideration using either the most likely amount or expected value method, whichever is a more appropriate reflection of the amount to which it expects to be entitled based on the characteristics and circumstances of the contract. Variable consideration is included

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in the estimated transaction price to the extent it is probable that a significant reversal of cumulative recognized revenue will not occur.

Contract price and cost estimates are reviewed periodically as work progresses and adjustments proportionate to the costs incurred to date to total estimated costs at completion are reflected in contract revenues in the reporting period when such estimates are revised. The nature of accounting for these contracts is such that refinements of the estimated costs to complete may occur and are characteristic of the estimation process due to changing conditions and new developments. Many factors and assumptions can and do change during a contract performance obligation period which can result in a change to contract profitability including unforeseen underground geological conditions (to the extent that contract remedies are unavailable), the availability and costs of skilled contract labor, the performance of major material suppliers, the performance of major subcontractors, unusual weather conditions and unexpected changes in material costs, changes in the scope and nature of the work to be performed, and unexpected construction execution errors, among others. These factors may result in revisions to costs and income and are recognized in the period in which the revisions become known. Revenue and profit in future periods of contract performance are recognized using the adjusted estimate.

Management evaluates the performance of contracts on an individual basis. In the ordinary course of business, but at least quarterly, we prepare updated estimates that may impact the cost and profit or loss for each contract based on actual results to date plus management's best estimate of costs to be incurred to complete each performance obligation. The cumulative effect of revisions in estimates of the total forecasted revenue and costs, including any unapproved change orders and claims, during the course of the contract is reflected in the accounting period in which the facts that caused the revision become known. Changes in the cost estimates can have a material impact on our consolidated financial statements and are reflected in the results of operations when they become known.

Unexpected significant inefficiencies that were not considered a risk at the time of entering into the contract, such as design or construction execution errors that result in significant wasted resources, are excluded from the measure of progress toward completion and the costs are expensed as incurred.

To the extent a contract is deemed to have multiple performance obligations, the Company allocates the transaction price of the contract to each performance obligation using its best estimate of the standalone selling price of each distinct good or service in the contract.

When the Company receives consideration, or such consideration is unconditionally due, from a customer prior to transferring goods or services to the customer under the terms of a sales contract, the Company records deferred revenue, which represents a contract liability. Such deferred revenue typically results from billings in excess of costs and estimated earnings on uncompleted contracts. Contract liabilities are included in "Other current liabilities" on the Company's Consolidated Balance Sheets. Costs and estimated earnings in excess of billings represent certain amounts under customer contracts that were earned and billable, but yet not invoiced, and are included in contract assets and reported in "Other current assets" on the Company's Consolidated Balance Sheets.

#### *Cash and Cash Equivalents*

Cash and cash equivalents include cash on hand and short-term investments with original maturities of three months or less.

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#### *Concentration of Credit Risk*

Financial instruments that potentially subject the Company to concentrations of credit risk consist primarily of cash and cash equivalents. We maintain bank account balances with high quality financial institutions which often exceed insured limits. We have not experienced any losses with these accounts and believe that we are not exposed to any significant credit risk on cash.

#### *Accounts and Other Receivables*

Accounts receivable are recorded at the invoiced amount and do not bear interest. The allowance for doubtful accounts is Barnwell's best estimate of the amount of probable credit losses in Barnwell's existing accounts receivable and is based on historical write-off experience and the application of the specific identification method. Account balances are charged off against the allowance after all means of collection have been exhausted and the potential for recovery is considered remote. Barnwell does not have any off-balance sheet credit exposure related to its customers.

#### *Investments in Real Estate*

Barnwell accounts for sales of Increment I and Increment II leasehold land interests under the full accrual method. Gains from such sales were recognized when the buyer's investments were adequate to demonstrate a commitment to pay for the property, risks and rewards of ownership transferred to the buyer, and Barnwell did not have a substantial continuing involvement with the property sold. With regard to payments Kaupulehu Developments is entitled to receive from KD I and KD II, the percentage of sales payments from KD I and KD II and percentage of distributions from KD II are contingent future profits which will be recognized when they are realized. All costs of the sales of Increment I and Increment II leasehold land interests were recognized at the time of sale and were not deferred to future periods when any contingent profits will be recognized.

#### *Variable Interest Entities*

The consolidation of VIEs is required when an enterprise has a controlling financial interest and is therefore the VIE's primary beneficiary. A controlling financial interest will have both of the following characteristics: (a) the power to direct the activities of a VIE that most significantly impact the VIE's economic performance and (b) the obligation to absorb losses of the VIE that could potentially be significant to the VIE or the right to receive benefits from the VIE that could potentially be significant to the VIE. The determination of whether an entity is a VIE and, if so, whether the Company is the primary beneficiary, may require significant judgment.

Barnwell analyzes its entities in which it has a variable interest to determine whether the entities are VIEs and, if so, whether the Company is the primary beneficiary. This analysis includes a qualitative review based on an evaluation of the design of the entity, its organizational structure, including decision making ability and financial agreements, as well as a quantitative review. Entities that have been determined to be VIEs and for which we have a controlling financial interest and are therefore the VIE's primary beneficiary are consolidated (see Note 4). Entities that have been determined to be VIEs and for which we do not have a controlling financial interest and are therefore not the VIE's primary beneficiary are not consolidated. These unconsolidated entities are accounted for under the equity method (see Note 3).

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#### *Equity Method Investments*

Affiliated companies, which are limited partnerships or similar entities, in which Barnwell holds more than a 3% to 5% ownership interest and does not control, are accounted for as equity method investments. Equity method investment adjustments include Barnwell's proportionate share of investee income or loss, adjustments to recognize certain differences between Barnwell's carrying value and Barnwell's equity in net assets of the investee at the date of investment, impairments and other adjustments required by the equity method. Gains or losses are realized when such investments are sold. Barnwell classifies distributions received from equity method investments using the cumulative earnings approach in the Consolidated Statements of Cash Flows. Under the cumulative earnings approach, distributions received up to the amount of cumulative equity in earnings recognized are treated as returns on investment and are classified within operating cash flows and those in excess of that amount are treated as returns of investment and are classified within investing cash flows.

Investments in equity method investees are evaluated for impairment as events or changes in circumstances indicate that the carrying amount of such assets may not be recoverable. If the carrying amounts of the assets exceed their respective fair values, additional impairment tests are performed to measure the amounts of the impairment losses, if any. When an impairment test demonstrates that the fair value of an investment is less than its carrying value, management will determine whether the impairment is either temporary or other-than-temporary. Examples of factors which may be indicative of an other-than-temporary impairment include (a) the length of time and extent to which fair value has been less than carrying value, (b) the financial condition and near-term prospects of the investee, and (c) the intent and ability to retain the investment in the investee for a period of time sufficient to allow for any anticipated recovery in fair value. If the decline in fair value is determined by management to be other-than-temporary, the carrying value of the investment is written down to its estimated fair value as of the balance sheet date of the reporting period in which the assessment is made.

#### *Oil and Natural Gas Properties*

Barnwell uses the full cost method of accounting under which all costs incurred in the acquisition, exploration and development of oil and natural gas reserves, including costs related to unsuccessful wells and estimated future site restoration and abandonment, are capitalized. We capitalize internal costs that can be directly identified with our acquisition, exploration and development activities and do not include any costs related to production, general corporate overhead or similar activities.

The capitalized costs of oil and gas properties, excluding unevaluated and unproved properties, are amortized as depreciation, depletion and amortization expense using the units-of-production method based on estimated proved recoverable oil and gas reserves.

Costs associated with unevaluated and unproved properties, initially excluded from the amortization base, relate to unproved leasehold acreage, wells and production facilities in progress and wells pending determination of the existence of proved reserves. Unproved leasehold costs are transferred to the amortization base with the costs of drilling the related well once a determination of the existence of proved reserves has been made or upon impairment of a lease. Costs associated with wells in progress and completed wells that have yet to be evaluated are transferred to the amortization base once a determination is made whether or not proved reserves can be assigned to the property. Costs of dry wells are transferred to the amortization base immediately upon determination that the well is unsuccessful.

All items classified as unevaluated and unproved properties are assessed on a quarterly basis for possible impairment or reduction in value. Properties are assessed on an individual basis or as a group if properties are individually insignificant. The assessment includes consideration of various factors, including, but not limited to, the following: intent to drill; remaining lease term; geological and geophysical evaluations; drilling results and activity; assignment of proved reserves; and economic viability of development if proved reserves are assigned. During any period in which these factors indicate an impairment, the cumulative drilling costs incurred to date for such property and all or a portion of the associated leasehold costs are transferred to the full cost pool and become subject to amortization.

Under the full cost method of accounting, we review the carrying value of our oil and natural gas properties, on a country-by-country basis, each quarter in what is commonly referred to as the ceiling test. Under the ceiling test, capitalized costs, net of accumulated depletion and oil and natural gas related deferred income taxes, may not exceed an amount equal to the sum of 1) the discounted present value (at 10%), using average first-day-of-the-month prices during the 12-month period ending as of the balance sheet date held constant over the life of the reserves, of Barnwell's estimated future net cash flows from estimated production of proved oil and natural gas reserves as determined by independent petroleum reserve engineers, less estimated future expenditures to be incurred in developing and producing the proved reserves but excluding future cash outflows associated with settling asset retirement obligations with the exception of those associated with proved undeveloped reserves from wells that are to be drilled in the future; plus 2) the cost of major development projects and unproven properties not subject to depletion, if any; plus 3) the lower of cost or estimated fair value of unproven properties included in costs subject to depletion; less 4) related income tax effects. If net capitalized costs exceed this limit, the excess is expensed. Depletion is computed using the units-of-production method whereby capitalized costs, net of estimated salvage values, plus estimated future costs to develop proved reserves and satisfy asset retirement obligations, are amortized over the total estimated proved reserves on a country-by-country basis. Investments in major development projects are not depleted until either proved reserves are associated with the projects or impairment has been determined. Proceeds from the disposition of oil and natural gas properties are credited to the full cost pool, with no gain or loss recognized, unless such a sale would significantly alter the relationship between capitalized costs and the proved reserves in a particular country.

Given the volatility of oil and gas prices, it is reasonably possible that the estimate of discounted future net cash flows from proved oil and gas reserves could change in the near term. If oil and gas prices decline in the future, even if only for a short period of time, it is possible that impairments of oil and gas properties could occur. In addition, it is reasonably possible that impairments could occur if costs are incurred in excess of any increases in the present value of future net cash flows from proved oil and gas reserves, or if properties are sold for proceeds less than the discounted present value of the related proved oil and gas reserves.

Barnwell's sales reflect its working interest share after royalties. Barnwell's production is generally delivered and sold at the plant gate. Barnwell does not have transportation volume commitments with pipelines and does not have natural gas imbalances related to natural gas balancing arrangements with its partners.

#### *Acquisitions*

In accordance with the guidance for business combinations, Barnwell determines whether an acquisition is a business combination, which requires that the assets acquired and liabilities assumed constitute a business. Each business combination is then accounted for by applying the acquisition method

of accounting. If the assets acquired are not a business, the Company accounts for the transaction as an asset acquisition. Under both methods purchase prices are allocated to acquired assets and assumed liabilities based on their estimated fair value at the time of the acquisition. For transactions that are business combinations, the Company evaluates the existence of goodwill or a gain from a bargain purchase. The Company capitalizes acquisition-related costs and fees associated with asset acquisitions and immediately expenses acquisition-related costs and fees associated with business combinations.

#### *Long-lived Assets*

Long-lived assets to be held and used, other than oil and natural gas properties, are evaluated for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be fully recoverable. Recoverability is measured by comparing the carrying amount of the asset to the future net cash flows expected to result from use of the asset (undiscounted and without interest charges). If it is determined that the asset may not be recoverable, impairment loss is measured as the amount by which the carrying amount of the asset exceeds the fair value of the asset. Long-lived assets to be disposed of are reported at the lower of the asset carrying value or fair value, less cost to sell.

Water well drilling rigs, office and other property and equipment are depreciated using the straight-line method based on estimated useful lives.

#### Share-based Compensation

Share-based compensation cost for Barnwell's equity-classified stock options, restricted stock units, and common stock issued for services is measured at fair value and is recognized as an expense over the requisite service period. For stock options, Barnwell utilizes a closed-form valuation model to determine the fair value of each option award. Expected volatilities are based on the historical volatility of Barnwell's stock over a period consistent with that of the expected terms of the options. The expected terms of the options represent expectations of future employee exercise and are estimated based on factors such as vesting periods, contractual expiration dates, historical trends in Barnwell's stock price, and historical exercise behavior. If the Company does not have sufficient historical data regarding employee exercise behavior, the "simplified method" as permitted by the SEC's Staff Accounting Bulletin No. 110, *Share-Based Payment* is utilized to estimate the expected terms of the options. The risk-free rates for periods within the contractual life of the options are based on the yields of U.S. Treasury instruments with terms comparable to the estimated option terms. Expected dividends are based on historical dividend payments. For restricted stock units, Barnwell utilizes the closing market price of the Company's common stock on the grant date reduced by the present value of the dividends expected to be paid on the underlying shares of common stock during the requisite service period (as these awards are not entitled to receive dividends until vested) to determine the fair value of each restricted stock unit award. For common stock issued for services, Barnwell utilizes the closing market price of the Company's common stock on the grant date to determine the fair value of the common stock issued for services. The Company's policy is to recognize forfeitures as they occur.

#### Retirement Plans

Barnwell accounts for its defined benefit pension plan and Supplemental Executive Retirement Plan and post-retirement medical insurance benefits plan, which was terminated in June 2021, by recognizing the over-funded or under-funded status as an asset or liability in its Consolidated Balance Sheets and recognizes changes in that funded status in the year in which the changes occur through comprehensive income. See further discussion at Note 8.

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The estimation of Barnwell's retirement plan obligations, costs and liabilities requires management to estimate the amount and timing of cash outflows for projected future payments and cash inflows for maturities and expected returns on plan assets. These assumptions may have an effect on the amount and timing of future contributions.

At the end of each year, Barnwell determines the discount rate to be used to calculate the present value of plan liabilities and the net periodic benefit cost. The discount rate is an estimate of the current

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interest rate at which the retirement plan liabilities could be effectively settled at the end of the year. In estimating this rate, Barnwell performs a cash-flow matching discount rate analysis developed using high-quality corporate bonds yield. The discount rate used to value the future benefit obligation as of each year-end is the rate used to determine the periodic benefit cost in the following year.

The expected long-term return on assets assumption for the pension plans represents the average rate of return to be earned on plan assets over the period the benefits included in the benefit obligation are to be paid. The actual fair value of plan assets and estimated rate of return is used to determine the expected investment return during the year. The estimated rate of return on plan assets is based on an estimate of future experience for plan asset returns, the mix of plan assets, current market conditions, and expectations for future market conditions. A decrease (increase) of 50 basis

points in the expected return on assets assumption would increase (decrease) pension expense by approximately **\$56,000** **\$59,000** based on the assets of the plan at **September 30, 2022** **September 30, 2023**.

The effects of changing assumptions are included in unamortized net gains and losses, which directly affect accumulated other comprehensive income. These unamortized gains and losses in excess of certain thresholds are amortized and reclassified to (loss) income over the average remaining service life of active employees.

#### *Asset Retirement Obligation*

Barnwell accounts for asset retirement obligations by recognizing the fair value of a liability for an asset retirement obligation in the period in which it is incurred if a reasonable estimate of fair value can be made. Barnwell estimates the fair value of asset retirement obligations based on the projected discounted future cash outflows required to settle abandonment and restoration liabilities. Such an estimate requires assumptions and judgments regarding the existence of liabilities, the amount and timing of cash outflows required to settle the liability, what constitutes adequate restoration, inflation factors, credit adjusted discount rates, and consideration of changes in legal, regulatory, environmental and political environments. Abandonment and restoration cost estimates are determined in conjunction with Barnwell's reserve engineers based on historical information regarding costs incurred to abandon and restore similar well sites, information regarding current market conditions and costs, and knowledge of subject well sites and properties. These assumptions represent Level 3 inputs.

Barnwell's estimated site restoration and abandonment costs of its oil and natural gas properties are capitalized as part of the carrying amount of oil and natural gas properties and depleted over the life of the related reserves. When the assumptions used to estimate a recorded asset retirement obligation change, a revision is recorded to both the asset retirement obligation and the capitalized cost of asset retirements. The liability is accreted at the end of each period through charges to oil and natural gas operating expense.

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#### *Income Taxes*

Income taxes are determined using the asset and liability method. Deferred tax assets and liabilities are recognized for the estimated future tax impacts of differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases. Deferred tax assets and liabilities are measured using enacted tax rates in effect for the year in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date. A valuation allowance is provided when it is more likely than not that some portion or all of the deferred tax asset will not be realized.

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Management evaluates its potential exposures from tax positions taken that have been or could be challenged by taxing authorities. These potential exposures result because taxing authorities may take positions that differ from those taken by management in the interpretation and application of statutes, regulations and rules. Management considers the possibility of alternative outcomes based upon past experience, previous actions by taxing authorities (e.g., actions taken in other jurisdictions) and advice from tax experts. Recognized tax positions are initially and subsequently measured as the largest amount of tax benefit that is more likely than not of being realized upon ultimate settlement with a taxing authority on a jurisdiction-by-jurisdiction basis. Liabilities for unrecognized tax benefits related to such tax positions are included in long-term liabilities unless the tax position is expected to be settled within the upcoming year, in which case the liabilities are included in current liabilities. Interest and penalties related to uncertain tax positions are included in **income tax expense**.

Our operations in Texas are subject to a franchise tax assessed by the state of Texas which is presented as income tax expense.

#### *Environmental*

Barnwell is subject to extensive environmental laws and regulations. These laws, which are constantly changing, regulate the discharge of materials into the environment and maintenance of surface conditions and may require Barnwell to remove or mitigate the environmental effects of the disposal or release of petroleum or chemical substances at various sites. Environmental expenditures are expensed or capitalized depending on their future economic benefit. Expenditures that relate to an existing condition caused by past operations and that have no future economic benefit are expensed. Liabilities for expenditures of a noncapital nature are recorded when environmental assessment and/or remediation is probable, and the costs can be reasonably estimated.

Barnwell recognizes an insurance receivable related to environmental expenditures when collection of the receivable is deemed probable. Any recognition of an insurance receivable is recorded by crediting and offsetting the original charge. Any differential arising between insurance recoveries and insurance receivables is expensed or capitalized, consistent with the original treatment.

#### *Foreign Currency Translations and Transactions*

Assets and liabilities of foreign subsidiaries are translated at the year-end exchange rate. Operating results of foreign subsidiaries are translated at average exchange rates during the period. Translation adjustments have no effect on net income and are included in "Accumulated other comprehensive income, net" in **stockholders' equity**, the accompanying **Consolidated Balance Sheets**.

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Foreign currency gains or losses on intercompany loans and advances that are not considered long-term investments in nature because management intends to settle these intercompany balances in the future are included in our statements of operations.

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#### *Fair Value Measurements*

Fair value is defined as the amount that would be received from the sale of an asset or paid for the transfer of a liability in an orderly transaction between market participants at the measurement date. Fair value measurements are classified and disclosed in one of the following categories:

- Level 1: Unadjusted quoted prices in active markets for identical assets and liabilities in active markets and have the highest priority.
- Level 2: Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly.
- Level 3: Unobservable inputs for the financial asset or liability and have the lowest priority.

#### **Recently Adopted Accounting Pronouncements**

In December 2019, the Financial Accounting Standards Board issued Accounting Standards Update ("ASU") No. 2019-12, "Income Taxes (Topic 740): Simplifying the Accounting for Income Taxes," which enhances and simplifies various aspects of the income tax accounting guidance in ASC 740. The Company adopted the provisions of this ASU effective October 1, 2021. The adoption of this update did not have an impact on Barnwell's consolidated financial statements.

#### **2. (LOSS) EARNINGS PER COMMON SHARE**

Basic **(loss)** earnings per share is computed using the weighted-average number of common shares outstanding for the period. Diluted **(loss)** earnings per share is calculated using the treasury stock method to reflect the assumed issuance of common shares for all potentially dilutive securities, which consist of outstanding stock **options**, **options** and **nonvested restricted stock units**. Potentially dilutive shares are excluded from the computation of diluted **(loss)** earnings per share if their effect is anti-dilutive.

Options to purchase 546,781 shares of common stock and 18,605 restricted stock units were excluded from the computation of diluted shares for the year ended September 30, 2023, as their inclusion would have been anti-dilutive. Options to purchase 615,000 shares were excluded from the

computation of diluted shares for the **years** **year** ended September 30, 2022 **and 2021**, as their inclusion would have been anti-dilutive.

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Reconciliations between net **(loss)** earnings attributable to Barnwell stockholders and common shares outstanding of the basic and diluted net **(loss)** earnings per share computations are detailed in the following tables:

	Year ended September 30, 2022		
	Net Earnings (Numerator)	Shares (Denominator)	Per-Share Amount
Basic net earnings per share	\$ 5,513,000	9,732,936	\$ 0.57
Effect of dilutive securities - common stock options	—	—	—
Diluted net earnings per share	\$ 5,513,000	9,732,936	\$ 0.57

	Year ended September 30, 2021		
	Net Earnings (Numerator)	Shares (Denominator)	Per-Share Amount
Basic net earnings per share	\$ 6,253,000	8,592,154	\$ 0.73
Effect of dilutive securities - common stock options	—	—	—
Diluted net earnings per share	\$ 6,253,000	8,592,154	\$ 0.73

	Year ended September 30, 2023		
	Net Loss (Numerator)	Shares (Denominator)	Per-Share Amount
Basic net loss	\$ (961,000)	9,969,856	\$ (0.10)
Effect of dilutive securities - common stock options and restricted stock units	—	—	—
Diluted net loss	\$ (961,000)	9,969,856	\$ (0.10)

  

	Year ended September 30, 2022		
	Net Earnings (Numerator)	Shares (Denominator)	Per-Share Amount
Basic net earnings	\$ 5,513,000	9,732,936	\$ 0.57
Effect of dilutive securities - common stock options	—	—	—
Diluted net earnings	\$ 5,513,000	9,732,936	\$ 0.57

### 3. INVESTMENTS

#### *Investment in Kukio Resort Land Development Partnerships*

On November 27, 2013, Barnwell, through a wholly-owned subsidiary, entered into two limited liability limited partnerships, KD Kona and KKM, and indirectly acquired a 19.6% non-controlling ownership interest in each of KD Kukio Resorts, KD Maniniowali, and KDK for \$5,140,000. The Kukio Resort Land Development Partnerships own certain real estate and development rights interests in the Kukio, Maniniowali and Kaupulehu portions of Kukio Resort, a private residential community on the Kona coast of the island of Hawaii, as well as Kukio Resort's real estate sales office operations. KDK holds interests in KD I and KD II. KD I is the developer of Increment I and KD II is the developer of Increment II. Barnwell's ownership interests in the Kukio Resort Land Development Partnerships is accounted for using the equity method of accounting.

The partnerships derive income from the sale of residential parcels, of which two lots, one being a large lot that is now a consolidation of two previous separate lots and one being an original size lot, remain to be sold at Increment I as of September 30, 2022, as well as from commissions on real estate sales by the real estate sales office and revenues resulting from the sale of private club memberships. Two ocean front parcels approximately two to three acres in size fronting the ocean were developed within Increment II by KD II, of which one was sold in fiscal 2017 and one was sold in fiscal 2016. The remaining acreage within Increment II is not yet under development, and there is no assurance that development of such acreage will in fact occur. No definitive development plans have been made by the developer of Increment II as of the date of this report.

In March 2019, KD II admitted a new development partner, Replay, a party unrelated to Barnwell, in an effort to move forward with development of the remainder of Increment II at Kaupulehu. KDK and Replay hold ownership interests of 55% and 45%, respectively, of KD II and Barnwell has a 10.8% indirect non-controlling ownership interest in KD II through KDK, which is accounted for using the equity method of accounting. Barnwell continues to have an indirect 19.6% non-controlling ownership interest in KD Kukio Resorts, KD Maniniowali, and KD I.

The partnerships derive income from the sale of residential parcels in Increment I, of which only two lots remain to be sold as of September 30, 2023, as well as from commissions on real estate sales by the real estate sales office and revenues resulting from the sale of private club memberships.

Increment II is not yet under development, and there is no assurance that development of such acreage will in fact occur. No definitive development plans have been made by the developer of Increment II as of the date of this report.

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Barnwell has the right to receive distributions from the Kukio Resort Land Development Partnerships via its non-controlling interests in KD Kona and KKM, based on its respective partnership sharing ratios of 75% and 34.45%, respectively. Additionally, During the year ended September 30, 2023, Barnwell was entitled to a preferred return from KKM on any allocated equity in income received cash distributions of the Kukio Resort Land Development Partnerships in excess of its partnership sharing ratio for cumulative distributions to all of its partners in excess of \$45,000,000 from those partnerships. Cumulative distributions \$758,000 from the Kukio Resort Land Development Partnerships reached the \$45,000,000 threshold, and accordingly, Barnwell received Partnership resulting in a total net amount of \$459,000 in preferred return payments in the year ended September 30, 2021. The payments were reflected as an additional equity pickup in the "Equity in income of affiliates" line item on the accompanying Consolidated Statement of Operations for the year ended September 30, 2021. Those preferred return payments brought the cumulative preferred return total \$674,000, after distributing \$84,000 to \$656,000, which was the total amount to which Barnwell was entitled.

non-controlling interests. During the year ended September 30, 2022, Barnwell received cash distributions of \$3,400,000 from the Kukio Resort Land Development Partnership Partnerships resulting in a net amount of \$3,028,000, after distributing \$372,000 to non-controlling interests. During the year ended September 30, 2021, Barnwell received net cash distributions in the amount of \$6,011,000 from the Kukio Resort Land Development Partnerships after distributing \$683,000 to non-controlling interests. Of the \$6,011,000 net cash distribution received from the Kukio Resort Land Development Partnerships, \$459,000 represented a payment of the preferred return from KKM, as discussed above.

Equity in income of affiliates was \$3,400,000 \$758,000 for the year ended September 30, 2022 September 30, 2023, as compared to equity in income of affiliates of \$5,793,000 \$3,400,000 for the year ended September 30, 2021, which includes the \$459,000 payment of the preferred return from KKM discussed above. September 30, 2022.

Summarized financial information for the Kukio Resort Land Development Partnerships is as follows:

	Year ended September 30,					
	2022		2023		2023	
Revenue	Revenue	\$ 24,577,000	\$ 43,013,000	Revenue	\$ 13,055,000	\$ 24,577,000
Gross profit	Gross profit	\$ 16,934,000	\$ 24,759,000	Gross profit	\$ 7,733,000	\$ 16,934,000
Net earnings	Net earnings	\$ 13,763,000	\$ 20,612,000	Net earnings	\$ 4,436,000	\$ 13,763,000

In the quarter ended June 30, 2021, the Company received cumulative distributions from the Kukio Resort Land Development Partnerships in excess of our investment balance and in accordance with applicable accounting guidance, the Company suspended its equity method earnings recognition and the Kukio Resort Land Development Partnership investment balance was reduced to zero with the distributions received in excess of

our investment balance recorded as equity in income of affiliates because the distributions are not refundable by agreement or by law and the Company is not liable for the obligations of or otherwise committed to provide financial support to the Kukio Resort Land Development Partnerships. The Company will record future equity method earnings only after our share of the Kukio Resort Land Development Partnership's cumulative earnings in excess of distributions during the suspended period exceeds our share of the Kukio Resort Land Development Partnership's income recognized for the excess distributions, and during this suspended period any distributions received will be recorded as equity in income of affiliates. Accordingly, the amount of equity in income of affiliates recognized in the year ended **September 30, 2022** **September 30, 2023** was equivalent to the **\$3,400,000** **\$758,000** of distributions received in that period.

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Cumulative distributions received from the Kukio Resort Land Development Partnerships in excess of our investment balance was **\$708,000** at **September 30, 2023** and **\$958,000** at **September 30, 2022** and **\$654,000** at **September 30, 2021**.

#### *Sale of Interest in Leasehold Land*

Kaupulehu Developments has the right to receive payments from KD I and KD II resulting from the sale of lots and/or residential units within Increment I and Increment II by KD I and KD II (see Note 19).

With respect to Increment I, Kaupulehu Developments is entitled to receive payments from KD I based on 10% of the gross receipts from KD I's sales of single-family residential lots in Increment I. **Six** **One** single-family lots were **lot was** sold during the year ended **September 30, 2022** **September 30, 2023** and two single-family lots, of the 80

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lots developed within Increment I, remained to be sold as of **September 30, 2022** **September 30, 2023**. The developer had consolidated these two remaining lots into one large lot but has since split them back into the original two lots.

Under the terms of the Increment II agreement with KD II, Kaupulehu Developments is entitled to 15% of the distributions of KD II, the cost of which is to be solely borne by KDK out of its 55% ownership interest in KD II, plus a priority payout of 10% of KDK's cumulative net profits derived from Increment II sales subsequent to Phase 2A, up to a maximum of \$3,000,000 as to the priority payout. Such interests are limited to distributions or net profits interests and Barnwell does not have any partnership interests in KD II or KDK through its interest in Kaupulehu Developments. The arrangement also gives Barnwell rights to three single-family residential lots in Phase 2A of Increment II, and four single-family residential lots in phases subsequent to Phase 2A when such lots are developed by KD II, all at no cost to Barnwell. Barnwell is committed to commence construction of improvements within 90 days of the transfer of the four lots in the phases subsequent to Phase 2A as a condition of the transfer of such lots. Also, in addition to Barnwell's existing obligations to pay professional fees to certain parties based on percentages of its gross receipts, Kaupulehu Developments is also obligated to pay an amount equal to 0.72% and 0.20% of the cumulative net profits of KD II to KD Development and a pool of various individuals, respectively, all of whom are partners of KKM and are unrelated to Barnwell, in compensation for the agreement of these parties to admit the new development partner for Increment II. Such compensation will be reflected as the obligation becomes probable and the amount of the obligation can be reasonably estimated.

The following table summarizes the Increment I revenues from KD I and the amount of fees directly related to such revenues (see Note 17 "Commitments and Contingencies - Other Matters"):

	Year ended September 30,		Year ended September 30,	
	2022	2021	2023	2022
Sale of interest in leasehold land:	Sale of interest in leasehold land:		Sale of interest in leasehold land:	
Revenues - sale of interest in leasehold land	Revenues - sale of interest in leasehold land	\$ 1,295,000	\$ 1,738,000	\$ 265,000

Fees - included in general and administrative expenses	Fees - included in general and administrative expenses	<b>(158,000)</b>	(212,000)	Fees - included in general and administrative expenses	<b>(32,000)</b>	(158,000)
Sale of interest in leasehold land, net of fees paid	Sale of interest in leasehold land, net of fees paid	<b>\$ 1,137,000</b>	\$ 1,526,000	Sale of interest in leasehold land, net of fees paid	<b>\$ 233,000</b>	\$ 1,137,000

In November 2022, one lot within Increment I was sold and Kaupulehu Developments received a percentage of sales payment of \$265,000 from the sale, leaving one lot remaining to be sold in Increment I. Financial results from the receipt of this payment will be reflected in Barnwell's first quarter of fiscal 2023 ending December 31, 2022.

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There is no assurance with regards to the amounts of future payments from Increment I or Increment II to be received, or that the remaining acreage within Increment II will be developed. No definitive development plans have been made by KD II, the developer of Increment II, as of the date of this report.

#### *Investment in Leasehold Land Interest – Lot 4C*

Kaupulehu Developments holds an interest in an area of approximately 1,000 acres of vacant leasehold land zoned conservation located adjacent to Lot 4A, which currently has no development potential without both a development agreement with the lessor and zoning reclassification. The lease terminates in December 2025.

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#### **4. CONSOLIDATED VARIABLE INTEREST ENTITY**

In February 2021, Barnwell Industries, Inc. established a new wholly-owned subsidiary named BOK Drilling, LLC ("BOK") for the purpose of indirectly investing in oil and natural gas exploration and development in Oklahoma. BOK and Gros Ventre Partners, LLC ("Gros Ventre"), an entity previously affiliated with the Company (see Note 19 for additional details), entered into the Limited Liability Agreement (the "Teton Operating Agreement") of Teton Barnwell Fund I, LLC ("Teton Barnwell"), an entity formed for the purpose of directly entering into such oil and natural gas investments. Under the terms of the Teton Operating Agreement, the profits of Teton Barnwell are split between BOK and Gros Ventre at 98% and 2%, respectively, and as the manager of Teton Barnwell, Gros Ventre is paid an annual asset management fee equal to 1% of the cumulative capital contributions made to Teton Barnwell as compensation for its management services. BOK is responsible for 100% of the capital contributions made to Teton Barnwell and as of September 30, 2022, the Company has made a total of \$1,250,000 in cumulative capital contributions to Teton Barnwell to fund its initial oil and natural gas investment in Oklahoma and has received a total of \$2,058,000 in distributions, net of non-controlling interests, from Teton Barnwell out of Teton Barnwell's operating cash flows. In October 2022, an additional \$711,000 distribution, net of non-controlling interests, was received from Teton Barnwell. These contributions and distributions between Teton Barnwell and the Company do not affect our reported consolidated cash flows as Teton Barnwell is a consolidated entity, as discussed further below.

The Company has determined that Teton Barnwell is a **VIE** variable interest entity ("VIE") as the entity is structured with non-substantive voting rights and that the Company is the primary beneficiary. This is due to the fact that even though Teton Barnwell has a unanimous consent voting structure, BOK is responsible for 100% of the capital contributions required to fund Teton Barnwell's future oil exploration and development investments pursuant to the Teton Operating Agreement and thus, BOK has the power to steer the decisions that most significantly impact Teton

Barnwell's economic performance and has the obligation to absorb any potential losses that could be significant to Teton Barnwell. As BOK is the primary beneficiary of the VIE, Teton Barnwell's operating results, assets and liabilities are consolidated by the Company.

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The following table summarizes the carrying value of the assets and liabilities of Teton Barnwell that are consolidated by the Company. Intercompany balances are eliminated in consolidation and thus, are not reflected in the table below.

		September 30, 2022	September 30, 2021		September 30, 2023	September 30, 2022
<b>ASSETS</b>	<b>ASSETS</b>			<b>ASSETS</b>		
Cash and cash equivalents	Cash and cash equivalents	\$ 623,000	\$ 136,000	Cash and cash equivalents	\$ 83,000	\$ 623,000
Accounts and other receivables	Accounts and other receivables	606,000	118,000	Accounts and other receivables	175,000	606,000
Oil and natural gas properties, full cost method of accounting:	Oil and natural gas properties, full cost method of accounting:			Oil and natural gas properties, full cost method of accounting:		
Proved properties, net	Proved properties, net	655,000	203,000	Proved properties, net	544,000	655,000
Unproved properties		—	962,000			
Total assets	Total assets	\$ 1,884,000	\$ 1,419,000	Total assets	\$ 802,000	\$ 1,884,000
<b>LIABILITIES</b>	<b>LIABILITIES</b>			<b>LIABILITIES</b>		
Accounts payable	Accounts payable	\$ 15,000	\$ 3,000	Accounts payable	\$ 10,000	\$ 15,000
Accrued capital expenditures		—	581,000			
Accrued operating and other expenses	Accrued operating and other expenses	26,000	20,000	Accrued operating and other expenses	15,000	26,000
Total liabilities	Total liabilities	\$ 41,000	\$ 604,000	Total liabilities	\$ 25,000	\$ 41,000

## 5. ASSET HELD FOR SALE

### *Contract Segment Drilling Rigs and Equipment*

In September 2021, the Company designated a contract drilling segment drilling rig and related ancillary equipment, with an aggregate net carrying value of \$725,000, as assets held for sale and recorded an impairment of \$38,000 to reduce the value of these assets to its fair value, less estimated selling costs. The fair value of these assets in the aggregate amount of \$687,000 was recorded as "Assets held for sale" on the Company's Consolidated Balance Sheet at September 30, 2021. In October 2021, the Company sold the drilling rig and related ancillary equipment for proceeds of \$687,000, net of related costs, which was equivalent to its net carrying value.

In September 2022, the Company entered into a purchase and sale agreement with an independent third party for the sale of a contract drilling segment drilling rig and received a payment of \$551,000, net of related costs. At September 30, 2022, the legal title for the drilling rig had not yet transferred to the buyer and therefore, the Company did not record a sale during the year ended September 30, 2022. The proceeds received from the buyer was recognized as a deposit and recorded in "Other Current Liabilities" on the Company's Consolidated Balance Sheet at September 30, 2022. No amount was recorded as assets held for sale at September 30, 2022 as the drilling rig was fully depreciated and therefore had a net book

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value of zero. In October 2022, the legal title for the drilling rig was transferred to the buyer and as a result, the Company will recognize a \$551,000 gain on the sale of the drilling rig in the first quarter of fiscal 2023 ending December 31, 2022 year ended September 30, 2023.

## 6. OIL AND NATURAL GAS PROPERTIES

### *Fiscal 2023 Investments and Acquisitions*

In December 2022, Barnwell Texas, LLC ("Barnwell Texas"), a new wholly-owned subsidiary of the Company, entered into a purchase and sale agreement with an independent third party whereby Barnwell Texas acquired a 22.3% non-operated working interest in oil and natural gas leasehold acreage in the Permian Basin in Texas for cash consideration of \$806,000. In connection with the purchase of such leasehold interests, Barnwell Texas acquired a 15.4% non-operated working interest in two oil wells in the Wolfcamp Formation in Loving and Ward Counties, Texas and has paid \$4,293,000 for its share of the costs to drill, complete and equip the wells during the year ended September 30, 2023. The two Texas wells began producing in late April 2023. Additionally, in connection with the entry into this agreement, the Company was obligated to pay a broker's fee of 5.0% of the capital invested under this arrangement, which expired in November 2023, to Four Pines Exploration LLC - Exploration - Series 1 ("Four Pines"). Four Pines is controlled by Mr. Colin O'Farrell who is an affiliate of Teton Barnwell (see Note 19 for additional details). As of September 30, 2023, the Company has paid \$255,000 in broker fees to Four Pines related to this arrangement.

### *Fiscal 2022 Acquisitions and Dispositions*

In the quarter ended December 31, 2021, Barnwell acquired working interests in oil and natural gas properties located in the Twining area of Alberta, Canada, for cash consideration of \$317,000.

In January 2022, the quarter ended March 31, 2022, Barnwell acquired additional working interests in oil and natural gas properties located in the Twining area of Alberta, Canada for consideration of \$1,246,000. The purchase price per the agreement was adjusted for customary purchase price adjustments to reflect the economic activity from the effective date to the closing date. The final determination of the customary adjustments to the purchase price has not yet been made, however, it is not expected to result in a material adjustment. Barnwell also assumed \$1,500,000 in asset retirement obligations associated with the acquisition.

In April 2021, Barnwell acquired additional working interests in oil and natural gas properties located in the Twining area of Alberta, Canada for cash consideration of \$348,000. The purchase price per the agreement was adjusted for customary purchase price adjustments to reflect the economic activity from the effective date to the closing date.

### *Dispositions*

There were no significant oil and natural gas property dispositions during the year ended September 30, 2022. The \$503,000 of proceeds from sale of oil and natural gas properties included in the Consolidated Statement of Cash Flows for the year ended September 30, 2022 primarily represents the refund of income taxes previously withheld from what otherwise would have been proceeds on prior year's fiscal 2021's oil and natural gas property sales.

In April 2021, Barnwell entered into a purchase and sale agreement with an independent third party and sold its interests in properties located in the Hillsdown area of Alberta, Canada. The sales price per the agreement was adjusted for customary purchase price adjustments to \$132,000 in order to, among other things, reflect an economic effective date of October 1, 2020. \$72,000 of the sales proceeds was withheld by the buyers for potential amounts due for Barnwell's Canadian income taxes related to the sale. The proceeds were credited to the full cost pool, with no gain or loss recognized, as the sale did not result in a significant gain. In July 2021, Barnwell completed a purchase and sale agreement with an independent third party and sold its interests in certain natural gas and oil properties located in the Spirit River area of Alberta, Canada. The sales price per the agreement was adjusted for customary purchase price adjustments to \$1,047,000 in order to, among other things, reflect an economic effective closing date of sale of July 8, 2021. Income taxes were withheld by the buyers from Barnwell's net proceeds for potential amounts due to the Canada Revenue Agency related to the sale, and the amount was subsequently refunded to Barnwell in fiscal 2022.

The difference in the relationship between capitalized costs and proved reserves of the Spirit River properties sold, as compared to the properties retained by Barnwell, was significant as there was a 93% difference in capitalized costs divided by proved reserves if the gain was recorded versus the gain being credited against the full-cost pool. Accordingly, Barnwell recorded a gain on the sale of Spirit River of \$818,000 in the year

ended September 30, 2021 in accordance with the guidance in Rule 4-10(c)(6)(i) of Regulation S-X of the rules and regulations of the SEC, which requires an allocation of capitalized costs to

the reserves sold and reserves retained on the basis of the relative fair values of the properties as there was a substantial economic difference between the properties sold and those retained. Also included in the gain calculation were asset retirement obligations of \$77,000 assumed by the purchaser.

#### ***Impairment of Oil and Natural Gas Properties***

Under the full cost method of accounting, the Company performs quarterly oil and natural gas ceiling test calculations. There was no ceiling test impairment during the year ended September 30, 2022 and a \$630,000 ceiling test impairment during the year ended September 30, 2021.

Changes in the mandated 12-month historical rolling average first-day-of-the-month prices for oil, natural gas and natural gas liquids prices, the value of reserve additions as compared to the amount of capital expenditures to obtain them, and changes in production rates and estimated levels of reserves, future development costs and the estimated market value of unproved properties, impact the determination of the maximum carrying value of oil and natural gas properties.

#### **7. PROPERTY AND EQUIPMENT AND ASSET RETIREMENT OBLIGATION**

Barnwell's property and equipment is detailed as follows:

	Estimated Useful Lives	Gross Property and Equipment	Accumulated Depletion, Depreciation, Amortization, and Impairment	Net Property and Equipment
<b><u>At September 30, 2022:</u></b>				
Oil and natural gas properties: (full cost accounting)				
Proved properties		\$ 67,883,000	\$ (54,651,000)	\$ 13,232,000
Unproved properties		—	—	—
Total oil and natural gas properties		67,883,000	(54,651,000)	13,232,000
Drilling rigs and equipment	3 – 10 years	6,304,000	(5,943,000)	361,000
Other property and equipment	3 – 10 years	619,000	(611,000)	8,000
<b>Total</b>		<b>\$ 74,806,000</b>	<b>\$ (61,205,000)</b>	<b>\$ 13,601,000</b>

	Estimated Useful Lives	Gross Property and Equipment	Accumulated Depletion, Depreciation, Amortization, and Impairment	Net Property and Equipment
<b><u>At September 30, 2023:</u></b>				
Proved oil and natural gas properties (full cost method)		\$ 80,851,000	\$ (59,549,000)	\$ 21,302,000
Drilling rigs and equipment	3 – 10 years	6,618,000	(6,127,000)	491,000

Other property and equipment	3 – 10 years	605,000	(587,000)	18,000
Total		<b>\$ 88,074,000</b>	<b>\$ (66,263,000)</b>	<b>\$ 21,811,000</b>

	Estimated Useful Lives	Gross Property and Equipment	Accumulated Depletion, Depreciation, Amortization, and Impairment	Net Property and Equipment
<b>At September 30, 2021:</b>				
Oil and natural gas properties: (full cost accounting)				
Proved properties		\$ 58,490,000	\$ (56,067,000)	\$ 2,423,000
Unproved properties		962,000	—	962,000
Total oil and natural gas properties		59,452,000	(56,067,000)	3,385,000
Drilling rigs and equipment	3 – 10 years	7,273,000	(6,789,000)	484,000
Other property and equipment	3 – 10 years	687,000	(681,000)	6,000
Total		<b>\$ 67,412,000</b>	<b>\$ (63,537,000)</b>	<b>\$ 3,875,000</b>

	Estimated Useful Lives	Gross Property and Equipment	Accumulated Depletion, Depreciation, Amortization, and Impairment	Net Property and Equipment
<b>At September 30, 2022:</b>				
Proved oil and natural gas properties (full cost method)				
		\$ 67,883,000	\$ (54,651,000)	\$ 13,232,000
Drilling rigs and equipment	3 – 10 years	6,304,000	(5,943,000)	361,000
Other property and equipment	3 – 10 years	619,000	(611,000)	8,000
Total		<b>\$ 74,806,000</b>	<b>\$ (61,205,000)</b>	<b>\$ 13,601,000</b>

See Note 6 for discussion of acquisitions and divestitures of oil and natural gas properties in fiscal 2022 2023 and 2021.

In September 2021, the Company's Honolulu corporate office was sold for approximately \$1,864,000, net of related costs, resulting in a gain of \$1,164,000, which was recognized in the year ended September 30, 2021 2022.

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#### Asset Retirement Obligation

Barnwell recognizes the fair value of a liability for an asset retirement obligation in the period in which it is incurred if a reasonable estimate of fair value can be made. The following is a reconciliation of the asset retirement obligation:

	Year ended September 30,		Year ended September 30,	
	2022	2021	2023	2022

Asset retirement obligation as of beginning of year	Asset retirement obligation as of beginning of year	\$ 7,053,000	\$ 6,194,000	Asset retirement obligation as of beginning of year	\$ 8,456,000	\$ 7,053,000
Obligations incurred on new wells drilled or acquired	Obligations incurred on new wells drilled or acquired	1,682,000	532,000	Obligations incurred on new wells drilled or acquired	21,000	1,682,000
Liabilities associated with properties sold	Liabilities associated with properties sold	(483,000)	(375,000)	Liabilities associated with properties sold	—	(483,000)
Revision of estimated obligation	Revision of estimated obligation	1,021,000	279,000	Revision of estimated obligation	1,462,000	1,021,000
Accretion expense	Accretion expense	767,000	580,000	Accretion expense	808,000	767,000
Payments	Payments	(942,000)	(421,000)	Payments	(1,005,000)	(942,000)
Foreign currency translation adjustment	Foreign currency translation adjustment	(642,000)	264,000	Foreign currency translation adjustment	91,000	(642,000)
Asset retirement obligation as of end of year	Asset retirement obligation as of end of year	8,456,000	7,053,000	Asset retirement obligation as of end of year	9,833,000	8,456,000
Less current portion	Less current portion	(1,327,000)	(713,000)	Less current portion	(1,536,000)	(1,327,000)
Asset retirement obligation, long-term	Asset retirement obligation, long-term	\$ 7,129,000	\$ 6,340,000	Asset retirement obligation, long-term	\$ 8,297,000	\$ 7,129,000

Asset retirement obligations were reduced by \$483,000 nil and \$375,000, \$483,000 in fiscal 2022 2023 and 2021, 2022, respectively, for those obligations that were assumed by purchasers of Barnwell's oil and natural gas properties. Asset retirement obligations increased by \$1,021,000 \$1,462,000 and \$279,000 \$1,021,000 in fiscal 2022 2023 and 2021, 2022, respectively, primarily due to upward revisions from acceleration in the estimated timing of future abandonments as a result of changes in the estimated economic life lives and costs of certain wells due to updated information received and changes in management's discretionary timing of abandonment projects due to an increase in estimated funds available as well as changes to the estimated cost of abandonments at the Manyberries area, as further discussed below available. Asset retirement obligations also increased by \$1,682,000 \$21,000 and \$532,000 \$1,682,000 in fiscal 2022 2023 and 2021, 2022, respectively, due primarily to our wells drilled and acquisitions (see Note 6 for additional details) details on acquisitions. The asset retirement obligation reflects the estimated present value of the amount of dismantlement, removal, site reclamation, and similar activities associated with Barnwell's oil and natural gas properties. Barnwell estimates the ultimate productive life of the properties, a credit-adjusted risk-free rate, and an inflation factor in order to determine the current present value of this obligation. The credit-adjusted risk-free rate for the entire asset retirement obligation is a blended rate which ranges from 6% to 13.5%.

In September 2019, the AER issued an abandonment/closure order for all wells and facilities in the Manyberries area which had been largely operated by LGX, an operating company that went into receivership in 2016. The estimated asset retirement obligation for the Company's interest in the wells and facilities in the Manyberries area is included in "Asset retirement obligation" in the Consolidated Balance Sheets.

Recently, After the abandonment/closure order was issued for Manyberries, the OWA created a WIP program for specific areas where there are a significant number of orphaned wells to abandon. The OWA has the ability and expertise to abandon wells using its internal resources and network of service providers resulting in efficiencies that companies such as Barnwell would not be able to obtain on its own. Under the WIP program, the

Company would be required to provide payment for only Barnwell's working interest share, however, all WIP's would have to participate in the program for the OWA to begin its work. In March 2021, the Company was notified by the OWA that Barnwell's Manyberries wells were confirmed to be in the WIP program.

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Under the new agreement with the OWA, the Company is required to pay the abandonment and reclamation costs in advance through a cash deposit. The total cash deposit amount was calculated to be approximately \$1,525,000 and the Company paid \$888,000 of the total deposit in July and August 2021 and will may need to pay the remaining balance of \$637,000 by August 2023, 2024. The Company revised its Manyberries ARO liability based on the OWA's revised abandonment and reclamation estimates, which resulted in an increase of approximately \$213,000 in the year ended September 30, 2021. The increase in the ARO liability was a result of higher reclamation and remediation costs than anticipated, partially offset by lower abandonment estimates. Based on a review of the details of the cash deposit calculation provided by the OWA, which includes amounts added for possible contingencies, the Company believes the required cash deposit amount by the OWA is higher than the actual costs of the asset retirement obligation for the Manyberries wells and that any excess of the deposit over actual asset retirement costs for the first phase of the work would be credited toward the second phase of the work. A remaining excess deposit, if any, would ultimately be refunded to the Company upon completion of all of the work. As of September 30, 2022 September 30, 2023, the Company recognized a cumulative reduction in the deposit balance of \$113,000 \$300,000 for work performed under this program.

## 8. RETIREMENT PLANS

Barnwell sponsors a noncontributory defined benefit pension plan ("Pension Plan") covering substantially all of its U.S. employees, with benefits based on years of service and the employee's highest consecutive 5 years average earnings. Barnwell's funding policy is intended to provide for both benefits attributed to service to date and for those expected to be earned in the future. In addition, Barnwell sponsors a Supplemental Executive Retirement Plan ("SERP"), a noncontributory supplemental retirement benefit plan which covers certain current and former employees of Barnwell for amounts exceeding the limits allowed under the Pension Plan, and previously sponsored a post-retirement medical insurance benefits plan ("Post-retirement Medical") covering officers of Barnwell Industries, Inc. Plan. Effective December 31, 2019, the parent company, who have attained at least 20 years accrual of service of which at least 10 years were at the position of Vice President or higher, their spouses and qualifying dependents.

In June 2021, the Company terminated its Post-retirement Medical plan effective June 4, 2021. Pursuant to the Post-retirement Medical plan document, the Company, as the sponsor of the Post-retirement Medical plan, had the right to terminate the plan by the resolution of the Board of the Directors of the Company and sixty days' notice to each participant in the plan. Further, under the terms of the plan document, the benefits for all participants in the Post-retirement Medical plan were not entitled to any unpaid vested benefits thereunder upon termination of the plan. The Post-retirement Medical plan Pension Plan and SERP was an unfunded plan frozen and the Company funded benefits when payments plans were made. As a result of the plan termination, the Company recognized a non-cash gain of \$2,341,000 during the year ended September 30, 2021.

83 closed to new participants from that point forward.

The following tables detail the changes in benefit obligations, fair values of plan assets and reconciliations of the funded status of the retirement plans:

Change in Projected Benefit Obligation:	Post-retirement Medical						Pension Plan				SERP	
	Pension			SERP			September 30,		September 30,		September 30,	
	2022	2021	2022	2021	2022	2021	2023	2022	2023	2022		
Change in Projected Benefit Obligation:	Change in Projected Benefit Obligation:						Change in Projected Benefit Obligation:					

Benefit obligation at beginning of year	Benefit obligation at beginning of year	\$ 10,365,000	\$ 10,280,000	\$ 2,136,000	\$ 2,031,000	\$ —	\$ 2,839,000	Benefit obligation at beginning of year	\$ 7,931,000	\$ 10,365,000	\$ 1,715,000	\$ 2,136,000
Interest cost	Interest cost	290,000	258,000	60,000	51,000	—	48,000	Interest cost	406,000	290,000	88,000	60,000
Actuarial (gain) loss	Actuarial (gain) loss	(2,418,000)	(15,000)	(478,000)	63,000	—	—	Actuarial gain	(394,000)	(2,418,000)	(66,000)	(478,000)
Benefits paid	Benefits paid	(306,000)	(158,000)	(3,000)	(9,000)	—	(5,000)	Benefits paid	(432,000)	(306,000)	(3,000)	(3,000)
Termination of post-retirement medical plan		—	—	—	—	—	(2,882,000)					
Benefit obligation at end of year	Benefit obligation at end of year	7,931,000	10,365,000	1,715,000	2,136,000	—	—	Benefit obligation at end of year	7,511,000	7,931,000	1,734,000	1,715,000
Change in Plan Assets:	Change in Plan Assets:							Change in Plan Assets:				
Fair value of plan assets at beginning of year	Fair value of plan assets at beginning of year	12,594,000	11,051,000	—	—	—	—	Fair value of plan assets at beginning of year	11,316,000	12,594,000	—	—
Actual return on plan assets	Actual return on plan assets	(972,000)	1,701,000	—	—	—	—	Actual return on plan assets	1,098,000	(972,000)	—	—
Employer contributions		—	—	—	—	—	5,000					
Benefits paid	Benefits paid	(306,000)	(158,000)	—	—	—	(5,000)	Benefits paid	(432,000)	(306,000)	—	—
Fair value of plan assets at end of year	Fair value of plan assets at end of year	11,316,000	12,594,000	—	—	—	—	Fair value of plan assets at end of year	11,982,000	11,316,000	—	—
Funded status	Funded status	\$ 3,385,000	\$ 2,229,000	\$ (1,715,000)	\$ (2,136,000)	\$ —	\$ —	Funded status	\$ 4,471,000	\$ 3,385,000	\$ (1,734,000)	\$ (1,715,000)

	Pension			SERP			Post-retirement Medical		
				September 30,					
	2022	2021	2022	2021	2022	2021	2022	2021	2021
<i>Amounts recognized in the Consolidated Balance Sheets:</i>									
Noncurrent assets	\$ 3,385,000	\$ 2,229,000	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
Current liabilities	—	—	Pension Plan	(66,000)	(35,000)	(35,000)	—	—	—
Noncurrent liabilities	—	—	(1,649,000)	(2,101,000)	(2,101,000)	(2,101,000)	—	—	—
Net amount	\$ 3,385,000	\$ 2,229,000	\$ (1,715,000)	\$ (2,136,000)	\$ (2,136,000)	\$ (2,136,000)	—	—	—
<i>Amounts recognized in accumulated other comprehensive income before income taxes:</i>									
Net actuarial (gain) loss	\$ (353,000)	\$ 471,000	\$ (343,000)	\$ 135,000	\$ —	\$ —	\$ —	\$ —	\$ —
Accumulated other comprehensive (income) loss	\$ (353,000)	\$ 471,000	\$ (343,000)	\$ 135,000	\$ (70,000)	\$ —	\$ —	\$ —	\$ (66,000)
Noncurrent liabilities	79	—	—	(1,664,000)	—	(1,649,000)	—	—	—

Net amount	\$ 4,471,000	\$ 3,385,000	\$ (1,734,000)	\$ (1,715,000)
<i>Amounts recognized in accumulated other comprehensive income before income taxes:</i>				
Net actuarial gain	\$ (1,178,000)	\$ (353,000)	\$ (330,000)	\$ (343,000)
Accumulated other comprehensive income	\$ (1,178,000)	\$ (353,000)	\$ (330,000)	\$ (343,000)

The accumulated benefit obligation for the Pension Plan was \$7,511,000 and \$7,931,000 at September 30, 2023 and \$10,365,000 at September 30, 2022 and 2021, 2022, respectively. The accumulated benefit obligation for the SERP was \$1,734,000 and \$1,715,000 at September 30, 2023 and \$2,136,000 at September 30, 2022 and 2021, 2022, respectively. The accumulated benefit obligations are the same as the projected benefit obligations due to the Pension Plan and SERP being frozen as of December 31, 2019.

Currently, no contributions **will** are planned to be made to the Pension Plan during fiscal 2023, 2024. The SERP plan is unfunded and Barnwell funds benefits when payments are made. Expected payments under the SERP for fiscal 2023, 2024 is not material. Fluctuations in actual market returns as well as changes in general interest rates

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will result in changes in the market value of plan assets and may result in increased or decreased retirement benefits costs and contributions in future periods.

The Pension Plan actuarial gains in fiscal 2023 were primarily due to an increase in the discount rate and actual investment returns that were greater than the assumed rate of return. The SERP actuarial gains in fiscal 2023 were primarily due to an increase in the discount rate.

The Pension Plan actuarial gains in fiscal 2022 were primarily due to an increase in the discount rate, partially offset by an actuarial loss resulting from actual investment returns that were less than the assumed rate of return. The SERP actuarial gains in fiscal 2022 were primarily due to an increase in the discount rate.

The Pension Plan actuarial gains in fiscal 2021 were primarily due to an increase in the discount rate and actual investment returns that were greater than the assumed rate of return. The SERP actuarial losses in fiscal 2021 were primarily due to an updated mortality projection scale and adjustments due to experience, partially offset by an increase in the discount rate.

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The following table presents the weighted-average assumptions used to determine benefit obligations and net benefit (income) costs:

	Pension		SERP		Post-retirement Medical	
	Year ended September 30,					
	2022	2021	2022	2021	2022	2021
<i>Assumptions used to determine fiscal year-end benefit obligations:</i>						
Discount rate	<b>5.25%</b>	2.84%	<b>5.25%</b>	2.84%	N/A	N/A
Rate of compensation increase	<b>N/A</b>	N/A	<b>N/A</b>	N/A	<b>N/A</b>	N/A
<i>Assumptions used to determine net benefit costs (years ended):</i>						
Discount rate	<b>2.84%</b>	2.54%	<b>2.84%</b>	2.54%	N/A	2.54% / 3.00%(1)
Expected return on plan assets	<b>5.00%</b>	5.00%	<b>N/A</b>	N/A	<b>N/A</b>	N/A
Rate of compensation increase	<b>N/A</b>	N/A	<b>N/A</b>	N/A	<b>N/A</b>	N/A

(1) 2.54% as of September 30, 2020 and 3.00% as of May 31, 2021 termination.

	Pension Plan		SERP	
	Year ended September 30,			
	2023	2022	2023	2022

*Assumptions used to determine fiscal year-end benefit obligations:*

Discount rate	<b>5.62%</b>	5.25%	<b>5.62%</b>	5.25%
Rate of compensation increase	<b>N/A</b>	N/A	<b>N/A</b>	N/A
<i>Assumptions used to determine net benefit costs (years ended):</i>				
Discount rate	<b>5.25%</b>	2.84%	<b>5.25%</b>	2.84%
Expected return on plan assets	<b>6.00%</b>	5.00%	<b>N/A</b>	N/A
Rate of compensation increase	<b>N/A</b>	N/A	<b>N/A</b>	N/A

We select a discount rate by reference to yields available on the ICE Bank of America Merrill Lynch AA-AAA 15+ Index at our consolidated balance sheet date. The expected return on plan assets is based on an actuarial model which takes into consideration our investment mix and market conditions.

The components of net periodic benefit (income) cost are as follows:

Net periodic benefit (income) cost for the year:	Post-retirement						Pension Plan				SERP	
	Pension			SERP		Medical	Year ended September 30,		Year ended September 30,		Pension Plan	
	2022	2021	2022	2021	2022	2021	2023	2022	2023	2022	2023	2022
Net periodic benefit (income) cost for the year:	Net periodic benefit (income) cost for the year:						Net periodic benefit (income) cost for the year:					
Interest cost	Interest cost	\$ 290,000	\$ 258,000	\$ 60,000	\$ 51,000	\$ —	\$ 48,000	Interest cost	\$ 406,000	\$ 290,000	\$ 88,000	\$ 60,000
Expected return on plan assets	Expected return on plan assets	(622,000)	(546,000)	—	—	—	—	Expected return on plan assets	(667,000)	(622,000)	—	—
Amortization of net actuarial loss	—	39,000	—	—	—	62,000	Amortization of net actuarial gain	—	—	—	(79,000)	—
Net periodic benefit (income) cost	Net periodic benefit (income) cost	<u>\$ (332,000)</u>	<u>\$ (249,000)</u>	<u>\$ 60,000</u>	<u>\$ 51,000</u>	<u>\$ —</u>	<u>\$ 110,000</u>	Net periodic benefit (income) cost	<u>\$ (261,000)</u>	<u>\$ (332,000)</u>	<u>\$ 9,000</u>	<u>\$ 60,000</u>

The benefits expected to be paid under the retirement plans as of **September 30, 2022** **September 30, 2023** are as follows:

Expected Benefit Payments:	Pension			SERP		Pension Plan			SERP	
	Expected Benefit Payments:	Expected Benefit Payments:	Expected Benefit Payments:	Expected Benefit Payments:	Expected Benefit Payments:	Expected Benefit Payments:	Expected Benefit Payments:	Expected Benefit Payments:	Expected Benefit Payments:	Expected Benefit Payments:
	Fiscal year ending September 30, 2023	\$ 412,000	\$ 66,000	Fiscal year ending September 30, 2024	\$ 552,000	\$ 130,000	Fiscal year ending September 30, 2024	\$ 402,000	\$ 70,000	Fiscal year ending September 30, 2024

Fiscal year ending September 30, 2025	Fiscal year ending September 30, 2025	\$ 545,000	\$ 129,000	Fiscal year ending September 30, 2025	\$ 552,000	\$ 140,000
Fiscal year ending September 30, 2026	Fiscal year ending September 30, 2026	\$ 537,000	\$ 128,000	Fiscal year ending September 30, 2026	\$ 545,000	\$ 138,000
Fiscal year ending September 30, 2027	Fiscal year ending September 30, 2027	\$ 529,000	\$ 127,000	Fiscal year ending September 30, 2027	\$ 537,000	\$ 137,000
Fiscal years ending September 30, 2028 through 2032		\$ 2,969,000	\$ 667,000			
Fiscal year ending September 30, 2028				Fiscal year ending September 30, 2028	\$ 574,000	\$ 142,000
Fiscal years ending September 30, 2029 through 2033				Fiscal years ending September 30, 2029 through 2033	\$ 2,990,000	\$ 712,000

#### Plan Assets

Management communicates periodically with its professional investment advisors to establish investment policies, direct investments and select investment options. The overall investment objective of the Pension Plan is to attain a diversified combination of investments that provides long-term growth in the assets of the plan to fund future benefit obligations while managing risk in order to meet current

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benefit obligations. Generally, interest and dividends received provide cash flows to fund current benefit obligations. Longer-term obligations are generally estimated to be provided for by growth in equity securities. The Company's investment policy permits investments in a diversified mix of U.S. and international equities, fixed income securities and cash equivalents.

Barnwell's investments in fixed income securities include corporate bonds, U.S. treasury and government securities, preferred securities, and fixed income exchange-traded funds. The Company's investments in equity securities primarily include domestic and international large-cap companies, as well as, domestic and international equity securities exchange-traded funds.

The Company's year-end target allocation, by asset category, and the actual asset allocations were as follows:

Asset Category	Asset Category	Allocation	Target		September 30,		Target		September 30,	
			2022	2021	Asset Category	Allocation	2023	2022	2023	2022
Cash and other	Cash and other	0% - 25%	14%	—%	Cash and other	0% - 25%	2%	14%		
Fixed income securities	Fixed income securities	15% - 40%	34%	31%	Fixed income securities	15% - 40%	32%	34%		
Equity securities	Equity securities	45% - 75%	52%	69%	Equity securities	45% - 75%	66%	52%		

Actual investment allocations may vary from our target allocations from time to time due to prevailing market conditions. We periodically review our actual investment allocations and rebalance our investments to our target allocations as dictated by current and anticipated market conditions and required cash flows.

We categorize plan assets into three levels based upon the assumptions used to price the assets. Level 1 provides the most reliable measure of fair value, whereas Level 3 requires significant management judgment in determining the fair value. Equity securities and exchange-traded funds are valued by obtaining quoted prices on recognized and highly liquid exchanges. Fixed income securities are valued based upon the closing price reported in the active market in which the security is traded. All of our plan

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assets are categorized as Level 1 assets, and as such, the actual market value is used to determine the fair value of assets.

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The following tables set forth by level, within the fair value hierarchy, pension plan assets at their fair value:

September 30, 2023	Fair Value Measurements Using:			Fair Value Measurements Using:		
	Financial Assets:	September 30, 2023	Carrying Amount	Quoted Prices in Active Markets	Significant Other Inputs	Significant Unobservable Inputs
				Financial Assets:	Cash	\$ 263,000
Cash					\$ —	\$ —
	Carrying Amount as of September 30, 2022	Quoted Prices in Active Markets	Significant Other Inputs	Significant Unobservable Inputs		
U.S. treasury and government securities					U.S. treasury and government securities	
Fixed income exchange- traded funds					709,000	709,000
Preferred securities					3,102,000	3,102,000
Equities					47,000	47,000
Total					7,861,000	7,861,000
				Total	\$ 11,982,000	\$ 11,982,000
					Fair Value Measurements Using:	

										Quoted Prices in Active Markets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
September 30, 2022										September 30, 2022	Carrying Amount	
Financial Assets:	Financial Assets:									Financial Assets:		
Cash	Cash	\$ 1,539,000	\$ 1,539,000	\$ —	\$ —	—	Cash	\$ 1,539,000	\$ 1,539,000	\$ —	\$ —	—
Corporate bonds	Corporate bonds	1,000	1,000	—	—	—	Corporate bonds	1,000	1,000	—	—	—
U.S. treasury and government securities	U.S. treasury and government securities	561,000	561,000	—	—	—	U.S. treasury and government securities	561,000	561,000	—	—	—
Fixed income exchange-traded funds	Fixed income exchange-traded funds	3,223,000	3,223,000	—	—	—	Fixed income exchange-traded funds	3,223,000	3,223,000	—	—	—
Preferred securities	Preferred securities	67,000	67,000	—	—	—	Preferred securities	67,000	67,000	—	—	—
Equity securities exchange-traded funds	Equity securities exchange-traded funds	408,000	408,000	—	—	—	Equity securities exchange-traded funds	408,000	408,000	—	—	—
Equities	Equities	5,517,000	5,517,000	—	—	—	Equities	5,517,000	5,517,000	—	—	—
Total	Total	\$ 11,316,000	\$ 11,316,000	\$ —	\$ —	—	Total	\$ 11,316,000	\$ 11,316,000	\$ —	\$ —	—
Fair Value Measurements Using:												
		Carrying Amount as of September 30, 2021	Quoted Prices in Active Markets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)							
Financial Assets:												
Cash		\$ 25,000	\$ 25,000	\$ —	\$ —	—						
Corporate bonds		1,000	1,000	—	—	—						
Fixed income exchange-traded funds		3,809,000	3,809,000	—	—	—						
Preferred securities		48,000	48,000	—	—	—						
Equity securities exchange-traded funds		459,000	459,000	—	—	—						
Equities		8,252,000	8,252,000	—	—	—						
Total		\$ 12,594,000	\$ 12,594,000	\$ —	\$ —	—						

## 9. INCOME TAXES

The components of (loss) earnings before income taxes, after adjusting the (loss) earnings for non-controlling interests, are as follows:

		Year ended September 30,		Year ended September 30,	
		2022	2021	2023	2022
United States	United States	\$ 739,000	\$ 5,436,000	\$ (2,414,000)	\$ 739,000
Canada	Canada	5,121,000	1,149,000	1,400,000	5,121,000
		\$ 5,860,000	\$ 6,585,000	\$ (1,014,000)	\$ 5,860,000

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The components of the income tax (benefit) provision related to the above (loss) earnings are as follows:

		Year ended September 30,		Year ended September 30,	
		2022	2021	2023	2022
Current provision:	Current provision:			Current provision:	
United States – Federal	United States – Federal			United States – Federal	
Before operating loss carryforwards	Before operating loss carryforwards	\$ 727,000	\$ 60,000	Before operating loss carryforwards	\$ — \$ 727,000
Benefit of operating loss carryforwards	Benefit of operating loss carryforwards	(665,000)	(60,000)	Benefit of operating loss carryforwards	— (665,000)
After operating loss carryforwards	After operating loss carryforwards	62,000	—	After operating loss carryforwards	— 62,000
United States – State	United States – State			United States – State	
Before operating loss carryforwards	Before operating loss carryforwards	518,000	174,000	Before operating loss carryforwards	47,000 518,000
Benefit of operating loss carryforwards	Benefit of operating loss carryforwards	(62,000)	(7,000)	Benefit of operating loss carryforwards	— (62,000)
After operating loss carryforwards	After operating loss carryforwards	456,000	167,000	After operating loss carryforwards	47,000 456,000
Canadian	Canadian			Canadian	
Before operating loss carryforwards	Before operating loss carryforwards	510,000	—	Before operating loss carryforwards	274,000 510,000
Benefit of operating loss carryforwards	Benefit of operating loss carryforwards	(510,000)	—	Benefit of operating loss carryforwards	(244,000) (510,000)
After operating loss carryforwards	After operating loss carryforwards	—	—	After operating loss carryforwards	30,000 —
Total current	Total current	518,000	167,000	Total current	77,000 518,000
Deferred (benefit) provision:					
Deferred benefit:				Deferred benefit:	

United States – State Canadian	United States – State	(171,000)	165,000	United States – State	(130,000)	(171,000)
Total deferred	Total deferred	(171,000)	165,000	Total deferred	(130,000)	(171,000)
		\$ 347,000	\$ 332,000		\$ (53,000)	\$ 347,000

Consolidated taxes do not bear a customary relationship to pretax results due primarily to the fact that the Company is taxed separately in Canada based on Canadian source operations and in the U.S. based on consolidated operations, and essentially all deferred tax assets, net of relevant offsetting deferred tax liabilities, are not estimated to have a future benefit as tax credits or deductions. The Company operates two subsidiaries in Canada, one of which is a U.S. corporation operating as a branch in Canada that is treated as a non-resident for Canadian tax purposes and thus has operating results that cannot be offset against or combined with the other Canadian subsidiary that files as a resident for Canadian tax purposes. Income from our non-controlling interest in the Kukio Resort Land Development Partnerships is treated as non-unitary for state of Hawaii unitary filing purposes, thus unitary Hawaii losses provide limited sheltering of such non-unitary income. Income from our investment in the Oklahoma oil venture is 100% allocable to Oklahoma, and therefore, Oklahoma. As such, Barnwell receives no benefit from consolidated or unitary losses and, therefore, is subject to Oklahoma state taxes. Consolidated taxes also include the impacts of favorable state jurisdiction provision to tax return true-ups. Our operations in Texas are subject to a franchise tax assessed by the state of Texas, however no significant amounts have been incurred to date.

In addition, Canadian jurisdiction net operating loss carryforwards, all the benefit of which had not previously been recognized due to the Company's continuing full valuation allowance, at the end of the previous fiscal year, are being partially utilized in that jurisdiction in the current year to offset taxable income in the U.S. federal and Canadian jurisdictions. The net operating loss carryforwards beyond the current year's

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utilization continue to have a full valuation allowance as realization of their benefit is not more likely than not.

Included in the current income tax provision for the year ended September 30, 2022 is a \$62,000 expense for income tax penalties and interest thereon for the non-filing of IRS Form 8858 in each of our U.S. federal income tax returns for fiscal years 2019, 2020 and 2021. The Company is in the process of amending its prepared amended U.S. federal tax returns for each of these years to include Form 8858 and plans to request a statement of reasonable cause. The amended returns were filed in September and October 2023 and the Company requested abatement of

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any potential penalties and interest which could subsequently be assessed. The Company is awaiting a response from the IRS and the probability of success of the abatement request remains uncertain. No additional expenses related to the potential penalties and interest. There was no such expense interest were included in the current income tax provision for the year ended September 30, 2021 September 30, 2023.

On December 27, 2020, the President signed into law the Consolidated Appropriations Act (the "Act"), an omnibus spending bill to fund the federal government that also includes an array of COVID-related tax relief for individuals and businesses. The tax-related measures contained in the Act revise and expand provisions enacted earlier in the year by the Families First Coronavirus Response Act and the Coronavirus Aid, Relief, and Economic Security Act. The Act also extends a number of expiring tax provisions. Additionally, the Act provides for a 100% deduction for certain business meals incurred in calendar years 2021 and 2022. The Company determined that income tax effects related to the passage of the Consolidated Appropriations Act were not material to the financial statements for the years ended September 30, 2021 and 2022.

A reconciliation between the reported income tax (benefit) expense and the amount computed by multiplying the (loss) earnings attributable to Barnwell before income taxes by the U.S. federal tax rate of 21% is as follows:

	Year ended September 30,		Year ended September 30,	
	2022	2021	2023	2022

Tax provision computed by applying statutory rate	\$ 1,231,000	\$ 1,383,000			
Tax (benefit) provision computed by applying statutory rate			Tax (benefit) provision computed by applying statutory rate	\$ (213,000)	\$ 1,231,000
Decrease in the valuation allowance	(1,450,000)	(1,427,000)			
Increase (decrease) in the valuation allowance			Increase (decrease) in the valuation allowance	182,000	(1,450,000)
Additional effect of the foreign tax provision on the total tax provision	Additional effect of the foreign tax provision	130,000	Additional effect of the foreign tax provision on the total tax provision	(4,000)	130,000
U.S. state income tax (benefit) provision, net of federal effect			U.S. state income tax (benefit) provision, net of federal effect	(9,000)	330,000
U.S. state provision to tax return adjustments			U.S. state provision to tax return adjustments	(106,000)	(45,000)
Uncertain tax positions	Uncertain tax positions	62,000	Uncertain tax positions	—	62,000
U.S. state tax provision, net of federal benefit		285,000	332,000		
Other	Other	89,000	13,000	Other	97,000
		\$ 347,000	\$ 332,000		\$ (53,000)
					\$ 347,000

The U.S. state provision to tax return adjustments in the table above was treated as a separate item in fiscal 2023 due to the significance of its impact on the fiscal 2023 reconciliation, and the corresponding fiscal 2022 amount was reclassified to conform to the current year presentation. The reclassification had no impact on previously reported net earnings, cash flows, total assets, or stockholders' equity. Additionally, the changes in the valuation allowance shown in the table above exclude the impact of changes in state taxes and foreign tax credit expiries, the valuation allowance impacts of which items are incorporated within the respective reconciliation line items elsewhere in the table.

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The tax effects of temporary differences that give rise to significant portions of the deferred tax assets and deferred tax liabilities are as follows:

	September 30,		September 30,	
	2022	2021	2023	2022
Deferred income tax assets:	Deferred income tax assets:		Deferred income tax assets:	

Foreign tax credit carryover under U.S. tax law	Foreign tax credit carryover under U.S. tax law	\$ 953,000	\$ 1,197,000	Foreign tax credit carryover under U.S. tax law	\$ 928,000	\$ 953,000
U.S. federal net operating loss carryover	U.S. federal net operating loss carryover	8,258,000	8,846,000	U.S. federal net operating loss carryover	9,406,000	8,258,000
U.S. state unitary net operating loss carryovers	U.S. state unitary net operating loss carryovers	1,117,000	939,000	U.S. state unitary net operating loss carryovers	1,177,000	1,117,000
Canadian net operating loss carryovers	Canadian net operating loss carryovers	877,000	1,411,000	Canadian net operating loss carryovers	1,025,000	877,000
Tax basis of investment in land in excess of book basis under U.S. tax law	Tax basis of investment in land in excess of book basis under U.S. tax law	26,000	305,000	Tax basis of investment in land in excess of book basis under U.S. tax law	25,000	26,000
Property and equipment accumulated book depreciation and depletion in excess of tax under Canadian tax law		—	1,091,000			
Property and equipment accumulated book depreciation and depletion in excess of tax under U.S. tax law	Property and equipment accumulated book depreciation and depletion in excess of tax under U.S. tax law	568,000	699,000	Property and equipment accumulated book depreciation and depletion in excess of tax under U.S. tax law	275,000	568,000
Liabilities accrued for books but not for tax under U.S. tax law		882,000	1,225,000			
Liabilities accrued for books but not for tax under Canadian tax law		2,120,000	1,813,000			
Asset retirement obligation accrued for books but not for tax under U.S. tax law				Asset retirement obligation accrued for books but not for tax under U.S. tax law	1,084,000	959,000
Asset retirement obligation accrued for books but not for tax under Canadian tax law				Asset retirement obligation accrued for books but not for tax under Canadian tax law	2,461,000	2,120,000

Other liabilities accrued for books but not for tax under U.S. tax law		Other liabilities accrued for books but not for tax under U.S. tax law	
Foreign currency loss under U.S. tax law	Foreign currency loss under U.S. tax law	Foreign currency loss under U.S. tax law	612,000
Foreign currency loss under Canadian tax law	Foreign currency loss under Canadian tax law	Foreign currency loss under Canadian tax law	68,000
Other	Other	Other	102,000
Total gross deferred income tax assets	Total gross deferred income tax assets	Total gross deferred income tax assets	124,000
Less valuation allowance	Less valuation allowance	Less valuation allowance	278,000
Net deferred income tax assets	Net deferred income tax assets	Net deferred income tax assets	15,305,000
Deferred income tax liabilities:	Deferred income tax liabilities:	Deferred income tax liabilities:	17,968,000
Property and equipment accumulated tax depreciation and depletion in excess of book under Canadian tax law	Property and equipment accumulated tax depreciation and depletion in excess of book under Canadian tax law	Property and equipment accumulated tax depreciation and depletion in excess of book under Canadian tax law	(12,608,000)
Book basis of investment in land development partnerships in excess of tax basis under U.S. tax law	Book basis of investment in land development partnerships in excess of tax basis under U.S. tax law	Book basis of investment in land development partnerships in excess of tax basis under U.S. tax law	2,697,000
Book basis of investment in land development partnerships in excess of tax basis under U.S. state non-unitary tax law	Book basis of investment in land development partnerships in excess of tax basis under U.S. state non-unitary tax law	Book basis of investment in land development partnerships in excess of tax basis under U.S. state non-unitary tax law	(280,000)
			17,258,000
			(14,616,000)
			(12,439,000)
			4,819,000
			3,352,000
			3,408,000
			(926,000)
			(545,000)
			(133,000)
			(40,000)
			(166,000)
			634,000
			102,000
			124,000
			278,000
			124,000
			278,000
			16,016,000
			(12,608,000)
			3,408,000
			(280,000)
			(545,000)
			(166,000)

U.S. oil and gas property and equipment accumulated tax depreciation and depletion in excess of book under U.S. tax law	U.S. oil and gas property and equipment accumulated tax depreciation and depletion in excess of book under U.S. tax law	(121,000)	(142,000)	U.S. oil and gas property and equipment accumulated tax depreciation and depletion in excess of book under U.S. tax law	(906,000)	(121,000)
U.S. oil and gas property and equipment accumulated tax depreciation and depletion in excess of book under U.S. state tax law	U.S. oil and gas property and equipment accumulated tax depreciation and depletion in excess of book under U.S. state tax law	(23,000)	(7,000)	U.S. oil and gas property and equipment accumulated tax depreciation and depletion in excess of book under U.S. state tax law	(19,000)	(23,000)
U.S. tax law impact of foreign branch deferred tax asset under Canadian tax law	U.S. tax law impact of foreign branch deferred tax asset under Canadian tax law	(1,465,000)	(1,782,000)	U.S. tax law impact of foreign branch deferred tax asset under Canadian tax law	(1,655,000)	(1,465,000)
Retirement plan asset accrued for books but not for tax under U.S. tax law				Retirement plan asset accrued for books but not for tax under U.S. tax law	(939,000)	(711,000)
Other	Other	(285,000)	(272,000)	Other	(259,000)	(285,000)
Total deferred income tax liabilities	Total deferred income tax liabilities	(2,885,000)	(3,711,000)	Total deferred income tax liabilities	(4,877,000)	(3,596,000)
Net deferred income tax liability	Net deferred income tax liability	\$ (188,000)	\$ (359,000)	Net deferred income tax liability	\$ (58,000)	\$ (188,000)
Reported as:	Reported as:			Reported as:		
Deferred income tax assets	Deferred income tax assets	—	—	Deferred income tax assets	—	—
Deferred income tax liabilities	Deferred income tax liabilities	(188,000)	(359,000)	Deferred income tax liabilities	(58,000)	(188,000)
Net deferred income tax liability	Net deferred income tax liability	\$ (188,000)	\$ (359,000)	Net deferred income tax liability	\$ (58,000)	\$ (188,000)

The asset retirement obligation accrued for books but not for tax under U.S. tax law and the retirement plan asset accrued for books but not for tax under U.S. tax law amounts in the table above were treated as separate items in fiscal 2023 to provide additional specificity as to the nature of the items, and the corresponding fiscal 2022 amounts were reclassified to conform to the current year presentation. The reclassifications had no impact on the previously reported valuation allowance or previously reported net earnings, cash flows, total assets, or stockholders' equity.

The total valuation allowance decreased \$2,008,000 \$169,000 for the year ended September 30, 2022 September 30, 2023. The decrease was due to current fiscal year operational activity that resulted in changes in deferred tax asset

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and liability balances, and there were no changes in judgment about the realizability of related deferred tax assets in future years. Of the total net decrease in the valuation allowance for fiscal 2022, \$1,614,000 2023, \$4,000 was recognized as an income tax benefit and \$394,000 \$165,000 was credited to accumulated other comprehensive loss/income.

Net deferred tax assets at September 30, 2022 September 30, 2023 of \$2,697,000 \$4,819,000 consists of the portion of U.S. federal consolidated deferred tax assets that are estimated to be partially realized through corresponding concurrent reversals of U.S. federal consolidated deferred tax liabilities related to the Kukio Resort Land Development Partnerships' excess of book income over taxable income, the book basis of property and equipment in excess of tax basis, under U.S. federal and Canadian tax law, foreign branch deferred taxes, retirement plan assets accrued for books but not for tax under U.S. tax law, and certain other minor deferred tax liabilities.

At September 30, 2022 September 30, 2023, Barnwell had U.S. federal foreign tax credit carryovers, U.S. federal net operating loss carryovers, U.S. state net operating loss carryovers and Canadian net operating loss carryovers totaling \$953,000, \$39,327,000, \$17,452,000 \$928,000, \$44,790,000, \$18,387,000 and \$3,411,000, \$3,816,000, respectively. All four items were fully offset by valuation allowances at September 30, 2022, except for a portion of Hawaii NOLs which is expected to shelter a portion of the reversal of the Company's Hawaii non-unitary taxable temporary difference related to its investment in Hawaii land development partnerships. September 30, 2023. The U.S. federal net operating loss carryovers generated through September 30, 2018 expire in fiscal years 2032-2038, the U.S. state unitary net operating loss carryovers generated through September 30, 2017 expire in fiscal years 2033-2037, the Canadian net operating loss carryovers expire in fiscal years 2037-2042, 2039-2043, and the foreign tax credit carryovers expire in fiscal years 2023-2025, 2024-2025. The U.S. federal net operating loss carryovers generated in fiscal years 2019-2021 2019-2023 and the U.S. state net operating loss carryovers generated in fiscal years 2018-2022 2018-2023 have no expiry, however utilization of the U.S. state and U.S. federal net operating loss carryovers generated in these and future years are limited to 80% of taxable income.

FASB ASC Topic 740, Income Taxes, prescribes a threshold for recognizing the financial statement effects of a tax position when it is more likely than not, based on the technical merits, that the position will be sustained upon examination by a taxing authority.

Barnwell files U.S. federal income tax returns, income tax returns in various U.S. states, and Canadian federal and provincial tax returns. A number of years may elapse before an uncertain tax position, for which we have unrecognized tax benefits, is audited and finally resolved. We believe that our unrecognized tax benefits are reflected on a more likely than not basis. We evaluate uncertain tax positions based on ongoing facts and circumstances. Any change in judgment related to the expected resolution of uncertain tax positions is recognized in earnings in the period in which such change occurs. Interest and penalties, if any, related to unrecognized tax benefits are recorded as a component of income tax expense. Settlement of any particular position could require the use of cash. Favorable resolution for an amount less than the amount estimated by Barnwell would be recognized as a decrease in the effective income tax rate in the period of resolution, and unfavorable resolution in excess of the amount estimated

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by Barnwell would be recognized as an increase in the effective income tax rate in the period of resolution.

Below are the changes in unrecognized tax benefits.

Year ended September 30,

	2022	2021
Balance at beginning of year	\$ —	\$ —
Effect of tax positions taken in prior years	60,000	—
Accrued interest related to tax positions taken	2,000	—
Balance at end of year	<b>\$ 62,000</b>	\$ —

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	Year ended September 30,	
	2023	2022
Balance at beginning of year	\$ 62,000	\$ —
Effect of tax positions taken in prior years	—	60,000
Accrued interest related to tax positions taken	—	2,000
Balance at end of year	<b>\$ 62,000</b>	\$ 62,000

Uncertain tax positions at **September 30, 2022** **September 30, 2023** are related to the potential assessment of penalties and interest for the failure to file a certain foreign information forms form with each of our U.S. federal income tax returns for fiscal years 2019, 2020 and 2021. The Company is in the process of amending its filed amended U.S. federal income tax returns to include which included the missing forms form and plans to request statement of reasonable cause for these years in September and October 2023 and requested abatement of the any potential penalties and interest. interest which could subsequently be assessed. The Company is awaiting a response from the IRS and the probability of success of the abatement request remains uncertain.

Included below is a summary of the tax years, by jurisdiction, that remain subject to examination by taxing authorities at **September 30, 2022** **September 30, 2023**:

Jurisdiction	Fiscal Years Open
U.S. federal	2019 2020 – 2021 2022
Various U.S. states	2019 2020 – 2021 2022
Canada federal	2015 2016 – 2021 2022
Various Canadian provinces	2015 2016 – 2021 2022

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## 10. REVENUE FROM CONTRACTS WITH CUSTOMERS

### Disaggregation of Revenue

The following tables provide information about disaggregated revenue by revenue streams, reportable segments, geographical region, and timing of revenue recognition for the years ended **September 30, 2022** **September 30, 2023** and **2021**.

	Revenue streams:	Year ended September 30, 2022					Year ended September 30, 2023				
		Oil and natural gas	Contract drilling	Land investment	Other	Total	Oil and natural gas	Contract drilling	Land investment	Other	Total
Revenue streams:	Revenue streams:						Revenue streams:				
Oil	Oil	\$ 15,747,000	\$ —	\$ —	\$ —	<b>\$ 15,747,000</b>	Oil	\$ 14,259,000	\$ —	\$ —	<b>\$ 14,259,000</b>
Natural gas	Natural gas	4,527,000	—	—	—	<b>4,527,000</b>	Natural gas	3,441,000	—	—	<b>3,441,000</b>
Natural gas liquids	Natural gas liquids	2,307,000	—	—	—	<b>2,307,000</b>	Natural gas liquids	1,676,000	—	—	<b>1,676,000</b>

	Drilling and pump	—	4,540,000	—	—	4,540,000	Drilling and pump	—	5,427,000	—	—	5,427,000
	Contingent residual payments	—	—	1,295,000	—	1,295,000	Contingent residual payments	—	—	265,000	—	265,000
	Other	—	—	—	111,000	111,000	Other	—	—	—	114,000	114,000
	Total revenues before interest income	\$ 22,581,000	\$ 4,540,000	\$ 1,295,000	\$ 111,000	\$ 28,527,000	Total revenues before interest income	\$ 19,376,000	\$ 5,427,000	\$ 265,000	\$ 114,000	\$ 25,182,000
Geographical regions:	Geographical regions:						Geographical regions:					
United States	United States	\$ 3,496,000	\$ 4,540,000	\$ 1,295,000	\$ 9,000	\$ 9,340,000	United States	\$ 2,746,000	\$ 5,427,000	\$ 265,000	\$ 10,000	\$ 8,448,000
Canada	Canada	19,085,000	—	—	102,000	19,187,000	Canada	16,630,000	—	—	104,000	16,734,000
Total revenues before interest income	Total revenues before interest income	\$ 22,581,000	\$ 4,540,000	\$ 1,295,000	\$ 111,000	\$ 28,527,000	Total revenues before interest income	\$ 19,376,000	\$ 5,427,000	\$ 265,000	\$ 114,000	\$ 25,182,000
Timing of revenue recognition:	Timing of revenue recognition:						Timing of revenue recognition:					
Goods transferred at a point in time	Goods transferred at a point in time	\$ 22,581,000	\$ —	\$ 1,295,000	\$ 111,000	\$ 23,987,000	Goods transferred at a point in time	\$ 19,376,000	\$ —	\$ 265,000	\$ 114,000	\$ 19,755,000
Services transferred over time	Services transferred over time	—	4,540,000	—	—	4,540,000	Services transferred over time	—	5,427,000	—	—	5,427,000
Total revenues before interest income	Total revenues before interest income	\$ 22,581,000	\$ 4,540,000	\$ 1,295,000	\$ 111,000	\$ 28,527,000	Total revenues before interest income	\$ 19,376,000	\$ 5,427,000	\$ 265,000	\$ 114,000	\$ 25,182,000

	Revenue streams:	Year ended September 30, 2021					Year ended September 30, 2022					
		Oil and natural gas	Contract drilling	Land investment	Other	Total	Oil and natural gas	Contract drilling	Land investment	Other	Total	
		Revenue streams:	Revenue streams:	Revenue streams:	Revenue streams:	Revenue streams:	Revenue streams:	Revenue streams:	Revenue streams:	Revenue streams:	Revenue streams:	
Revenue streams:	Oil	\$ 7,617,000	\$ —	\$ —	\$ —	\$ 7,617,000	Oil	\$ 15,747,000	\$ —	\$ —	\$ 15,747,000	
	Natural gas	1,871,000	—	—	—	1,871,000	Natural gas	4,527,000	—	—	4,527,000	
	Natural gas liquids	766,000	—	—	—	766,000	Natural gas liquids	2,307,000	—	—	2,307,000	
	Drilling and pump	—	5,809,000	—	—	5,809,000	Drilling and pump	—	4,540,000	—	4,540,000	
	Contingent residual payments	—	—	1,738,000	—	1,738,000	Contingent residual payments	—	—	1,295,000	—	1,295,000
	Other	—	—	—	304,000	304,000	Other	—	—	—	111,000	111,000
Total revenues before interest income	Total revenues before interest income	\$ 10,254,000	\$ 5,809,000	\$ 1,738,000	\$ 304,000	\$ 18,105,000	Total revenues before interest income	\$ 22,581,000	\$ 4,540,000	\$ 1,295,000	\$ 111,000	\$ 28,527,000

Geographical regions:	Geographical regions:	Geographical regions:
United States	\$ 118,000 \$ 5,809,000 \$ 1,738,000 \$ 35,000 \$ 7,700,000	United States
Canada	10,136,000 — — 269,000 10,405,000	Canada 19,085,000 — — 102,000 19,187,000
Total revenues before interest income	\$ 10,254,000 \$ 5,809,000 \$ 1,738,000 \$ 304,000 \$ 18,105,000	Total revenues before interest income \$ 22,581,000 \$ 4,540,000 \$ 1,295,000 \$ 111,000 \$ 28,527,000
Timing of revenue recognition:	Timing of revenue recognition:	Timing of revenue recognition:
Goods transferred at a point in time	\$ 10,254,000 \$ — \$ 1,738,000 \$ 304,000 \$ 12,296,000	Goods transferred at a point in time \$ 22,581,000 \$ — \$ 1,295,000 \$ 111,000 \$ 23,987,000
Services transferred over time	— 5,809,000 — — 5,809,000	Services transferred over time — 4,540,000 — — 4,540,000
Total revenues before interest income	\$ 10,254,000 \$ 5,809,000 \$ 1,738,000 \$ 304,000 \$ 18,105,000	Total revenues before interest income \$ 22,581,000 \$ 4,540,000 \$ 1,295,000 \$ 111,000 \$ 28,527,000

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### Contract Balances

The following table provides information about accounts receivables, contract assets and contract liabilities from contracts with customers:

	Accounts receivables from contracts with customers	September 30,		September 30,		
		2022	2021	2023	2022	2021
Accounts receivables from contracts with customers	Accounts receivables from contracts with customers	\$ 4,038,000	\$ 2,797,000	Accounts receivables from contracts with customers	\$ 2,931,000	\$ 4,038,000 \$ 2,797,000
Contract assets	Contract assets	580,000	581,000	Contract assets	958,000	580,000 581,000
Contract liabilities	Contract liabilities	1,087,000	455,000	Contract liabilities	377,000	1,087,000 455,000

Accounts receivables from contracts with customers are included in "Accounts and other receivables, net of allowance for doubtful accounts," in the accompanying Consolidated Balance Sheets and contract assets, which includes costs and estimated earnings in excess of billings and retainage, are included in "Other current assets." assets" in the accompanying Consolidated Balance Sheets. Contract liabilities, which includes billings in excess of costs and estimated earnings are included in "Other current liabilities" in the accompanying Consolidated Balance Sheets.

Retainage, included in contract assets, represents amounts due from customers, but where payments are withheld contractually until certain construction milestones are met. Amounts retained typically range from 5% to 10% of the total invoice, up to contractually-specified maximums. The Company classifies as a current asset those retainages that are expected to be collected in the next twelve months.

Contract assets represent the Company's rights to consideration in exchange for services transferred to a customer that have not been billed as of the reporting date. The Company's rights are generally unconditional at the time its performance obligations are satisfied.

When the Company receives consideration, or such consideration is unconditionally due, from a customer prior to transferring goods or services to the customer under the terms of a sales contract, the Company records deferred revenue, which represents a contract liability. Such deferred revenue typically results from billings in excess of costs and estimated earnings on uncompleted contracts. As of **September 30, 2022** **September 30, 2023** and **2021**, the Company had **\$1,087,000** **\$377,000** and **\$455,000**, **\$1,087,000**, respectively, included in "Other current liabilities" on the Consolidated Balance Sheets for those performance obligations expected to be completed in the next twelve months.

During the years ended **September 30, 2022** **September 30, 2023** and **2021**, the amount of revenue recognized that was previously included in contract liabilities as of the beginning of the respective period was **\$394,000** **\$1,015,000** and **\$1,013,000**, **\$394,000**, respectively.

Contracts are sometimes modified for a change in scope or other requirements. The Company considers contract modifications to exist when the modification either creates new or changes the existing enforceable rights and obligations. Most of the Company's contract modifications are for goods and services that are not distinct from the existing performance obligations. The effect of a contract modification on the transaction price, and the measure of progress for the performance obligation to which it relates, is recognized as an adjustment to revenue (either as an increase or decrease) on a cumulative catchup basis.

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#### Performance Obligations

The Company's remaining performance obligations for drilling and pump installation contracts (hereafter referred to as "backlog") represent the unrecognized revenue value of the Company's contract commitments. The Company's backlog may vary significantly each reporting period based on the timing of major new contract commitments. In addition, our customers have the right, under some infrequent circumstances, to terminate contracts or defer the timing of the Company's services and their payments to us. Nearly all of the Company's contract drilling segment contracts have original expected durations of one year or less. At **September 30, 2022** **September 30, 2023**, the Company had five contract drilling jobs with original expected durations of greater than one year. For these contracts, approximately 71% **100%** of the remaining performance obligation of **\$4,890,000** **\$3,587,000** is expected to be recognized in the next twelve months and the remaining, thereafter, months.

#### Contract Fulfillment Costs

Preconstruction costs, which include costs such as set-up and mobilization, are capitalized and allocated across all performance obligations and deferred and amortized over the contract term on a progress towards completion basis. As of **September 30, 2022** **September 30, 2023** and **2021**, the Company had **\$689,000** **\$504,000** and **\$326,000**, **\$689,000**, respectively, in unamortized preconstruction costs related to contracts that were not completed. During the years ended **September 30, 2022** **September 30, 2023** and **2021**, the amortization of preconstruction costs related to contracts was **\$296,000** **\$326,000** and **\$224,000**, **\$296,000**, respectively. These amounts have been included in "Contract drilling operating" costs and expenses in the accompanying Consolidated Statements of Operations. Additionally, no impairment charges in connection with the Company's preconstruction costs were recorded during the years ended **September 30, 2022** **September 30, 2023** and **2021**.

#### Uninstalled Materials

Uninstalled materials, which typically consists of well casing or pumps, are excluded in the costs-to-costs calculation for the duration of the contract as including these costs would result in a distortion of progress towards satisfaction of the performance obligation due to the resulting cumulative catch-up in margin in a single period. An equal amount of cost and revenue is recorded when uninstalled materials are controlled by the customer, which is typically when Barnwell has the right to payment for the materials and when the materials are delivered to the customer's site or location and such materials have been accepted by the customer. As of **September 30, 2023** and **2022**, uninstalled materials was **\$348,000** and **\$351,000**, respectively. Uninstalled materials are held in inventory and included in "Other current assets" on the Company's Consolidated Balance Sheets.

A summary of Barnwell's uninstalled materials is as follows:

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	September 30, 2022	September 30, 2021
Uninstalled materials	\$ 351,000	\$ 226,000

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## 11. SEGMENT AND GEOGRAPHIC INFORMATION

Barnwell operates the following segments: 1) acquiring, developing, producing and selling oil and natural gas in Canada and Oklahoma the U.S. (oil and natural gas); 2) investing in land interests in Hawaii (land investment); and 3) drilling wells and installing and repairing water pumping systems in Hawaii (contract drilling).

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The following table presents certain financial information related to Barnwell's reporting segments. All revenues reported are from external customers with no intersegment sales or transfers.

	Revenues:	Year ended September 30,		Year ended September 30,	
		2022	2021	2023	2022
Revenues:	Revenues:				
Oil and natural gas	Oil and natural gas	\$ 22,581,000	\$ 10,254,000	\$ 19,376,000	\$ 22,581,000
Contract drilling	Contract drilling	4,540,000	5,809,000	5,427,000	4,540,000
Land investment	Land investment	1,295,000	1,738,000	265,000	1,295,000
Other	Other	111,000	304,000	114,000	111,000
Total before interest income	Total before interest income	28,527,000	18,105,000	25,182,000	28,527,000
Interest income	Interest income	18,000	8,000	87,000	18,000
Total revenues	Total revenues	\$ 28,545,000	\$ 18,113,000	\$ 25,269,000	\$ 28,545,000
Depletion, depreciation, and amortization:	Depletion, depreciation, and amortization:				
Oil and natural gas	Oil and natural gas	\$ 2,606,000	\$ 645,000	\$ 4,269,000	\$ 2,606,000
Contract drilling	Contract drilling	171,000	305,000	186,000	171,000
Other	Other	1,000	13,000	2,000	1,000
Total depletion, depreciation, and amortization	Total depletion, depreciation, and amortization	\$ 2,778,000	\$ 963,000	\$ 4,457,000	\$ 2,778,000
Impairment:	Impairment:				
Oil and natural gas		\$ —	\$ 630,000		
Contract drilling		—	38,000		
Land investment	Land investment	89,000	—	\$ —	\$ 89,000
Total impairment	Total impairment	\$ 89,000	\$ 668,000	\$ —	\$ 89,000

Operating profit (loss) (before general and administrative expenses):	Operating profit (loss) (before general and administrative expenses):	Operating profit (loss) (before general and administrative expenses):
Oil and natural gas	Oil and natural gas	Oil and natural gas
Contract drilling	Contract drilling	Contract drilling
Land investment	Land investment	Land investment
Other	Other	Other
Gain on sale of assets	Gain on sale of assets	Gain on sale of assets
Total operating profit	Total operating profit	Total operating profit
Equity in income of affiliates:	Equity in income of affiliates:	Equity in income of affiliates:
Land investment	Land investment	Land investment
General and administrative expenses	General and administrative expenses	General and administrative expenses
Foreign currency loss	(484,000)	—
Foreign currency gain (loss)		Foreign currency gain (loss)
Interest expense	Interest expense	Interest expense
Interest income	Interest income	Interest income
Gain on debt extinguishment	—	149,000
Gain on termination of post-retirement medical plan	—	2,341,000
Earnings before income taxes	\$ 6,519,000	\$ 7,535,000
(Loss) earnings before income taxes		(Loss) earnings before income taxes
		9692

#### Capital Expenditures:

	Year ended September 30,		Year ended September 30,	
	2022	2021	2023	2022
Oil and natural gas	Oil and natural gas	\$ 13,755,000	\$ 3,028,000	Oil and natural gas
Contract drilling	Contract drilling	45,000	62,000	Contract drilling
Other	Other	5,000	1,000	Other
Total	Total	\$ 13,805,000	\$ 3,091,000	Total
				\$ 12,540,000
				\$ 13,805,000

Oil and natural gas capital expenditures include acquisitions as well as changes to capitalized asset retirement obligations, including revisions of asset retirement obligations (see Note 7 for additional details).

Assets By Segment:

		September 30,		September 30,	
		2022	2021	2023	2022
Oil and natural gas <sup>(1)</sup>		\$ 17,477,000	\$ 6,401,000		
Contract drilling <sup>(2)</sup>		3,260,000	4,071,000		
Oil and natural gas:				Oil and natural gas:	
Canada				Canada	\$ 18,855,000
United States				United States	5,917,000
Contract drilling				Contract drilling	
<sup>(1)</sup>				<sup>(1)</sup>	3,100,000
Other:	Other:			Other:	
Cash and cash equivalents	Cash and cash equivalents	12,804,000	11,279,000	Cash and cash equivalents	2,830,000
Asset for retirement benefits				Asset for retirement benefits	4,471,000
Corporate and other	Corporate and other	3,674,000	2,684,000	Corporate and other	248,000
Total	Total	\$ 37,215,000	\$ 24,435,000	Total	\$ 35,421,000
					\$ 37,215,000

(1) Located primarily in the province of Alberta, Canada with a minor portion in Oklahoma.

(2) Located in Hawaii.

Long-Lived Assets By Geographic Area:

		September 30,		September 30,	
		2022	2021	2023	2022
United States	United States	\$ 4,540,000	\$ 4,180,000	United States	\$ 10,373,000
Canada	Canada	12,578,000	2,220,000	Canada	15,963,000
Total	Total	\$ 17,118,000	\$ 6,400,000	Total	\$ 26,336,000
					\$ 17,118,000

Revenue By Geographic Area:

		Year ended September 30,		Year ended September 30,	
		2022	2021	2023	2022
United States	United States	\$ 9,340,000	\$ 7,700,000	United States	\$ 8,448,000
Canada	Canada	19,187,000	10,405,000	Canada	16,734,000
Total (excluding interest income)	Total (excluding interest income)	\$ 28,527,000	\$ 18,105,000	Total (excluding interest income)	\$ 25,182,000
					\$ 28,527,000

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**12. ACCUMULATED OTHER COMPREHENSIVE INCOME**

Components of accumulated other comprehensive income, net of taxes, are as follows:

		Year ended September 30,		Year ended September 30,	
		2022	2021	2023	2022
Foreign currency translation:	Foreign currency translation:			Foreign currency translation:	
Beginning accumulated foreign currency translation	Beginning accumulated foreign currency translation	\$ 262,000	\$ 545,000	Beginning accumulated foreign currency translation	\$ 222,000
Change in cumulative translation adjustment before reclassifications	Change in cumulative translation adjustment before reclassifications	(40,000)	(283,000)	Change in cumulative translation adjustment before reclassifications	(2,000)
Income taxes	Income taxes	—	—	Income taxes	—
Net current period other comprehensive loss	Net current period other comprehensive loss	(40,000)	(283,000)	Net current period other comprehensive loss	(2,000)
Ending accumulated foreign currency translation	Ending accumulated foreign currency translation	222,000	262,000	Ending accumulated foreign currency translation	220,000
Retirement plans:	Retirement plans:			Retirement plans:	
Beginning accumulated retirement plans benefit cost	Beginning accumulated retirement plans benefit cost	(230,000)	(1,980,000)	Beginning accumulated retirement plans benefit cost	1,072,000
Amortization of net actuarial loss		—	101,000	Amortization of net actuarial gain	(79,000)
Amortization of net actuarial gain				Net actuarial gain arising during the period	891,000
Net actuarial gain arising during the period	Net actuarial gain arising during the period	1,302,000	1,108,000	Net actuarial gain arising during the period	1,302,000
Gain on termination of post-retirement medical plan		—	541,000	Income taxes	—
Income taxes	Income taxes	—	—	Net current period other comprehensive income	812,000
Net current period other comprehensive income	Net current period other comprehensive income	1,302,000	1,750,000	Ending accumulated retirement plans benefit income (cost)	(230,000)
Ending accumulated retirement plans benefit income		1,072,000	(230,000)	Ending accumulated retirement plans benefit income	1,884,000
Accumulated other comprehensive income, net of taxes	Accumulated other comprehensive income, net of taxes	\$ 1,294,000	\$ 32,000	Accumulated other comprehensive income, net of taxes	\$ 2,104,000
					\$ 1,294,000

The amortization of net actuarial loss/gain for the retirement plans are included in the computation of net periodic benefit (income) cost which is a component of "General and administrative" expenses on the accompanying Consolidated Statements of Operations (see Note 8 for additional

details).

### **13. FAIR VALUE MEASUREMENTS**

#### *Fair Value of Financial Instruments*

The carrying values of cash and cash equivalents, accounts and other receivables, accounts payable and accrued current liabilities approximate their fair values due to the short-term nature of the instruments.

#### *Assets and Liabilities Measured at Fair Value on a Nonrecurring Basis*

The estimated fair values of oil and natural gas properties and the asset retirement obligation incurred in the drilling of oil and natural gas wells or assumed in the acquisitions of additional oil and natural gas working interests are based on an estimated discounted cash flow model and market assumptions. The significant Level 3 assumptions used in the calculation of estimated discounted cash flows included future commodity prices, projections of estimated quantities of oil and natural gas reserves, expectations for timing and amount of future development, operating and asset retirement costs, projections of future rates of production, expected recovery rates and risk adjusted discount rates. See Note 6 for additional information regarding oil and natural gas property acquisitions.

Barnwell estimates the fair value of asset retirement obligations based on the projected discounted future cash outflows required to settle abandonment and restoration liabilities. Such an estimate requires assumptions and judgments regarding the existence of liabilities, the amount and timing of cash outflows

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required to settle the liability, what constitutes adequate restoration, inflation factors, credit adjusted discount rates, and consideration of changes in legal, regulatory, environmental and political

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environments. Abandonment and restoration cost estimates are determined in conjunction with Barnwell's reserve engineers based on historical information regarding costs incurred to abandon and restore similar well sites, information regarding current market conditions and costs, and knowledge of subject well sites and properties. Asset retirement obligation fair value measurements in the current period were Level 3 fair value measurements. As further described in Note 7, the Company recognizes the fair value of a liability for an asset retirement obligation in the period in which it is incurred if a reasonable estimate of fair value can be made. Asset retirement obligations are not measured at fair value subsequent to initial recognition.

### **14. DEBT**

#### *Canada Emergency Business Account Loan*

In the quarter ended December 31, 2020, the Company's Canadian subsidiary, Barnwell of Canada, received ~~a~~ an interest-free loan of CAD\$40,000 (in Canadian dollars) under the Canada Emergency Business Account ("CEBA") loan program for small businesses. In the quarter ended March 31, 2021, the Company applied for an increase to our CEBA loan and received an additional CAD\$20,000 for a total loan amount received of CAD\$60,000 (\$~~44,000~~ 45,000) under the program. ~~In January 2022, the Canadian government announced the extension of the~~ The CEBA loan repayment deadline and interest-free period from December 31, 2022 to December 31, 2023. Accordingly, the CEBA loan ~~is~~ was interest-free with no principal payments required until December 31, 2023, after which the remaining loan balance is converted to a two year term loan at 5% annual ~~interest paid monthly. If~~ and if the Company ~~repays~~ repaid 66.7% of the principal amount prior to December 31, 2023, ~~there will~~ 33.3% of the loan ~~would~~ be loan forgiveness of 33.3% up to a maximum of CAD\$20,000.

~~Paycheck Protection Program Loan~~ forgiven.

In April 2020, September 2023, the Company as obligor, entered into a promissory note evidencing an unsecured loan in balance of CAD\$40,000 and the approximate amount remaining loan balance of \$147,000 under CAD\$20,000 was forgiven per the PPP pursuant to the CARES Act that was signed into law in March 2020. The note was to mature two years after the date terms of the CEBA loan disbursement with interest at a fixed annual rate of 1.00%, and with the principal and interest payments deferred until ten months after the last day of the covered period. In April 2021, the Company was notified by the lender of our PPP loan that the entire PPP loan amount and related accrued interest was forgiven by the Small Business Administration. As agreement. Accordingly, as a result of the loan forgiveness, the Company recognized a gain on debt extinguishment of \$149,000 \$15,000 during the year ended September 30, 2021. September 30, 2023, which was included in the "Gas processing and other" line item in the accompanying Consolidated Statements of Operations.

## 15. LEASES

The Company's right-of-use ("ROU") assets and lease liabilities at September 30, 2022 September 30, 2023, primarily relate to non-cancelable operating leases for our Hawaii corporate and Canadian office spaces and our leasehold land interest for Lot 4C held by Kaupulehu Developments. Management determines if a contract is or contains a lease at inception of the contract or modification of the contract. A contract is or contains a lease if the contract conveys the right to control the use of the asset for a period in exchange for consideration.

Operating lease ROU assets and liabilities are recognized based on the present value of future minimum lease payments over the expected lease term at commencement date. The Company's leases do not provide a readily determinable implicit rate; therefore, management uses the Company's incremental borrowing rate to discount lease payments based on information available at lease commencement. Our

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lease terms may include options to extend or terminate the lease when it is reasonably certain we will exercise that option. Lease expense for minimum lease payments is recognized on a straight-line basis over the expected lease terms. The Company has lease agreements with lease and non-lease components and the non-lease components are excluded in the calculation of the ROU asset and lease liability and expensed as incurred. None of the Company's lease agreements contain material residual value guarantees or material restrictions or covenants.

A ROU asset and corresponding lease liability is not recorded for leases with an initial term of 12 months or less (short-term leases) as the Company recognizes lease expense for these leases as incurred over the lease term.

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In September fiscal 2022, the Company determined that the right-of-use asset related to the operating lease for the Lot 4C leasehold land zoned conservation held by Kaupulehu Developments was fully impaired as of September 30, 2022. As a result, the Company recognized an \$89,000 right-of-use asset impairment expense during in the year ended September 30, 2022.

Leases recorded on the balance sheet consist of the following:

	Assets:	September 30,		September 30,	
		2022		2023	
		2021	2022	2023	2022
Assets:	Assets:				
	Operating lease right-of-use assets	\$ 132,000	\$ 296,000	\$ 54,000	\$ 132,000
	Total right-of-use assets	\$ 132,000	\$ 296,000	\$ 54,000	\$ 132,000
Liabilities:	Liabilities:				

	Current portion of operating lease		Current portion of operating lease	
liabilities (1)	\$ 105,000	\$ 117,000	liabilities (1)	\$ 71,000
Operating lease			Operating lease	
liabilities	117,000	180,000	liabilities	47,000
Total lease liabilities	\$ 222,000	\$ 297,000	Total lease liabilities	\$ 118,000

(1) Amount included in "Other Current Liabilities" in the Consolidated Balance Sheets.

The components of lease expense are as follows:

	Year ended September 30,		Year ended September 30,			
	2022	2021	2023	2022		
Operating lease cost	Operating lease cost	\$ 108,000	\$ 130,000	Operating lease cost	\$ 88,000	\$ 108,000
Short-term lease cost	Short-term lease cost	327,000	254,000	Short-term lease cost	347,000	327,000
Variable lease cost	Variable lease cost	154,000	103,000	Variable lease cost	136,000	154,000
Total lease cost	Total lease cost	\$ 589,000	\$ 487,000	Total lease cost	\$ 571,000	\$ 589,000

Supplemental information related to leases is as follows:

	September 30,		September 30,	
	2022	2021	2023	2022
Cash paid related to operating lease liabilities	\$ 108,000	\$ 133,000	\$ 114,000	\$ 108,000
Cash paid related to operating lease liabilities			Cash paid related to operating lease liabilities	
Operating leases:	Operating leases:		Operating leases:	
Weighted-average remaining lease term (in years)	2.4	2.9	1.7	2.4
Weighted-average discount rate	5.30%	5.19%	5.53%	5.30%

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The remaining lease payments for our operating leases as of September 30, 2022 September 30, 2023, are as follows:

Fiscal year ending:	Fiscal year ending:	Fiscal year ending:
2023	\$	113,000

2024	2024	75,000	2024	\$	75,000
2025	2025	41,000	2025		41,000
2026	2026	8,000	2026		8,000
2027	2027	—	2027		—
Thereafter through 2028		—	2028		—
2028			Thereafter		—
Thereafter					—
Total lease payments	Total lease payments	237,000	Total lease payments		124,000
Less: amounts representing interest	Less: amounts representing interest	(15,000)	Less: amounts representing interest		(6,000)
Present value of lease liabilities	Present value of lease liabilities	\$ 222,000	Present value of lease liabilities	\$	118,000

The lease payments for the Lot 4C leasehold land zoned conservation were subject to renegotiation as of January 1, 2006. Per the lease agreement, the lease payments will remain unchanged pending an appraisal, whereupon the lease rent could be adjusted to fair market value. Barnwell does not know the amount of the new lease payments which could be effective upon performance of the appraisal; they may remain unchanged or increase, and Barnwell currently expects the adjustment, if any, to not be material. The future lease payment disclosures above assume the minimum lease payments for leasehold land in effect at December 31, 2005 remain unchanged through December 2025, the end of the lease term.

## 16. STOCKHOLDERS' EQUITY

*In May 2022, Barnwell's stockholders approved the amendment to increase the Company's number of authorized shares of common stock from 20,000,000 to 40,000,000 shares and approved amendments to the Company's 2018 Equity Incentive Plan which included the amendment to increase the total number of shares of stock authorized for awards from 800,000 to 1,600,000 shares among other amendments.*

### Share-based Compensation Payment Arrangements

#### 2018 Equity Incentive Plan

The Company's stock option plans are stockholder-approved 2018 Equity Incentive Plan is administered by the Compensation Committee of the Board of Directors. The stockholder-approved 2018 Equity Incentive Plan Directors and provides for the issuance of incentive stock options, nonstatutory stock options, stock options with stock appreciation rights, restricted stock, restricted stock units and performance units, qualified performance-based awards, and stock grants to employees, consultants and non-employee members of the Board of Directors. 1,600,000 shares of Barnwell common stock have been reserved for issuance and as of September 30, 2022 September 30, 2023, a total of 935,000 1,095,000 share options remain available for grant.

Barnwell currently has a policy of issuing new shares to satisfy share option exercises when the optionee requests shares.

#### Equity-classified Awards Stock Options

In February 2021, the Board of Directors of the Company granted options to purchase 665,000 shares of common stock, 310,000 shares to independent directors and 355,000 shares to employees. 605,000 shares of the stock options granted have an exercise price equal to the closing market price of

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Barnwell's stock on the date of grant of \$3.33, vest annually over three years, and expire in ten years from the date of grant. 60,000 shares of the stock options granted have an exercise price of \$3.66 (110% of the closing market price on the date of grant for options granted to affiliates), vest annually over three years, and expire in five years from the date of grant.

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The following assumptions were used in estimating the fair value for equity-classified share stock options granted in the year ended September 30, 2021:

	> 10% Owner-Employee	Others
Number of shares	60,000	605,000
Expected volatility	127.4%	105.8%
Expected dividends	None	None
Expected term (in years)	3.5	6.0
Risk-free interest rate	0.19%	0.82%
Expected forfeitures	None	None
Fair value per share	\$2.51	\$2.70

The application of alternative assumptions could produce significantly different estimates of the fair value of share-based compensation, and consequently, the related costs reported in the "General and administrative" expenses in the Consolidated Statements of Operations.

A summary of the activity in The following table summarizes Barnwell's equity-classified share stock options activity from October 1, 2021 October 1, 2022 through September 30, 2022 is presented below: September 30, 2023:

Options	Options	Shares	Price	Weighted-Average			Options	Shares	Price	Weighted-Average		
				Weighted-Average	Remaining	Aggregate				Weighted-Average	Remaining	Aggregate
Exercise	Contractual	Intrinsic	Exercise	Contractual	Intrinsic	Term	Exercise	Contractual	Value	Term	Value	Term
Outstanding at October 1, 2021		615,000	\$ 3.36									
Outstanding at October 1, 2022							Outstanding at October 1, 2022	615,000	\$ 3.36			
Granted	Granted	—	—				Granted	—	—			
Exercised	Exercised	—	—				Exercised	—	—			
Expired/Forfeited	Expired/Forfeited	—	—				Expired/Forfeited	(150,000)	3.33			
Outstanding at September 30, 2022		615,000	\$ 3.36	7.9	\$ —							
Exercisable at September 30, 2022		205,000	\$ 3.36	7.9	\$ —							
Outstanding at September 30, 2023							Outstanding at September 30, 2023					
Exercisable at September 30, 2023							Exercisable at September 30, 2023					
								465,000	\$ 3.37	6.7	\$ —	

Compensation cost for equity-classified stock option awards is measured at the grant date based on the fair value of the award and is recognized as an expense over the requisite service period. During the years ended September 30, 2022 September 30, 2023 and 2021, 2022, the Company recognized share-based compensation expense related to stock options of \$657,000 \$164,000 and \$643,000, \$657,000, respectively. There was no impact on income taxes for the years ended September 30, 2022 September 30, 2023 and 2021 2022 due to a full valuation allowance on the related deferred tax asset. As of September 30, 2022 September 30, 2023, the total remaining unrecognized compensation cost related to nonvested share stock options was \$348,000, \$50,000, which is expected to be recognized over the weighted-average remaining requisite service period of 1.4 0.4 years.

#### Restricted Stock Units

On June 9, 2023, the Board of Directors of the Company granted a total of 37,312 restricted stock units to the independent directors of the Board as partial payment of fiscal 2023 director fees for their service as members of the Board from the period of April 1, 2023 to September 30, 2023. The restricted stock units vested and became nonforfeitable on September 30, 2023.

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**Cash Dividend** The following table summarizes Barnwell's restricted stock units activity from October 1, 2022 through September 30, 2023:

Restricted Stock Units	Shares	Weighted-Average Grant Date Fair Value
Nonvested at October 1, 2022	—	\$ —
Granted	37,312	2.65
Vested <sup>(1)</sup>	(37,312)	2.65
Forfeited	—	—
Nonvested at September 30, 2023	—	\$ —

(1)The underlying common stock for these vested restricted stock units were not yet issued as of September 30, 2023; in November 2023, the Company issued 9,328 shares of common stock for a portion of these vested restricted stock units.

Compensation cost for restricted stock unit awards is measured at fair value and is recognized as an expense over the requisite service period. During the year ended September 30, 2023, the Company recognized share-based compensation expense related to vested restricted stock units of \$99,000. There was no share-based compensation expense related to restricted stock units recognized during the year ended September 30, 2022. There was no impact on income taxes for the year ended September 30, 2023 due to a net operating loss and net operating loss carryforwards with a full valuation allowance in the relevant taxing jurisdiction.

#### Common Stock Issued for Services

In August 2022, May 2023, the Company's Company issued a total of 34,091 shares of Barnwell common stock to certain independent directors for their services on behalf of the Company and the Board of Directors pertaining to the negotiations of the Cooperation Agreement and the settlement of the potential proxy contest (see Note 19 for additional details). The total value of the shares issued was \$90,000 which was valued using the closing price of Barnwell's common stock on May 11, 2023, the date of grant. There was no impact on income taxes for the year ended September 30, 2023 related to the common stock issued for services due to a net operating loss and net operating loss carryforwards with a full valuation allowance in the relevant taxing jurisdiction.

#### Cash Dividends

The following table sets forth the cash dividends paid per share of common stock during fiscal 2023 and 2022.

Record Date	Date of Payment	Dividend Paid
August 24, 2023	September 11, 2023	\$0.015
May 25, 2023	June 12, 2023	\$0.015
February 23, 2023	March 13, 2023	\$0.015
December 27, 2022	January 11, 2023	\$0.015
August 23, 2022	September 6, 2022	\$0.015

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#### The Tax Benefits Preservation Plan

On October 17, 2022, the Board of Directors of the Company adopted a Tax Benefits Preservation Plan (the "Tax Plan") designed to protect the availability of the Company's existing net operating loss carryforwards and certain other tax attributes. To implement the Tax Plan, the Board of Directors declared a cash dividend of \$0.015 per one right (a "Right") for each outstanding share that of the Company's common stock. On January 25, 2023, the Tax Plan was paid on September 6, 2022 terminated by the Board of Directors and as a result, all Rights distributed to stockholders holders of record on August 23, 2022. No dividends were declared or paid during fiscal 2021. the Company's common stock expired at the time of termination.

#### *At The Market Offering*

On March 16, 2021, the Company entered into a Sales Agreement (the "Sales Agreement") with A.G.P./Alliance Global Partners ("A.G.P."), with respect to an at-the-market offering program ("ATM") pursuant to which the Company may offer and sell, from time to time, shares of its common stock, par value \$0.50 per share, having an aggregate sales price of up to \$25 million (subject to certain limitations set forth in the Sales Agreement and applicable securities laws, rules and regulations), through or to A.G.P as the Company's sales agent or as principal. Sales of our common stock under the ATM, if any, will be made by any methods deemed to be "at the market offerings" as defined in Rule 415(a)(4) under the Securities Act, including sales made directly on the NYSE American, on any other existing trading market for our Common Stock, or to or through a market maker. Shares of common stock sold under the ATM are offered pursuant to the Company's Registration Statement on Form S-3 (File No. 333-254365), filed with the Securities and Exchange Commission on March 16, 2021, and declared effective on March 26, 2021 (the "Registration Statement"), and the prospectus dated March 26, 2021, included in the Registration Statement.

During the year ended September 30, 2022, the Company sold 509,467 shares of common stock resulting in net proceeds of \$2,356,000 after commissions and fees of \$75,000 and ATM-related professional services of \$22,000. During the year ended September 30, 2021, the Company sold 1,167,987 shares of common stock resulting in net proceeds of \$3,179,000 after commissions and fees of \$123,000 and ATM-related professional services of \$605,000.

As of September 30, 2022, the Company has received \$5,535,000 in cumulative net proceeds from the shares sold under the ATM program. In August 2022, the Company's Board of Directors suspended the sales of our common stock under the ATM until further notice.

#### **17. COMMITMENTS AND CONTINGENCIES**

##### *Incentive compensation plan*

Barnwell established an incentive compensation plan plans to compensate all Canadian the four oil and natural gas segment personnel and an incentive compensation plan to compensate Canadian executive officers. The value of the plans are directly related to our oil and natural gas segment's free cash flows from Canadian properties and the divestiture of Canadian oil and natural gas assets. As of September 30, 2022 September 30, 2023, Barnwell has accrued approximately \$381,000 \$286,000 in bonus compensation under these plans and the amount is reported in "Accrued compensation" on the Consolidated Balance Sheet at September 30, 2022 September 30, 2023.

##### *Subscription Receipts Agreement*

In May 2022, Barnwell Investments LLC, a new wholly-owned subsidiary of Barnwell Industries Inc., entered into an agreement to participate in a private placement offering (the "Offering") of subscriptions receipts (the "Subscription Agreement") with 1287398 B.C. Ltd. (the "Issuer") and agreed to purchase 1,724,138 subscription receipts at a price of \$1.16 per subscription receipt for a total of

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\$2,000,000 from the Issuer. 1287398 B.C. Ltd. is a Canadian reporting issuer. The Offering is subject to regulatory approvals, including the conditional listing approval by the TSX Venture Exchange.

The Subscription Agreement was held in escrow by the Issuer until certain escrow release conditions were met which included the Issuer raising an additional \$3,000,000 in gross proceeds from other parties under the private placement offering for total minimum gross proceeds of \$5,000,000. As of September 30, 2022, the escrow release condition had not been satisfied and no cash was paid by the Company to the Issuer. In November 2022, the Subscription Agreement was terminated by the Company and therefore the Company no longer has a commitment with the Issuer.

## Environmental Matters The Tax Benefits Preservation Plan

Because On October 17, 2022, the Board of Directors of the inherent uncertainties associated Company adopted a Tax Benefits Preservation Plan (the "Tax Plan") designed to protect the availability of the Company's existing net operating loss carryforwards and certain other tax attributes. To implement the Tax Plan, the Board of Directors declared a dividend of one right (a "Right") for each outstanding share of the Company's common stock. On January 25, 2023, the Tax Plan was terminated by the Board of Directors and as a result, all Rights distributed to holders of the Company's common stock expired at the time of termination.

### At The Market Offering

On March 16, 2021, the Company entered into a Sales Agreement (the "Sales Agreement") with environmental assessment A.G.P/Alliance Global Partners ("A.G.P."), with respect to an at-the-market offering program ("ATM") pursuant to which the Company may offer and remediation activities, future expenses sell, from time to remediate sites identified time, shares of its common stock, par value \$0.50 per share, having an aggregate sales price of up to \$25 million (subject to certain limitations set forth in the future, Sales Agreement and applicable securities laws, rules and regulations), through or to A.G.P as the Company's sales agent or as principal. Sales of our common stock under the ATM, if any, could will be incurred. Barnwell's management is not currently aware made by any methods deemed to be "at the market offerings" as defined in Rule 415(a)(4) under the Securities Act, including sales made directly on the NYSE American, on any other existing trading market for our Common Stock, or to or through a market maker. Shares of any significant environmental contingent liabilities requiring disclosure or accrual.

Legal common stock sold under the ATM are offered pursuant to the Company's Registration Statement on Form S-3 (File No. 333-254365), filed with the Securities and Regulatory Matters

Barnwell is routinely involved in disputes with third parties that occasionally require litigation. In addition, Barnwell is required to maintain compliance with all current governmental controls Exchange Commission on March 16, 2021, and regulations declared effective on March 26, 2021 (the "Registration Statement"), and the prospectus dated March 26, 2021, included in the ordinary course of business. Barnwell's management is not aware of any claims or litigation involving Barnwell that are likely to have a material adverse effect on its results of operations, financial position or liquidity.

In the quarter ended December 31, 2021, it was determined that a contract drilling segment well completed in the period did not meet the contract specifications for plumbness under a gyroscopic plumbness test which the contract required. While the well did pass the cage plumbness test, the contract uses the gyroscopic test as the measure of plumbness. Barnwell and the customer currently have an arrangement where Barnwell will provide for centralizers, armored cabling and a pump installation and removal test to confirm that plumbness is satisfactory. Barnwell's management believes the plumbness deviation is not impactful to the performance of the submersible pumps that will be installed in the well. Accordingly, while costs for the centralizers, armored cabling and the pump installation and removal test have been accrued, no accrual has been recorded as of September 30, 2022 for any further costs related to this contract as there is no related probable or estimable contingent liability.

### Other Matters

Barnwell is obligated to pay Nearco Enterprises Ltd. 10.4%, net of non-controlling interests' share, of Kaupulehu Developments' gross receipts from real estate transactions. The fees represent compensation for promotion and marketing of Kaupulehu Developments' property and were determined based on the estimated fair value of such services. These fees are included in general and administrative expenses.

Barnwell is obligated to pay its external real estate legal counsel 1.2%, net of non-controlling interests' share, of all Increment II payments received by Kaupulehu Developments for services provided

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by its external real estate legal counsel in the negotiation and closing of the Increment II transaction. These fees are included in general and administrative expenses.

Kaupulehu Developments is also obligated to pay an amount equal to 0.72% and 0.20% of the cumulative net profits of KD II to KD Development and a pool of various individuals, respectively, all of whom are partners of KKM and are unrelated to Barnwell, in compensation for the agreement of these parties to admit the new development partner for Increment II. Such compensation will be reflected as the obligation becomes probable and the amount of the obligation can be reasonably estimated.

## **18. INFORMATION RELATING TO THE CONSOLIDATED STATEMENTS OF CASH FLOWS**

The following table details the effect of changes in current assets and liabilities on the Consolidated Statements of Cash Flows, and presents supplemental cash flow information:

	Year ended September 30,	
	2022	2021
<i>Increase (decrease) from changes in:</i>		
Receivables	\$ (1,763,000)	\$ (814,000)
Income tax receivable	15,000	457,000
Other current assets	(531,000)	(920,000)
Accounts payable	110,000	(746,000)
Accrued compensation	(48,000)	668,000
Other current liabilities	1,190,000	(796,000)
Decrease from changes in current assets and liabilities	<u>\$ (1,027,000)</u>	<u>\$ (2,151,000)</u>
<i>Supplemental disclosure of cash flow information:</i>		
Cash paid (received) during the year for:		
Income taxes refunded, net	<u>\$ (98,000)</u>	<u>\$ (303,000)</u>
<i>Supplemental disclosure of non-cash investing activities:</i>		
Canadian income tax withheld on proceeds from the sale of oil and natural gas properties	<u>\$ —</u>	<u>\$ 598,000</u>

Capital expenditure accruals related to oil and natural gas acquisition and development increased \$882,000 and \$346,000 during the years ended September 30, 2022 and 2021, respectively. Additionally, capital expenditure accruals related to oil and natural gas asset retirement obligations increased \$2,703,000 and \$811,000 during the years ended September 30, 2022 and 2021, respectively.

## **19. RELATED PARTY TRANSACTIONS**

Kaupulehu Developments is entitled to receive payments from the sales of lots and/or residential units by KD I and KD II. KD I and KD II are part of the Kukio Resort Land Development Partnerships in which Barnwell holds indirect 19.6% and 10.8% non-controlling ownership interests, respectively, accounted for under the equity method of investment. The percentage of sales payments are part of transactions which took place in 2004 and 2006 where Kaupulehu Developments sold its leasehold interests in Increment I and Increment II to KD I's and KD II's predecessors in interest, respectively, which was prior to Barnwell's affiliation with KD I and KD II which commenced on November 27, 2013, the acquisition date of our ownership interest in the Kukio Resort Land Development Partnerships. Changes

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to the arrangement above, effective March 7, 2019, are discussed in Note 3. Registration Statement.

During the year ended September 30, 2022, Barnwell received \$1,295,000 the Company sold 509,467 shares of common stock resulting in percentage net proceeds of sales payments from KD I from \$2,356,000 after commissions and fees of \$75,000 and ATM-related professional services of \$22,000. In August 2022, the sale of six lots within Increment I. During the year ended September 30, 2021, Barnwell received \$1,738,000 in percentage of sales payments from KD I from the sale of eight lots within Increment I.

Mr. Colin R. O'Farrell, formerly a member of the Company's Board of Directors suspended the sales of our common stock under the Company through March 7, 2022, is ATM until further notice.

## **17. COMMITMENTS AND CONTINGENCIES**

### *Incentive compensation plan*

Barnwell established incentive compensation plans to compensate the sole member of Four Pines Operating LLC which owns a 25% interest in Gros Ventre. In February 2021, Gros Ventre and BOK, a wholly-owned subsidiary of Barnwell, entered into the Teton Operating Agreement of Teton Barnwell, an entity formed for the purpose of directly investing in four oil and natural gas exploration and development in Oklahoma. Under the terms segment Canadian executive officers. The value of the Teton Operating Agreement, Gros Ventre makes no capital contributions plans are

directly related to our oil and receives 2% natural gas segment's free cash flows from Canadian properties and the divestiture of Canadian oil and natural gas assets. As of September 30, 2023, Barnwell has accrued approximately \$286,000 in bonus compensation under these plans and the profits of Teton Barnwell. Additionally, as the manager of Teton Barnwell, Gros Ventre amount is paid an annual asset management fee equal to 1% of the cumulative capital contributions made to Teton Barnwell as compensation for its management services.

## **20. SUBSEQUENT EVENTS**

### *Gain on Sale of Drilling Rig*

In September 2022, the Company entered into a purchase and sale agreement with an independent third party for the sale of a contract drilling segment drilling rig and received a payment of \$551,000, net of related costs. At September 30, 2022, the legal title for the drilling rig had not yet transferred to the buyer and therefore, the Company did not record a sale during the year ended September 30, 2022. The proceeds received from the buyer was recognized as a deposit and recorded reported in "Other Current Liabilities" "Accrued compensation" on the Company's Consolidated Balance Sheet at September 30, 2022. No amount was recorded as assets held for sale at September 30, 2022 as the drilling rig was fully depreciated and therefore had a net book value of zero. In October 2022, the legal title for the drilling rig was transferred to the buyer and as a result, the Company will recognize a \$551,000 gain on the sale of the drilling rig in the first quarter of fiscal 2023 ending December 31, 2022 September 30, 2023.

### *The Tax Benefits Preservation Plan*

On October 17, 2022, the Board of Directors of the Company adopted a Tax Benefits Preservation Plan (the "Tax Plan") designed to protect the availability of the Company's existing net operating loss carryforwards and certain other tax attributes (collectively, the "Tax Benefits").

The Company has generated substantial Tax Benefits, which could potentially be used in certain circumstances to reduce its future income tax obligations. Utilization of these NOLs and other Tax Benefits depends on many factors, including the Company's future taxable income. Additionally, the Company's ability to use its Tax Benefits would be substantially limited if it were to experience an "ownership change," as defined under Section 382 of the Internal Revenue Code of 1986, as amended ("Section 382"). In general, a corporation would experience an ownership change if the percentage of the corporation's stock owned by one or more "5% stockholders," as defined under Section 382, were to increase by more than 50 percentage points over their lowest ownership percentage within a rolling three-year period (or, if a shorter period, since the Company's last ownership change). The purpose of the Tax Plan is to reduce the likelihood that the Company will experience an ownership change under Section 382, which would limit the Company's future use of its Tax Benefits and, in turn, significantly impair the value of such Tax Benefits.

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Absent the adoption of the Tax Plan, the Company would be at a greater risk of experiencing an ownership change under Section 382 in the future as a result of certain changes in its investor base and subsequent shifts in its stock ownership that cannot be predicted or controlled. If the Company were to undergo an ownership change, limitations would be placed on the Company's ability to utilize the Tax Benefits in future years in which it has taxable income, and the Company would pay more taxes than if it were able to utilize the Tax Benefits fully. This could result in a negative impact on the Company's financial position, results of operations, and cash flows. The Tax Plan is designed to preserve the Tax Benefits by reducing the risk of an ownership change under Section 382.

The Tax Plan adopted by the Board of Directors is similar to plans adopted by other publicly held companies with substantial Tax Benefits and has a limited duration of three years. The Tax Plan is not designed to prevent any action that the Board of Directors determines to be in the best interest of the Company and its stockholders.

attributes. To implement the Tax Plan, the Board of Directors declared a dividend of one right (a "Right") for each outstanding share of the Company's common stock. The Rights will be issued to stockholders of record at the close of business on October 27, 2022 pursuant to the Tax Plan. The Rights will be exercisable if a person or group of persons acquires 4.95% or more of the Company's common stock. The Rights will also be exercisable if a person or group of persons that already owns 4.95% or more of the Company's common stock acquires an additional share other than as a result of a dividend or a stock split. Existing stockholders that beneficially own in excess of 4.95% of the Company's common stock will be "grandfathered in" at their current ownership level. If the Rights become exercisable, all holders of Rights, other than the person or group of persons triggering the Rights, will be entitled to purchase shares of the Company's common stock at a 50% discount. Rights held by the person or group of persons triggering the Rights will become void and will not be exercisable.

The Tax Plan also includes an exchange option. At any time after any person or group of persons acquires 4.95% or more of the Company's common stock, but less than 50% or more of the outstanding shares of the Company's common stock, the Board of Directors, at its option, may exchange the Rights (other than Rights owned by such person or group of persons which will have become void) On January 25, 2023, in whole or in part, at an exchange ratio of three shares of the Company's common stock per outstanding Right (subject to adjustment).

The Rights will trade with the Company's common stock and will expire at the close of business on October 17, 2025. The Rights will expire under other circumstances as described in the Tax Plan including on the date set was terminated by the Board of Directors following and as a determination that the Tax Plan is no longer necessary or desirable for the preservation result, all Rights distributed to holders of the Tax Benefits Company's common stock expired at the time of termination.

#### At The Market Offering

On March 16, 2021, the Company entered into a Sales Agreement (the "Sales Agreement") with A.G.P./Alliance Global Partners ("A.G.P."), with respect to an at-the-market offering program ("ATM") pursuant to which the Company may offer and sell, from time to time, shares of its common stock, par value \$0.50 per share, having an aggregate sales price of up to \$25 million (subject to certain limitations set forth in the Sales Agreement and applicable securities laws, rules and regulations), through or no significant Tax Benefits are available to A.G.P as the Company's sales agent or as principal. Sales of our common stock under the ATM, if any, will be made by any methods deemed to be carried forward "at the market offerings" as defined in Rule 415(a)(4) under the Securities Act, including sales made directly on the NYSE American, on any other existing trading market for our Common Stock, or to or through a market maker. Shares of common stock sold under the ATM are otherwise available. The offered pursuant to the Company's Registration Statement on Form S-3 (File No. 333-254365), filed with the Securities and Exchange Commission on March 16, 2021, and declared effective on March 26, 2021 (the "Registration Statement"), and the prospectus dated March 26, 2021, included in the Registration Statement.

During the year ended September 30, 2022, the Company sold 509,467 shares of common stock resulting in net proceeds of \$2,356,000 after commissions and fees of \$75,000 and ATM-related professional services of \$22,000. In August 2022, the Company's Board of Directors may terminate suspended the Tax Plan prior sales of our common stock under the ATM until further notice.

#### 17. COMMITMENTS AND CONTINGENCIES

##### *Incentive compensation plan*

Barnwell established incentive compensation plans to compensate the four oil and natural gas segment Canadian executive officers. The value of the plans are directly related to our oil and natural gas segment's free cash flows from Canadian properties and the divestiture of Canadian oil and natural gas assets. As of September 30, 2023, Barnwell has accrued approximately \$286,000 in bonus compensation under these plans and the amount is reported in "Accrued compensation" on the Consolidated Balance Sheet at September 30, 2023.

##### *Environmental Matters*

Because of the inherent uncertainties associated with environmental assessment and remediation activities, future expenses to remediate sites identified in the future, if any, could be incurred. Barnwell's management is not currently aware of any significant environmental contingent liabilities requiring disclosure or accrual.

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##### *Legal and Regulatory Matters*

Barnwell is routinely involved in disputes with third parties that occasionally require litigation. In addition, Barnwell is required to maintain compliance with all current governmental controls and regulations in the ordinary course of business. Barnwell's management is not aware of any claims or litigation involving Barnwell that are likely to have a material adverse effect on its results of operations, financial position or liquidity.

In the quarter ended December 31, 2021, it was determined that a contract drilling segment well completed in the period did not meet the contract specifications for plumbness under a gyroscopic plumbness test which the contract required. While the well did pass the cage plumbness test, the contract uses the gyroscopic test as the measure of plumbness. Barnwell and the customer currently have an arrangement where Barnwell

will provide for centralizers, armored cabling and a pump installation and removal test to confirm that plumbness is satisfactory. The pump installation and removal test was successfully completed. Barnwell's management believes the plumbness deviation is not impactful to the time performance of the Rights are triggered submersible pumps that will be installed in the well. Accordingly, while costs for the centralizers, armored cabling and the pump installation and removal test have been accrued, no accrual has been recorded as of September 30, 2023 for any further costs related to this contract as there is no related probable or may redeem estimable contingent liability.

In fiscal 2020, the Rights prior Staff of the State of Hawaii's Commission on Water Resource Management ("Commission") circulated a draft of a proposed recommendation to the Distribution Date, as defined Commission under which the Company, the water utility, the water utility's independent hydrologist firm and the owner of the land on which two water wells were drilled would be assessed penalty fines because each of the wells were calculated to have been drilled beyond the depth permitted by the permit. The wells were drilled to a depth to penetrate certain layers of impermeable rock necessary to access the aquifer at the instructions and on the advice of the hydrologist hired by the owner of the well. Subsequently, the Staff of the Commission acknowledged that one well had not been drilled to a depth beyond its permitted depth and the fines on that well were eliminated. Additionally, the fines applicable to the depth of the second well were dropped in lieu of the parties entering into an agreement to perform a water quality study and repurpose a current well into a monitoring well. Accordingly, the Company recorded a liability of \$300,000 to accrue for the costs to drill the monitoring well in the Tax Plan. year ended September 30, 2020, and no subsequent revision to the accrual has been recorded as of September 30, 2023.

During the year ended September 30, 2023, one of our water well drilling jobs encountered an unusually hard geological formation, and the drilling has taken longer than previously anticipated which required an increase in estimated costs and resulted in the job becoming a loss job for which the Company recorded a \$180,000 liability as of September 30, 2023.

#### Other Matters

Barnwell is obligated to pay Nearco Enterprises Ltd. 10.4%, net of non-controlling interests' share, of Kaupulehu Developments' gross receipts from real estate transactions. The fees represent compensation for promotion and marketing of Kaupulehu Developments' property and were determined based on the estimated fair value of such services. These fees are included in general and administrative expenses.

Barnwell is obligated to pay its external real estate legal counsel 1.2%, net of non-controlling interests' share, of all Increment II payments received by Kaupulehu Developments for services provided

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by its external real estate legal counsel in the negotiation and closing of the Increment II transaction. These fees are included in general and administrative expenses.

Kaupulehu Developments is also obligated to pay an amount equal to 0.72% and 0.20% of the cumulative net profits of KD II to KD Development and a pool of various individuals, respectively, all of whom are partners of KKM and are unrelated to Barnwell, in compensation for the agreement of these parties to admit the new development partner for Increment II. Such compensation will be reflected as the obligation becomes probable and the amount of the obligation can be reasonably estimated.

#### **18. INFORMATION RELATING TO THE CONSOLIDATED STATEMENTS OF CASH FLOWS**

The following table details the effect of changes in current assets and liabilities on the Consolidated Statements of Cash Flows, and presents supplemental cash flow information:

	Year ended September 30,	
	2023	2022
<i>Increase (decrease) from changes in:</i>		
Receivables	\$ 1,103,000	\$ (1,763,000)
Income tax receivable	(16,000)	15,000
Other current assets	(51,000)	(531,000)
Accounts payable	(595,000)	110,000
Accrued compensation	(278,000)	(48,000)
Other current liabilities	(556,000)	1,190,000

Decrease from changes in current assets and liabilities	\$ (393,000)	\$ (1,027,000)
<i>Supplemental disclosure of cash flow information:</i>		
Cash paid (received) during the year for:		
Income taxes paid (refunded), net	\$ 100,000	\$ (98,000)

Capital expenditure accruals related to oil and natural gas acquisition and development decreased \$575,000 during the year ended September 30, 2023 and increased \$882,000 during the year ended September 30, 2022. Additionally, capital expenditure accruals related to oil and natural gas asset retirement obligations increased \$1,483,000 and \$2,703,000 during the years ended September 30, 2023 and 2022, respectively.

#### **19. RELATED PARTY TRANSACTIONS**

Kaupulehu Developments is entitled to receive payments from the sales of lots and/or residential units by KD I and KD II. KD I and KD II are part of the Kukio Resort Land Development Partnerships in which Barnwell holds indirect 19.6% and Sale 10.8% non-controlling ownership interests, respectively, accounted for under the equity method of Interest in Leasehold Land

In November 2022, Kaupulehu Developments received a investment. The percentage of sales payment payments are part of transactions which took place in 2004 and 2006 where Kaupulehu Developments sold its leasehold interests in Increment I and Increment II to KD I's and KD II's predecessors in interest, respectively, which was prior to Barnwell's affiliation with KD I and KD II which commenced on November 27, 2013, the acquisition date of our ownership interest in the Kukio Resort Land Development Partnerships. Changes to the arrangement above, effective March 7, 2019, are discussed in Note 3.

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During the year ended September 30, 2023, Barnwell received \$265,000 in percentage of sales payments from KD I from the sale of one lot within Increment I. Financial results During the year ended September 30, 2022, Barnwell received \$1,295,000 in percentage of sales payments from KD I from the receipt sale of this payment will be reflected in Barnwell's first quarter of fiscal 2023 ending December 31, 2022. six lots within Increment I.

Mr. Colin R. O'Farrell, formerly a member of the Board of Directors of the Company from July 7, 2021 to March 7, 2022, is the sole member of Four Pines Operating LLC which owns a 25% interest in Gros Ventre. In February 2021, Gros Ventre and BOK, a wholly-owned subsidiary of Barnwell, entered into the Teton Operating Agreement of Teton Barnwell, an entity formed for the purpose of directly investing in oil and natural gas exploration and development in Oklahoma. Under the terms of the Teton Operating Agreement, Gros Ventre makes no capital contributions and receives 2% of the profits of Teton Barnwell. Additionally, as the manager of Teton Barnwell, Gros Venture is paid an annual asset management fee equal to 1% of the cumulative capital contributions made to Teton Barnwell as compensation for its management services. Furthermore, as discussed above, Mr. O'Farrell controls Four Pines, which, as of September 30, 2023, was paid \$255,000 in November 2022, Barnwell received a net cash distribution broker fees in connection with the amount of \$478,000 from the Kukio Resort Land Development Partnerships. Financial results from this distribution will be reflected oil and natural gas investment discussed in Barnwell's first quarter of fiscal 2023 ending December 31, 2022. Note 6.

#### **Cooperation and Support Agreement**

In January 2023, the Company entered into a cooperation and support agreement (the "Cooperation Agreement") with Alexander C. Kinzler, the Company's CEO and President in his capacity as a stockholder, MRMP-Managers LLC, the Ned L. Sherwood Revocable Trust, NLS Advisory Group, Inc. and Ned L. Sherwood (collectively, the "MRMP Stockholders"), with respect to a potential proxy contest pertaining to the election of directors to our Board of Directors (the "Board"). The Cooperation Agreement extended for two years the standstill terms of the previous agreement entered into with the MRMP Stockholders in 2021, which ended the potential of a proxy contest at the 2023 annual meeting of stockholders (the "2023 Annual Meeting"), which was held on April 17, 2023.

Pursuant to the terms of the Cooperation Agreement, among other things, the Company agreed to promptly appoint Joshua S. Horowitz and Laurance Narbut, effective February 9, 2023, to serve on the Board. In addition, the Company agreed to nominate a five-person board comprised of Mr. Kinzler, Kenneth Grossman, Douglas Woodrum, and Messrs. Horowitz and Narbut as candidates for election to the Board at the 2023 Annual Meeting and the 2024 annual meeting of stockholders (the "2024 Annual Meeting") and Mr. Kinzler and the MRMP Stockholders agreed to vote their respective shares of common stock of the Company in favor of the election of the Company's slate at the 2023 Annual Meeting and the 2024 Annual Meeting. Additionally, pursuant to the terms of the Cooperation Agreement, the Company terminated the previously adopted Tax Benefits Preservation

Plan, although the MRMP Stockholders have agreed to limit their beneficial and economic ownership of the Company to 28% of the outstanding common stock of the Company for the next 12 months and 30% for the subsequent 12-month period. In exchange for this arrangement, the Company agreed to reimburse the MRMP Stockholders and Mr. Kinzler for their reasonable, documented out-of-pocket fees and expenses (including legal expenses) in connection with the negotiation and execution of the Cooperation Agreement and the transactions contemplated hereby and the proposed nomination of directors at the 2023 Annual Meeting. During the year ended September 30, 2023, \$202,000 and \$149,000 in expenses were recorded for reimbursements to MRMP Stockholders and Mr. Kinzler, respectively, under the Cooperation Agreement.

In May 2023, the Company's Board of Directors approved and ratified the payment of one-time special director fees to directors Messrs. Grossman and Woodrum for their services on behalf of the Company and the Board pertaining to the negotiations of the Cooperation Agreement and the settlement of

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Oil the potential proxy contest. Mr. Grossman received a one-time special director fee of \$100,000, which was paid in \$40,000 cash and a stock grant of 22,728 shares of Barnwell common stock (valued at \$60,000 using the closing price of Barnwell's common stock on May 11, 2023, the date of grant). Mr. Woodrum received a one-time special director fee of \$50,000, which was paid in \$20,000 cash and a stock grant of 11,363 shares of Barnwell common stock (valued at \$30,000 using the closing price of Barnwell's common stock on May 11, 2023, the date of grant).

## 20. SUBSEQUENT EVENTS

### Restricted Stock Units

In November 2023, the Board of Directors of the Company granted a total of 76,366 restricted stock units to the independent directors of the Board as partial payment of director fees for their service as members of the Board. The restricted stock units vest ratably over a three-year period, subject to the director's continued service through the applicable vesting date.

### Natural Gas Investment and Oil Contracts

In November 2023, the Company amended certain of its Canadian purchase and sales contracts to change the sales price on a portion of the natural gas it sells to a fixed price during the period from April 1, 2024 to October 31, 2024. With these changes, the Company anticipates that during that period approximately 25% of its Canadian natural gas production will be sold at fixed prices while the remaining 75% of such production will continue to be sold at spot prices.

In December 2022, the Company through amended certain of its Canadian purchase and sales contract to change the sales price on a new wholly-owned subsidiary named Barnwell Texas, LLC, entered into agreements with an independent third party whereby portion of the oil it sells to a fixed price during the period from January 1, 2024 to June 30, 2024. With these changes, the Company will now own a 22.3% non-operated working interest in anticipates that during that period approximately 40% of its Canadian oil and natural gas leasehold acreage and a 15.4% non-operated working interest in the planned drilling of two oil wells in the Permian Basin in Texas. The Company paid \$5,099,000 to the independent third party under these agreements. In addition, the Company is obligated to pay a broker's fee of 5% of the capital invested under this arrangement to Four Pines Exploration LLC - Exploration - Series 1 ("Four Pines"). Four Pines is controlled by Mr. Colin O'Farrell who is an affiliate of Teton Barnwell (see Note 19 for additional details). This transaction production will be reflected in Barnwell's first quarter sold at fixed prices while the remaining 60% of fiscal 2023 ending December 31, 2022, such production will continue to be sold at spot prices.

### Cash Dividend Sale of Water Resources

In December 2022, the Company's Board Company entered into an agreement with a construction company for the sale of Directors declared a cash dividend Water Resources for gross proceeds of \$0.015 per share payable on January 11, 2023 \$2,000,000, subject to stockholders customary post-closing price adjustments and the purchaser's completion of record on December 27, 2022, due diligence. The sale is expected to close in the first half of our fiscal 2024.

## 21. SUMMARY OF SELECTED QUARTERLY FINANCIAL DATA (UNAUDITED)

Disclosure is not required as Barnwell qualifies as a smaller reporting company.

## 22. SUPPLEMENTARY OIL AND NATURAL GAS INFORMATION (UNAUDITED)

The following tables summarize information relative to Barnwell's oil and natural gas operations, which are conducted in Canada and in the U.S. ~~state~~states of ~~Oklahoma~~Oklahoma and Texas. Proved reserves are the estimated quantities of oil, natural gas and natural gas liquids which geological and engineering data demonstrate with reasonable certainty to be recoverable in future years from known reservoirs under existing economic and operating conditions. Proved producing oil and natural gas reserves are reserves that can be expected to be recovered through existing wells with existing equipment and operating methods. The estimated net interests in total proved and proved producing reserves are based upon subjective engineering judgments and may be affected by the limitations inherent in such estimations. The process of estimating reserves is subject to continual revision as additional information becomes available as a result of drilling, testing, reservoir studies and production history. There can be no assurance that such estimates will not be materially revised in subsequent periods.

### (A) Oil and Natural Gas Reserves

The following tables summarizes changes in the estimates of Barnwell's net interests in total proved reserves of oil and natural gas liquids and natural gas, which are located in Canada and the U.S. ~~state of Oklahoma~~Proved oil, natural gas liquids and natural gas reserves located in the U.S. state~~states of Oklahoma~~were not significant in fiscal 2021 and was therefore not included in the tables below~~Texas~~. All of the information regarding Canadian reserves in this Form 10-K is derived from the report of our independent petroleum reserve engineers, InSite, and is included as an Exhibit to this Form 10-K. All of the information regarding U.S. reserves in this Form 10-K is derived from the ~~report~~reports of our independent petroleum reserve engineers, Ryder Scott, and ~~is~~are included as an ~~Exhibit~~Exhibits to this Form 10-K. The Company emphasizes that reserve estimates are inherently imprecise and that estimates of new discoveries and undeveloped locations are more imprecise than estimates of established proved producing oil and natural gas properties. Accordingly, these estimates are expected to change as future information becomes available.

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Proved oil and natural gas reserves are the estimated quantities of oil and natural gas that geological and engineering data demonstrate, with reasonable certainty, to be recoverable in future years from known reservoirs under economic and operating conditions (i.e., prices and costs) existing at the time the estimate is made. Proved developed oil and natural gas reserves are proved reserves that can be expected to be recovered through existing wells and equipment in place and under operating methods being utilized at the time the estimates were made.

	Oil & NGL (Bbls)		
	Canada	United States	Total
<b>Proved reserves:</b>			
Balance at September 30, 2020	535,000	—	535,000
Revisions of previous estimates	291,000	—	291,000
Acquisitions of reserves	80,000	—	80,000
Less sales of reserves	(97,000)	—	(97,000)
Less production	(169,000)	—	(169,000)
Balance at September 30, 2021	640,000	—	640,000
Revisions of previous estimates	154,000	—	154,000
Extensions, discoveries and other additions	285,000	132,000	417,000
Acquisitions of reserves	99,000	—	99,000
Less production	(188,000)	(42,000)	(230,000)

<b>Proved Reserves, September 30, 2022</b>	<b>990,000</b>	<b>90,000</b>	<b>1,080,000</b>
<b>Proved Developed Reserves, September 30, 2022</b>	<b>956,000</b>	<b>90,000</b>	<b>1,046,000</b>
<b>Proved Undeveloped Reserves, September 30, 2022</b>	<b>34,000</b>	<b>—</b>	<b>34,000</b>

	Natural Gas (Mcf)		
	Canada	United States	Total
<b>Proved reserves:</b>			
Balance at September 30, 2020	2,310,000	—	2,310,000
Revisions of previous estimates	1,345,000	—	1,345,000
Acquisitions of reserves	289,000	—	289,000
Less sales of reserves	(341,000)	—	(341,000)
Less production	(690,000)	—	(690,000)
Balance at September 30, 2021	2,913,000	—	2,913,000
Revisions of previous estimates	968,000	—	968,000
Extensions, discoveries and other additions	1,200,000	658,000	1,858,000
Acquisitions of reserves	223,000	—	223,000
Less sales of reserves	(13,000)	—	(13,000)
Less production	(772,000)	(192,000)	(964,000)
<b>Proved Reserves, September 30, 2022</b>	<b>4,519,000</b>	<b>466,000</b>	<b>4,985,000</b>
<b>Proved Developed Reserves, September 30, 2022</b>	<b>4,391,000</b>	<b>466,000</b>	<b>4,857,000</b>
<b>Proved Undeveloped Reserves, September 30, 2022</b>	<b>128,000</b>	<b>—</b>	<b>128,000</b>

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	Proved reserves:	Total Equivalent Reserves (Boe)			Oil & NGL (Bbls)		
		Canada	United States	Total	Canada	United States	Total
Proved reserves:	Proved reserves:				Proved reserves:		
Balance at September 30, 2020	Balance at September 30, 2020	933,000	—	933,000	Balance at September 30, 2021	640,000	—
Revisions of previous estimates	Revisions of previous estimates	523,000	—	523,000	Revisions of previous estimates	154,000	—
Acquisitions of reserves	Acquisitions of reserves	130,000	—	130,000			
Less sales of reserves	Less sales of reserves	(156,000)	—	(156,000)			
Less production	Less production	(288,000)	—	(288,000)			
Balance at September 30, 2021	Balance at September 30, 2021	1,142,000	—	1,142,000	Balance at September 30, 2021	640,000	—
Revisions of previous estimates	Revisions of previous estimates	321,000	—	321,000	Revisions of previous estimates	154,000	—

Extensions, discoveries and other additions	Extensions, discoveries and other additions	492,000	245,000	737,000	Extensions, discoveries and other additions	285,000	132,000	417,000
Acquisitions of reserves	Acquisitions of reserves	137,000	—	137,000	Acquisitions of reserves	99,000	—	99,000
Less sales of reserves		(2,000)	—	(2,000)				
Less production	Less production	(321,000)	(75,000)	(396,000)	Less production	(188,000)	(42,000)	(230,000)
<b>Proved Reserves, September 30, 2022</b>		<b>1,769,000</b>	<b>170,000</b>	<b>1,939,000</b>				
<b>Proved Developed Reserves, September 30, 2022</b>		<b>1,713,000</b>	<b>170,000</b>	<b>1,883,000</b>				
<b>Proved Undeveloped Reserves, September 30, 2022</b>		<b>56,000</b>	<b>—</b>	<b>56,000</b>				
Balance at September 30, 2022					Balance at September 30, 2022			
Revisions of previous estimates					Revisions of previous estimates			
Extensions, discoveries and other additions					Extensions, discoveries and other additions			
Less production					Less production			
<b>Proved Reserves, September 30, 2023</b>		<b>937,000</b>	<b>289,000</b>	<b>1,226,000</b>				
<b>Proved Developed Reserves, September 30, 2023</b>		<b>827,000</b>	<b>289,000</b>	<b>1,116,000</b>				
<b>Proved Undeveloped Reserves, September 30, 2023</b>		<b>110,000</b>	<b>—</b>	<b>110,000</b>				
<b>Natural Gas (McF)</b>								
<b>Canada</b>								
<b>United States</b>								
<b>Total</b>								
Proved reserves:								
Balance at September 30, 2021					2,913,000		—	2,913,000
Revisions of previous estimates					968,000		—	968,000
Extensions, discoveries and other additions					1,200,000		658,000	1,858,000
Acquisitions of reserves					223,000		—	223,000
Less sales of reserves					(13,000)		—	(13,000)
Less production					(772,000)		(192,000)	(964,000)

Balance at September 30, 2022	4,519,000	466,000	4,985,000
Revisions of previous estimates	435,000	387,000	822,000
Extensions, discoveries and other additions	1,079,000	1,078,000	2,157,000
Less production	(1,023,000)	(240,000)	(1,263,000)
<b>Proved Reserves, September 30, 2023</b>	<b>5,010,000</b>	<b>1,691,000</b>	<b>6,701,000</b>
<b>Proved Developed Reserves, September 30, 2023</b>	<b>4,402,000</b>	<b>1,691,000</b>	<b>6,093,000</b>
<b>Proved Undeveloped Reserves, September 30, 2023</b>	<b>608,000</b>	<b>—</b>	<b>608,000</b>

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	Total Equivalent Reserves (Boe)		
	Canada	United States	Total
<b>Proved reserves:</b>			
Balance at September 30, 2021	1,142,000	—	1,142,000
Revisions of previous estimates	321,000	—	321,000
Extensions, discoveries and other additions	492,000	245,000	737,000
Acquisitions of reserves	137,000	—	137,000
Less sales of reserves	(2,000)	—	(2,000)
Less production	(321,000)	(75,000)	(396,000)
Balance at September 30, 2022	1,769,000	170,000	1,939,000
Revisions of previous estimates	5,000	110,000	115,000
Extensions, discoveries and other additions	379,000	377,000	756,000
Less production	(381,000)	(86,000)	(467,000)
<b>Proved Reserves, September 30, 2023</b>	<b>1,772,000</b>	<b>571,000</b>	<b>2,343,000</b>
<b>Proved Developed Reserves, September 30, 2023</b>	<b>1,561,000</b>	<b>571,000</b>	<b>2,132,000</b>
<b>Proved Undeveloped Reserves, September 30, 2023</b>	<b>211,000</b>	<b>—</b>	<b>211,000</b>

(B) *Capitalized Costs Relating to Oil and Natural Gas Producing Activities*

All capitalized costs relating to oil and natural gas producing activities in Canada and the U.S. are summarized as follows:

		September 30, 2022			September 30, 2023			
		Canada	United States	Total	Canada	United States	Total	
Proved properties	Proved properties	\$ 66,825,000	\$ 1,058,000	\$ 67,883,000	Proved properties	\$ 74,440,000	\$ 6,411,000	\$ 80,851,000
Unproved properties	Unproved properties	—	—	—	Unproved properties	—	—	—
Total capitalized costs	Total capitalized costs	66,825,000	1,058,000	67,883,000	Total capitalized costs	74,440,000	6,411,000	80,851,000
Accumulated depletion, depreciation, and impairment	Accumulated depletion, depreciation, and impairment	54,248,000	403,000	54,651,000	Accumulated depletion, depreciation, and impairment	58,477,000	1,072,000	59,549,000

Net capitalized costs	Net capitalized costs	\$ 12,577,000	\$ 655,000	\$ 13,232,000	Net capitalized costs	\$ 15,963,000	\$ 5,339,000	\$ 21,302,000
		September 30, 2021					September 30, 2022	
		Canada	United States	Total		Canada	United States	Total
Proved properties	Proved properties	\$ 58,273,000	\$ 217,000	\$ 58,490,000	Proved properties	\$ 66,825,000	\$ 1,058,000	\$ 67,883,000
Unproved properties	Unproved properties	—	962,000	962,000	Unproved properties	—	—	—
Total capitalized costs	Total capitalized costs	58,273,000	1,179,000	59,452,000	Total capitalized costs	66,825,000	1,058,000	67,883,000
Accumulated depletion, depreciation, and impairment	Accumulated depletion, depreciation, and impairment	56,053,000	14,000	56,067,000	Accumulated depletion, depreciation, and impairment	54,248,000	403,000	54,651,000
Net capitalized costs	Net capitalized costs	\$ 2,220,000	\$ 1,165,000	\$ 3,385,000	Net capitalized costs	\$ 12,577,000	\$ 655,000	\$ 13,232,000

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(C) Costs Incurred in Oil and Natural Gas Property Acquisition, Exploration and Development

		Year ended September 30, 2022			Year ended September 30, 2023		
		Canada	United States	Total	Canada	United States	Total
Acquisition of properties:	Acquisition of properties:				Acquisition of properties:		
Proved	Proved	\$ 3,247,000	\$ —	\$ 3,247,000	Proved	\$ 66,000	\$ —
Unproved	Unproved	—	—	—	Unproved	—	—
Exploration costs	Exploration costs	55,000	—	55,000	Exploration costs	461,000	255,000
Development costs	Development costs	10,574,000	(121,000)	10,453,000	Development costs	6,331,000	5,099,000
Total	Total	\$ 13,876,000	\$ (121,000)	\$ 13,755,000	Total	\$ 6,858,000	\$ 5,354,000
							\$ 12,212,000

		September 30, 2021			Year ended September 30, 2022		
		Canada	United States	Total	Canada	United States	Total
Acquisition of properties:	Acquisition of properties:				Acquisition of properties:		
Proved	Proved	\$ 1,032,000	\$ 70,000	\$ 1,102,000	Proved	\$ 3,247,000	\$ —
Unproved	Unproved	—	—	—	Unproved	—	—
Exploration costs	Exploration costs	255,000	—	255,000	Exploration costs	55,000	—
Development costs	Development costs	563,000	1,108,000	1,671,000	Development costs	10,574,000	(121,000)
							10,453,000

Total	Total	\$ 1,850,000	\$ 1,178,000	\$ 3,028,000	Total	\$ 13,876,000	\$ (121,000)	\$ 13,755,000
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Costs incurred in the tables above include additions and revisions to Barnwell's asset retirement obligation of \$2,703,000 \$1,483,000 and \$811,000 \$2,703,000 for the years ended September 30, 2022 September 30, 2023 and 2021, 2022, respectively.

(D) Results of Operations for Oil and Natural Gas Producing Activities

	Year ended September 30, 2022		
	Canada	United States	Total
Net revenues	\$ 19,085,000	\$ 3,496,000	\$ 22,581,000
Production costs	(8,999,000)	(440,000)	(9,439,000)
Depletion	(2,217,000)	(389,000)	(2,606,000)
Pre-tax results of operations <sup>(1)</sup>	7,869,000	2,667,000	10,536,000
Estimated income tax expense <sup>(2)</sup>	—	107,000	107,000
Results of operations <sup>(1)</sup>	\$ 7,869,000	\$ 2,560,000	\$ 10,429,000

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	Year ended September 30, 2023		
	Canada	United States	Total
Net revenues	\$ 16,630,000	\$ 2,746,000	\$ 19,376,000
Production costs	(9,859,000)	(575,000)	(10,434,000)
Depletion	(3,600,000)	(669,000)	(4,269,000)
Pre-tax results of operations <sup>(1)</sup>	3,171,000	1,502,000	4,673,000
Estimated income tax expense <sup>(2)</sup>	107,000	44,000	151,000
Results of operations <sup>(1)</sup>	\$ 3,064,000	\$ 1,458,000	\$ 4,522,000

	Year ended September 30, 2021			Year ended September 30, 2022		
	Canada	United States	Total	Canada	United States	Total
Net revenues	\$ 10,136,000	\$ 118,000	\$ 10,254,000	Net revenues	\$ 19,085,000	\$ 3,496,000
Production costs	(6,532,000)	(24,000)	(6,556,000)	Production costs	(8,999,000)	(440,000)
Depletion	(631,000)	(14,000)	(645,000)	Depletion	(2,217,000)	(389,000)
Reduction of carrying value of oil and natural gas properties	(630,000)	—	(630,000)			
Pre-tax results of operations <sup>(1)</sup>	2,343,000	80,000	2,423,000	Pre-tax results of operations <sup>(1)</sup>	7,869,000	2,667,000
Estimated income tax expense <sup>(2)</sup>	—	—	—	Estimated income tax expense <sup>(2)</sup>	—	107,000
Results of operations <sup>(1)</sup>	\$ 2,343,000	\$ 80,000	\$ 2,423,000	Results of operations <sup>(1)</sup>	\$ 7,869,000	\$ 2,560,000
						\$ 10,429,000

(1) Before gain on sale of oil and natural gas properties, general and administrative expenses, interest expense, and foreign exchange gains and losses.

(2) Estimated income tax expense includes changes to the deferred income tax valuation allowance necessary for the portion of Canadian and U.S. federal tax law deferred tax assets that may not be realizable.

(E) *Standardized Measure, Including Year-to-Year Changes Therein, of Estimated Discounted Future Net Cash Flows*

The following tables utilize reserve and production data estimated by independent petroleum reserve engineers. The information may be useful for certain comparison purposes but should not be solely relied upon in evaluating Barnwell or its performance. Moreover, the projections should not be construed as realistic estimates of future cash flows, nor should the standardized measure be viewed as representing current value. Additionally, proved oil, natural gas liquids and natural gas reserves located in the U.S. were not significant in fiscal 2021 and was therefore not included in the tables below.

The estimated future cash flows at **September 30, 2022** **September 30, 2023** and **2021** **2022** were based on average sales prices in effect on the first day of the month for the preceding twelve month period in accordance with SEC Release No. 33-8995. The future production and development costs represent the estimated future expenditures that we will incur to develop and produce the proved reserves, assuming continuation of existing economic conditions. The future income tax expenses were computed by applying statutory income tax rates in existence at **September 30, 2022** **September 30, 2023** and **2021** **2022** to the future pre-tax net cash flows relating to proved reserves, net of the tax basis of the properties involved.

Material revisions to reserve estimates may occur in the future, development and production of the oil and natural gas reserves may not occur in the periods assumed and actual prices realized and actual costs incurred are expected to vary significantly from those used. Management does not rely upon this information in making investment and operating decisions; rather, those decisions are based upon a wide range of factors, including estimates of probable reserves as well as proved reserves and price and cost assumptions different than those reflected herein.

Barnwell has included all abandonment, decommissioning and reclamation costs and inactive well costs in accordance with best practice recommendations into the Company's reserve reports.

Standardized Measure of Discounted Future Net Cash Flows

		Year ended September 30, 2022			Year ended September 30, 2023		
		United		Total	Canada		Total
		Canada	United States		Canada	United States	
Future cash inflows	Future cash inflows	\$ 93,658,000	\$ 6,676,000	\$ 100,334,000	Future cash inflows	\$ 73,429,000	\$ 15,995,000
Future production costs	Future production costs	(44,523,000)	(832,000)	(45,355,000)	Future production costs	(41,935,000)	(4,168,000)
Future development costs	Future development costs	(274,000)	—	(274,000)	Future development costs	(2,958,000)	—
Future income tax expenses	Future income tax expenses	(6,908,000)	(233,000)	(7,141,000)	Future income tax expenses	(1,512,000)	(264,000)
Future net cash flows excluding abandonment, decommissioning and reclamation	Future net cash flows excluding abandonment, decommissioning and reclamation	41,953,000	5,611,000	47,564,000	Future net cash flows excluding abandonment, decommissioning and reclamation	27,024,000	11,563,000
							38,587,000

Future abandonment, decommissioning and reclamation	Future abandonment, decommissioning and reclamation	<b>(16,719,000)</b>	<b>(11,000)</b>	<b>(16,730,000)</b>	Future abandonment, decommissioning and reclamation	<b>(18,585,000)</b>	<b>(42,000)</b>	<b>(18,627,000)</b>
Future net cash flows	Future net cash flows	<b>25,234,000</b>	<b>5,600,000</b>	<b>30,834,000</b>	Future net cash flows	<b>8,439,000</b>	<b>11,521,000</b>	<b>19,960,000</b>
10% annual discount for timing of cash flows	10% annual discount for timing of cash flows	<b>(1,144,000)</b>	<b>(1,812,000)</b>	<b>(2,956,000)</b>	10% annual discount for timing of cash flows	<b>4,790,000</b>	<b>(4,837,000)</b>	<b>(47,000)</b>
Standardized measure of discounted future net cash flows	Standardized measure of discounted future net cash flows	<b>\$ 24,090,000</b>	<b>\$ 3,788,000</b>	<b>\$ 27,878,000</b>	Standardized measure of discounted future net cash flows	<b>\$ 13,229,000</b>	<b>\$ 6,684,000</b>	<b>\$ 19,913,000</b>

	Year ended September 30, 2021		
	Canada	United States	Total
Future cash inflows	\$ 36,130,000	\$ —	\$ 36,130,000
Future production costs	(25,323,000)	—	(25,323,000)
Future development costs	(240,000)	—	(240,000)
Future income tax expenses	(995,000)	Year ended September 30, 2022	(995,000)
Future net cash flows excluding abandonment, decommissioning and reclamation inflows	\$ 99,532,000	\$ 6,676,000	\$ 109,532,000
Future production costs decommissioning and reclamation	(44,525,000)	(832,000)	(45,357,000)
Future development costs	(4,954,000)	—	(4,954,000)
Future income tax expenses of cash flows	(6,998,000)	(233,000)	(7,231,000)
Standardized measure of discounted future net cash flows	\$ 2,645,000	\$ —	\$ 2,645,000
Future net cash flows	41,953,000	5,611,000	47,564,000
Future abandonment, decommissioning and reclamation	(16,719,000)	(11,000)	(16,730,000)
Future net cash flows	25,234,000	5,600,000	30,834,000
10% annual discount for timing of cash flows	(1,144,000)	(1,812,000)	(2,956,000)
Standardized measure of discounted future net cash flows	<b>\$ 24,090,000</b>	<b>\$ 3,788,000</b>	<b>\$ 27,878,000</b>

#### Changes in the Standardized Measure of Discounted Future Net Cash Flows

	Year ended September 30,		Year ended September 30,	
	2022	2021	2023	2022
Beginning of year	Beginning of year	\$ 2,645,000	\$ (1,685,000)	Beginning of year
Sales of oil and natural gas produced, net of production costs	Sales of oil and natural gas produced, net of production costs	(13,142,000)	(3,604,000)	Sales of oil and natural gas produced, net of production costs
Net changes in prices and production costs, net of royalties and wellhead taxes	Net changes in prices and production costs, net of royalties and wellhead taxes	27,828,000	5,702,000	Net changes in prices and production costs, net of royalties and wellhead taxes
				(11,913,000)
				27,828,000

Extensions and discoveries	Extensions and discoveries	8,889,000	—	Extensions and discoveries	10,767,000	8,889,000
Net change due to purchases and sales of minerals in place	Net change due to purchases and sales of minerals in place	2,451,000	(882,000)	Net change due to purchases and sales of minerals in place	—	2,451,000
Changes in future development costs				Changes in future development costs	(2,959,000)	—
Revisions of previous quantity estimates	Revisions of previous quantity estimates	4,270,000	4,217,000	Revisions of previous quantity estimates	2,227,000	4,270,000
Net change in income taxes	Net change in income taxes	(4,774,000)	(845,000)	Net change in income taxes	2,868,000	(4,774,000)
Accretion of discount	Accretion of discount	(1,566,000)	(176,000)	Accretion of discount	905,000	(1,566,000)
Other - changes in the timing of future production and other	Other - changes in the timing of future production and other	801,000	(55,000)	Other - changes in the timing of future production and other	(1,202,000)	801,000
Other - net change in Canadian dollar translation rate	Other - net change in Canadian dollar translation rate	476,000	(27,000)	Other - net change in Canadian dollar translation rate	284,000	476,000
Net change	Net change	25,233,000	4,330,000	Net change	(7,965,000)	25,233,000
End of year	End of year	\$ 27,878,000	\$ 2,645,000	End of year	\$ 19,913,000	\$ 27,878,000
			113 110			

#### ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None.

#### ITEM 9A. CONTROLS AND PROCEDURES

##### Disclosure Controls and Procedures

We have established disclosure controls and procedures to ensure that material information relating to Barnwell, including its consolidated subsidiaries, is made known to the officers who certify Barnwell's financial reports and to other members of executive management and the Board of Directors.

As of **September 30, 2022** **September 30, 2023**, an evaluation was carried out by Barnwell's Chief Executive Officer and Chief Financial Officer of the effectiveness of Barnwell's disclosure controls and procedures. Based on that evaluation, the Chief Executive Officer and Chief Financial Officer have concluded that Barnwell's disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934 (the "Exchange Act")) were effective as of **September 30, 2022** **September 30, 2023** to ensure that information required to be disclosed by Barnwell in reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Exchange Act and the rules thereunder.

#### **Management's Annual Report on Internal Control Over Financial Reporting**

Barnwell's management is responsible for establishing and maintaining adequate internal control over financial reporting for Barnwell, as such term is defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act. Under the supervision and with the participation of Barnwell's management, including our Chief Executive Officer and Chief Financial Officer, Barnwell conducted an evaluation of the effectiveness of its internal control over financial reporting using criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) in the report entitled *Internal Control — Integrated Framework (2013)* (the "COSO Framework"). Based on this evaluation under the COSO Framework, management concluded that its internal control over financial reporting was effective as of **September 30, 2022** **September 30, 2023**.

This Annual Report on Form 10-K does not include an attestation report of our independent registered public accounting firm regarding internal control over financial reporting. Pursuant to Item 308(b) of Regulation S-K, management's report is not subject to attestation by our independent registered public accounting firm because the Company is neither an "accelerated filer" nor a "large accelerated filer" as those terms are defined by the SEC.

#### **Changes in Internal Control Over Financial Reporting**

There was no change in Barnwell's internal control over financial reporting during the quarter ended **September 30, 2022** **September 30, 2023** that materially affected, or is reasonably likely to materially affect, Barnwell's internal control over financial reporting.

#### **ITEM 9B. OTHER INFORMATION**

None.

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#### **ITEM 9C. DISCLOSURES REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONS**

Not applicable.

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### **PART III**

#### **ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE**

The information required is omitted pursuant to General Instruction G(3) of Form 10-K, since the Registrant will file its definitive proxy statement for the Annual Meeting of Stockholders no later than 120 days after the close of its fiscal year ended **September 30, 2022** **September 30, 2023**, which proxy statement is incorporated herein by reference.

Barnwell adopted a Code of Ethics that applies to its Chief Executive Officer and the Chief Financial Officer. This Code of Ethics has been posted on Barnwell's website at [www.bnriinc.com](http://www.bnriinc.com).

#### **ITEM 11. EXECUTIVE COMPENSATION**

The information required is omitted pursuant to General Instruction G(3) of Form 10-K, since the Registrant will file its definitive proxy statement for the Annual Meeting of Stockholders no later than 120 days after the close of its fiscal year ended **September 30, 2022** **September 30, 2023**, which proxy statement is incorporated herein by reference.

#### ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The information required is omitted pursuant to General Instruction G(3) of Form 10-K, since the Registrant will file its definitive proxy statement for the Annual Meeting of Stockholders no later than 120 days after the close of its fiscal year ended **September 30, 2022** **September 30, 2023**, which proxy statement is incorporated herein by reference.

##### *Equity Compensation Plan Information*

The following table provides information about Barnwell's common stock that may be issued upon exercise of options and rights under Barnwell's existing equity compensation plan as of **September 30, 2022** **September 30, 2023**:

Plan Category	Plan Category	(a) Number of securities to be issued upon exercise of outstanding options, warrants and rights	(b) Weighted- average price of outstanding options, warrants and rights	(c) Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a))	Plan Category	(a) Number of securities to be issued upon exercise of outstanding options, warrants and rights	(b) Weighted- average price of outstanding options, warrants and rights	(c) Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a))
Equity compensation plans approved by security holders	Equity compensation plans approved by security holders	615,000	\$3.36	935,000	Equity compensation plans approved by security holders	465,000	\$3.37	1,095,000
Equity compensation plans not approved by security holders	Equity compensation plans not approved by security holders	—	—	—	Equity compensation plans not approved by security holders	—	—	—
Total	Total	<u>615,000</u>	<u>\$3.36</u>	<u>935,000</u>	Total	<u>465,000</u>	<u>\$3.37</u>	<u>1,095,000</u>

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#### ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The information required is omitted pursuant to General Instruction G(3) of Form 10-K, since the Registrant will file its definitive proxy statement for the Annual Meeting of Stockholders no later than 120 days after the close of its fiscal year ended **September 30, 2022** **September 30, 2023**, which proxy statement is incorporated herein by reference.

#### ITEM 14. PRINCIPAL ACCOUNTING FEES AND SERVICES

The information required is omitted pursuant to General Instruction G(3) of Form 10-K, since the Registrant will file its definitive proxy statement for the Annual Meeting of Stockholders no later than 120 days after the close of its fiscal year ended **September 30, 2022** **September 30, 2023**, which proxy statement is incorporated herein by reference.

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## PART IV

### ITEM 15. EXHIBITS, FINANCIAL STATEMENT SCHEDULES

#### (a) Financial Statements

The following consolidated financial statements of Barnwell Industries, Inc. and its subsidiaries are included in Part II, Item 8:

Report of Independent Registered Public Accounting Firm - WEAVER AND TIDWELL, L.L.P. (PCAOB ID: 410)

Consolidated Balance Sheets – **September 30, 2022** **September 30, 2023** and **2021** **2022**

Consolidated Statements of Operations – for the years ended **September 30, 2022** **September 30, 2023** and **2021** **2022**

Consolidated Statements of Comprehensive (**Loss**) Income – for the years ended **September 30, 2022** **September 30, 2023** and **2021** **2022**

Consolidated Statements of Equity – for the years ended **September 30, 2022** **September 30, 2023** and **2021** **2022**

Consolidated Statements of Cash Flows – for the years ended **September 30, 2022** **September 30, 2023** and **2021** **2022**

Notes to Consolidated Financial Statements

Schedules have been omitted because they were not applicable, not required, or the information is included in the consolidated financial statements or notes thereto.

#### (b) Exhibits

Exhibit Number	Description
3.1	Certificate of Incorporation, as amended <sup>(1)</sup>
3.2	Amended and Restated By-Laws <sup>(2)</sup>
4.1	Form of the Registrant's certificate of common stock, par value \$.50 per share <sup>(3)</sup>
4.2	Tax Benefits Preservation Plan, dated as of October 17, 2022, by and between Barnwell Industries, Inc. and Broadridge Corporate Issuer Solutions, Inc., as Rights Agent <sup>(13)</sup>
4.3	Description of Securities Registered Pursuant to Section 12 of The Securities Exchange Act of 1934
10.1	The Barnwell Industries, Inc. Employees' Pension Plan (restated as of October 1, 1989) <sup>(4)</sup>
10.2	Form of Purchase and Sale Agreement dated February 13, 2004 by and between Kaupulehu Developments and WB KD Acquisition, LLC <sup>(5)</sup>
10.3	Agreement dated May 27, 2009 which became effective June 23, 2009 by and between Kaupulehu Developments and WB KD Acquisition, LLC and WB KD Acquisition II, LLC <sup>(6)</sup>
10.4	Limited Liability Limited Partnership Agreement of KD Kona 2013 LLLP dated November 27, 2013 <sup>(7)</sup>
10.5	Limited Liability Limited Partnership Agreement of KKM Makai, LLLP dated November 27, 2013 <sup>(8)</sup>
10.6	Agreement with KD Kaupulehu, LLLP to Release Retained Rights, dated as of March 7, 2019, between Kaupulehu Developments and KD Kaupulehu, LLLP <sup>(9)</sup>

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10.7	Agreement with Respect to Retained Rights, dated as of March 7, 2019 between Kaupulehu Developments and KD Acquisition II, LP (10)
10.8	Form of Option Agreement (11)
10.9	Asset Purchase and Sale Agreement, dated July 8, 2021, between Barnwell of Canada, Limited and Tourmaline Oil Corp. (12)
10.10	Cooperation and Support Agreement, dated January 27, 2021 (14)
10.11	Amended and Restated 2018 Equity Incentive Plan (15)
10.12	Sales Agent Agreement, dated March 16, 2021 (16)
21.10.13	Purchase and Sale Agreement, dated as of December 12, 2022, between Barnwell Texas, LLC and Alchemist Energy LeaseCo, LP (17)
10.14	List Form of Subsidiaries Stock Grant Award Agreement under Barnwell Industries, Inc. 2018 Equity Incentive Plan, as amended (18)
10.15	Form of Director Restricted Stock Unit Award (19)
10.16	Stock Purchase Agreement, dated as of December 12, 2023, between Barnwell of Canada, Limited, Barnwell Industries, Inc. and West Maui Constructions, Inc. (20)
21	List of Subsidiaries
23.1	Consent of InSite Petroleum Consultants Ltd.
23.2	Consent of Ryder Scott Company, L.P.
23.3	Consent of Weaver and Tidwell, L.L.P.
31.1	Certification of Chief Executive Officer Pursuant To Section 302 of the Sarbanes-Oxley Act of 2002
31.2	Certification of Chief Financial Officer Pursuant To Section 302 of the Sarbanes-Oxley Act of 2002
32	Certification Pursuant To Section 906 of the Sarbanes-Oxley Act of 2002
97	Barnwell Industries, Inc. Clawback Policy
99.1	Reserve Report Summary prepared by InSite Petroleum Consultants Ltd.
99.2	Reserve Report Summary prepared by Ryder Scott Company, L.P.
99.3	Reserve Report Summary prepared by Ryder Scott Company, L.P.
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

(1) Incorporated by reference to Exhibit 3.1 to Registrant's Form 10-Q for the quarterly period ended June 30, 2022.

(2) Incorporated by reference to Exhibit 3.1 to Registrant's Form 8-K filed on January 14, 2020.

(3) Incorporated by reference to the registration statement on Form S-1 originally filed by the Registrant January 29, 1957 and as amended February 15, 1957 and February 19, 1957.

(4) Incorporated by reference to Registrant's Form 10-K for the year ended September 30, 1989.

(5) Incorporated by reference to Exhibit 2.1 to Registrant's Form 8-K filed on February 13, 2004.

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(6) Incorporated by reference to Exhibit 10.1 to Registrant's Form 10-Q for the quarterly period ended June 30, 2009.

(7) Incorporated by reference to Exhibit 10.7 to Registrant's Form 10-Q for the quarterly period ended December 31, 2013.

(8) Incorporated by reference to Exhibit 10.8 to Registrant's Form 10-Q for the quarterly period ended December 31, 2013.

(9) Incorporated by reference to Exhibit 10.1 to Registrant's Form 10-Q for the quarterly period ended March 31, 2019.

(10) Incorporated by reference to Exhibit 10.2 to Registrant's Form 10-Q for the quarterly period ended March 31, 2019. Certain confidential information has been omitted from a portion of this exhibit.

(11) Incorporated by reference to Exhibit 10.1 to Registrant's Form 10-Q for the quarterly period ended March 31, 2021.

(12) Incorporated by reference to Exhibit 10.9 to Registrant's Form 10-K for the year ended September 30, 2021.

(13) Incorporated by reference to Exhibit 4.1 to Registrant's Form 8-K filed on October 17, 2022.

(14) Incorporated by reference to Exhibit 10.1 to Registrant's Form 8-K filed on February 1, 2021.

(15) Incorporated by reference from Definitive Proxy 2022 Appendix A filed by the Registrant on March 24, 2022.

(16) Incorporated by reference to Exhibit 1.1 to Registrant's Form 8-K filed on March 16, 2021.

(17) Incorporated by reference to Exhibit 10.1 to Registrant's Form 10-Q filed on February 13, 2023.

(18) Incorporated by reference to Exhibit 10.1 to Registrant's Form 10-Q filed on May 15, 2023.

(19) Incorporated by reference to Exhibit 10.1 to Registrant's Form 8-K filed on June 15, 2023.

(20) Certain confidential information has been omitted from a portion of this exhibit.

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#### SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BARNWELL INDUSTRIES, INC.

(Registrant)

/s/ Russell M. Gifford

By: Russell M. Gifford

Executive Vice President,  
Chief Financial Officer,  
Treasurer and Secretary

Date: December 29, 2022 18, 2023

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Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

/s/ Alexander C. Kinzler

Alexander C. Kinzler  
President, Chief Executive Officer,  
Chief Operating Officer,  
General Counsel and Director

Date: December 29, 2022 December 18, 2023

/s/ Russell M. Gifford

Russell M. Gifford  
Executive Vice President,  
Chief Financial Officer,  
Treasurer and Secretary

Date: December 29, 2022 December 18, 2023

/s/ Peter J. O'Malley Kenneth S. Grossman

Peter J. O'Malley, Kenneth S. Grossman, Chairman of the Board  
Date: December 29, 2022 December 18, 2023

/s/ Joshua S. Horowitz

Joshua S. Horowitz, Director  
Date: December 18, 2023

/s/ Laurance E. Narbut

Laurance E. Narbut, Director  
Date: December 18, 2023

/s/ Douglas N. Woodrum

Douglas N. Woodrum, Director  
Date: December 18, 2023

/s/ Francis J. Kelly

Francis J. Kelly, Director  
Date: December 29, 2022

/s/ Philip J. McPherson

Philip J. McPherson, Director  
Date: December 29, 2022

Bradley M. Tirpak, Director

Doug N. Woodrum, Director

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#### INDEX TO EXHIBITS

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23.3	<a href="#">Consent of Weaver and Tidwell, L.L.P.</a>

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32	<a href="#">Certification Pursuant To Section 906 of the Sarbanes-Oxley Act of 2002</a>
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99.2	<a href="#">Reserve Report Summary prepared by Ryder Scott Company, L.P.</a>
99.3	<a href="#">Reserve Report Summary prepared by Ryder Scott Company, L.P.</a>
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104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

- (1) Incorporated by reference to Exhibit 3.1 to Registrant's Form 10-Q for quarterly period ended June 30, 2022.
- (2) Incorporated by reference to Exhibit 3.1 to Registrant's Form 8-K filed on January 14, 2020.
- (3) Incorporated by reference to the registration statement on Form S-1 originally filed by the Registrant January 29, 1957 and as amended February 15, 1957 and February 19, 1957.
- (4) Incorporated by reference to Registrant's Form 10-K for the year ended September 30, 1989.
- (5) Incorporated by reference to Exhibit 2.1 to Registrant's Form 8-K filed on February 13, 2004.
- (6) Incorporated by reference to Exhibit 10.1 to Registrant's Form 10-Q for the quarterly period ended June 30, 2009.
- (7) Incorporated by reference to Exhibit 10.7 to Registrant's Form 10-Q for the quarterly period ended December 31, 2013.
- (8) Incorporated by reference to Exhibit 10.8 to Registrant's Form 10-Q for the quarterly period ended December 31, 2013
- (9) Incorporated by reference to Exhibit 10.1 to Registrant's Form 10-Q for the quarterly period ended March 31, 2019.
- (10) Incorporated by reference to Exhibit 10.2 to Registrant's Form 10-Q for the quarterly period ended March 31, 2019. Certain confidential information has been omitted from a portion of this exhibit.
- (11) Incorporated by reference to Exhibit 10.1 to Registrant's Form 10-Q for the quarterly period ended March 31, 2021.
- (12) Incorporated by reference to Exhibit 10.9 to Registrant's Form 10-K for the year ended September 30, 2021.
- (13) Incorporated by reference to Exhibit 4.1 to Registrant's Form 8-K filed on October 17, 2022.
- (14) Incorporated by reference to Exhibit 10.1 to Registrant's Form 8-K filed on February 1, 2021.
- (15) Incorporated by reference from Definitive Proxy 2022 Appendix A filed by the Registrant on March 24, 2022.
- (16) Incorporated by reference to Exhibit 1.1 to Registrant's Form 8-K filed on March 16, 2021.

(17) Incorporated by reference to Exhibit 10.1 to Registrant's Form 10-Q filed on February 13, 2023.

(18) Incorporated by reference to Exhibit 10.1 to Registrant's Form 10-Q filed on May 15, 2023.

(19) Incorporated by reference to Exhibit 10.1 to Registrant's Form 8-K filed on June 15, 2023.

(20) Certain confidential information has been omitted from a portion of this exhibit.

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**DESCRIPTION OF SECURITIES**  
**REGISTERED PURSUANT TO SECTION 12 OF THE**  
**SECURITIES EXCHANGE ACT OF 1934**

The following summary of Barnwell Industries, Inc.'s common stock is based on and qualified by our certificate of incorporation and amended and restated bylaws. For a complete description of the terms and provisions of the our equity securities, including our common stock, refer to our certificate of incorporation and amended and restated bylaws, both of which are incorporated by reference as exhibits to this Annual Report on Form 10-K.

Our authorized capital stock consists of 40,000,000 shares of common stock, par value \$0.50 per share.

**Common Stock**

Holders of shares of our common stock are entitled to one vote for each share on all matters voted upon by our stockholders, including the election of directors, and do not have cumulative voting rights. Unless otherwise required by law, our certificate of incorporation or amended and restated bylaws, any matter brought before any meeting of stockholders, other than the election of directors, is decided by the affirmative vote of a majority of the total voting power of common stock present in person or represented by proxy and entitled to vote thereon, a quorum being present. Each of our directors is elected by the vote of a plurality of the votes cast at any meeting of stockholders held for the election of directors at which a quorum is present. Holders of shares of our common stock are entitled to participate equally and ratably in (i) any dividends that may be declared by our board of directors and (ii) our net assets upon our dissolution or liquidation. Holders of shares of our common stock do not have preemptive rights to purchase shares of our common stock. The shares of our common stock are not subject to any redemption provisions and are not convertible into any other shares of our capital stock.

**Provisions of Our Certificate of Incorporation, Bylaws and Delaware Law**

Under the Delaware General Corporation Law, or DGCL, the power to adopt, amend or repeal any provision of our bylaws is conferred upon the stockholders. A corporation may, however, in its certificate of incorporation also confer upon the board of directors the power to adopt, amend or repeal its bylaws. Our certificate of incorporation and amended and restated bylaws grant our board the power to adopt, amend and repeal our bylaws by the affirmative vote of a majority of the directors constituting the entire board. Our stockholders may adopt, amend or repeal our bylaws, with the affirmative vote of a majority of total voting power of common stock present in person or represented by proxy and entitled to vote thereon.

Our certificate of incorporation and amended and restated bylaws provide that special meetings of our stockholders may be called by or at the direction a majority of the members of the board of directors, the Chairman of the board of directors, the Chief Executive Officer or the President of Barnwell and shall be called by the Secretary at the request in writing of stockholders of record of at least twenty-five percent (25%) in amount of the entire capital stock of the corporation issued and outstanding and entitled to vote thereat.

Our certificate of incorporation and amended and restated bylaws provide that stockholders may take any action required by law or our by-laws to be taken at any annual or special meeting of stockholders of Barnwell may be taken without a meeting, without prior notice and without a vote if a consent or consents in writing, setting forth the action so taken,

shall be signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted and shall be delivered to Barnwell as required by law.

Our amended and restated bylaws provide advance notice procedures for stockholders seeking to bring business before the annual meeting of stockholders or to nominate candidates for election as directors at the annual meeting of stockholders. Our amended and restated bylaws also specify certain requirements regarding the form and content of a stockholder's notice. These provisions may preclude stockholders from bringing matters before the annual meeting of stockholders or from making nominations for directors at the annual meeting of stockholders if the proper procedures are not followed.

We are subject to Section 203 of the DGCL, an anti-takeover law. In general, this section prohibits a publicly held Delaware corporation from engaging in a business combination with an interested stockholder for a period of three years following the date such person became an interested stockholder, unless the business combination or the transaction in which such person became an interested stockholder is approved in a prescribed manner. Generally, a "business combination" includes a merger, asset or stock sale, or other transaction resulting in a financial benefit to the interested stockholder. Generally, an "interested stockholder" is a person that, together with affiliates and associates, owns, or within three years prior to the determination of interested stockholder status did own, 15% or more of a corporation's voting stock. The existence of this provision may have an anti-takeover effect with respect to transactions not approved in advance by our board, including discouraging attempts that might result in a premium over the market price for the shares of our common stock.

#### Transfer Agent and Registrar

The transfer agent and registrar for our common stock is American Stock Transfer & Trust Company.

The transfer agent and registrar for our Common Stock is Broadridge Corporate Issuer Solutions, Inc., 51 Mercedes Way, Edgewood, NY 11717.

Our Common Stock is listed on the NYSE American under the symbol "BRN".

Exhibit No. 10.16

CERTAIN CONFIDENTIAL PORTIONS OF THIS EXHIBIT, MARKED BY "[REDACTED]", HAVE BEEN OMITTED BECAUSE THE CONFIDENTIAL OMITTED INFORMATION IS BOTH (I) NOT MATERIAL AND (II) INFORMATION THAT THE COMPANY CUSTOMARILY AND ACTUALLY TREATS AS PRIVATE OR CONFIDENTIAL.

#### STOCK PURCHASE AGREEMENT

This Stock Purchase Agreement ("Agreement") is by and among West Maui Construction, Inc., a Hawaii corporation ("Buyer"), Barnwell of Canada, Limited, a Delaware corporation ("Barnwell Canada"), and Barnwell Industries, Inc., a Delaware corporation ("Barnwell Industries"), and is entered into effective as of December 12, 2023 ("Effective Date").

#### RECITALS

A. Barnwell Canada and Barnwell Industries (sometimes individually referred to herein as "Seller" and collectively as "Sellers") own all of the issued and outstanding shares of capital stock (the "Shares") of Water Resources International, Inc., a Delaware corporation (the "Company").

B. The Company specializes in the exploration and development of groundwater resources for government, commercial and private clients in Hawaii and is an industry leader in the state in deep drilling and deep well pumping (the "Business").

C. Buyer desires to purchase the Shares from Sellers, upon the terms and subject to the conditions contained in this Agreement; and Sellers desire to sell the Shares to Buyer, upon such terms and subject to such conditions.

#### AGREEMENT

##### SECTION 1 DEFINITIONS

Unless defined elsewhere in this Agreement, capitalized terms used in this Agreement will have the meanings ascribed to them in the attached Appendix A.

##### SECTION 2 ASSETS AND LIABILITIES

2.1 **Agreement of Sale and Purchase.** Upon the terms and subject to the conditions contained in this Agreement, and in consideration of the obligations of Buyer provided in this Agreement, at the Closing, Sellers will sell, assign, transfer, grant, bargain, deliver, and convey the Shares to Buyer, free and clear of all Liens; and Buyer will purchase the Shares from Seller, upon the terms and conditions hereinbelow set forth.

2.2 **The Assets.** By virtue of Buyer's purchase of the Shares from Seller, Buyer will acquire Sellers' entire rights, title, and interest in, to, and under the Business, as a going concern, and, indirectly, all assets, or rights in assets, owned by the Company at the Closing Date in connection with or arising out of the Business of every type and description, tangible and intangible, wherever located and whether or not reflected in the Current Financials or otherwise reflected on the books and records of the Company (all of such assets, properties, rights, and Business are collectively referred to in this Agreement as the "Assets"), including, but not limited to, the following (but not including the Excluded Assets), in each case as of the Closing Date:

- (a) all of the Company's rights under the contracts and leases listed on Schedule 4.16 as "assumed contracts," and any other contracts added to the Schedule 4.16 list as "assumed contracts" pursuant to Section 6.4 below before Closing (the "Assumed Contracts");
- (b) all of the Company's Tangible Personal Property listed on Schedule 4.7;
- (c) the Company's inventories, finished goods, and materials (including those inventories on the Closing Inventory List and including all inventories used in connection with the Assumed Contracts);

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(d) the Company's intellectual property assets used or held for use in the Company's operations, including, but not limited to, all books of account and records pertaining to the Business, business models, customer and supplier lists, non-compete agreements, marketing plans, financial and technical information, trade secrets, know-how, ideas, designs, drawings, specifications, techniques, programs, including the intellectual property assets listed on Schedule 4.9;

(e) the Company's licenses, permits, registrations, and other governmental authorizations necessary to start and complete work under the Assumed Contracts, to the extent transferable;

(f) all books, data, records, ledgers, files, documents, correspondence, lists, drawings, specifications, advertising and promotional materials, studies, reports, and other printed or written materials of the Company (other than attorney-client privileged communications and records);

(g) the Company's goodwill, tradenames, internet domain names, web pages, telephone numbers, fax numbers, e-mail addresses, social media accounts (including all "handles"), and other similar items, together with associated listings and registrations, in each such case used or held for use in the Company's operations;

(h) all cash, deposits, bank accounts, and certificates of deposit of the Company (other than cash that is included in the Excluded Assets);

(i) all notes receivable and other receivables of the Company (other than Accounts Receivable that are included in the Excluded Assets);

(j) the Company's charter, qualifications to conduct business as a foreign business entity, arrangements with registered agents relating to foreign qualifications, taxpayer and other identification numbers, company seals, minute books, stock or equity transfer books and records, and other documents relating to the organization, maintenance, and existence as a business entity of the Company;

(k) Reserved;

(l) all of the Company's performance, surety, and warranty bonds entered into in the Ordinary Course of Business by the Company;

(m) all security and utility deposits made by the Company;

(n) all claims, rights of recovery, rights of set-off, rights of recoupment, and causes of action related to the Business, and all rights of indemnity, warranty rights, rights of contribution, rights of reimbursement, and other rights of recovery related in any way to the Business or the Assets (regardless of whether such rights are currently exercisable);

(o) the right to receive mail and other communications addressed to the Company, including mail and communications from customers, suppliers, distributors, agents, and others and payments in respect of the Business;

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(p) all books, records, ledgers, files, documents, correspondence, lists, drawings, specifications, advertising and promotional materials, studies, reports, and other printed or written materials of the Company;

- (q) all customer lists, customer identification data, other customer records and information, lists of suppliers (including pricing and terms), and other supplier records and information of the Company;
- (r) all rights under any proposal that has been submitted by the Company to a prospective customer, including any prospective managed community, and all lists, identification data, records, and information related to prospective customers;
- (s) all insurance benefits, including rights and proceeds, arising from or relating to the Assets;
- (t) all rights of the Company under any non-competition, nondisclosure, invention assignment, or any other restrictive or other covenant made for the benefit of the Company in any Contract with any current or former employees, contractors, or other third parties;
- (u) all goodwill associated with the Business;
- (v) the Company's allocated share of net operating losses reported by Barnwell Industries on its consolidated group federal income tax return for 2022 was calculated at approximately \$2,300,000. The \$2,300,000 is subject to update, audit and adjustment in the context of an acquisition and its use and benefit to the Company or Buyer post-Closing may be limited by the applicable provisions of the Internal Revenue Code. Sellers disclaim any representation with respect to the amount of the NOL which will be available for use by the Company post-Closing; and
- (w) all other property and rights that relate to the Business owned by the Company or in which the Company has an interest at the Closing Date (other than any such property and rights that are included in the Excluded Assets).

**2.3 Excluded Assets; Excluded Liabilities.** Notwithstanding Buyer's desire to acquire, indirectly by virtue of Buyer's purchase of the Shares, the Business, as a going concern, and the Assets, and Sellers' desire to sell, indirectly by virtue of the sale of the Shares to Buyer, the Business, as a going concern, and the Assets, (x) there are certain assets of the Company that are not intended to be included in the Transaction and that will be transferred or assigned to Sellers (or their designees) prior to the Closing, and (y) there are certain liabilities of the Company that exist on or relate to the period prior to the Closing Date that Buyer does not accept responsibility for, and that will be paid off or otherwise settled to the extent possible prior to the Closing and/or for which Buyer shall be indemnified by Sellers from and against subject to the terms of Section 14. Accordingly, in respect of such matters, Sellers agree with Buyer as follows:

- (a) Immediately prior to the Closing the Company will assign, transfer, and set over to Sellers (or their designees) all of the right, title, and interest of the Company in, to, and under the following assets of the Company (the "Excluded Assets"):
  - (1) the Company's cash, cash equivalents, and restricted cash, except for (x) cash deposits (including cash deposits made under utility contracts and lease agreements), and (y) advances made by customers of the Company and held by the Company under contracts with its customers;

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- (2) the Company's Accounts Receivable, refunds, notes receivable, income earned but not billed, and retentions for work completed prior to Closing;
  - (3) all claims, actions, proceedings, damages, liabilities, and expenses of every kind that the Company may have against or be able to recover from any Person related to the operation of the Business prior to the Closing, whether known or unknown, including, but not limited to, all insurance claims;
  - (4) the Company's tax refunds related to the operation of the Business prior to the Closing; and
  - (5) the Company's interest in Barnwell Hawaiian Properties, Inc., a wholly owned subsidiary of the Company.
  - (b) Buyer will not accept responsibility for, and Sellers will exercise commercially reasonable efforts to cause the Company to pay or otherwise satisfy the following debts and liabilities in existence as of the Closing Date (the "Excluded Liabilities"):
    - (1) all Trade Payables (other than Trade Payables that relate directly to items specified in Section 2.3(d) or other prepaid assets or expenses benefiting periods following the Closing Date), notes payable (including notes payable to banks and other lenders, notes payable related to funds received under any federal, state, or local program, and notes payable to Sellers or affiliates of Sellers), and similar obligations of the Company owed to vendors and suppliers of goods and services to the Company, to Sellers (or any affiliate of Sellers), or to any other Person, as of the Closing Date, but excluding the obligations of the Company that are due and payable in the Ordinary Course of Business following the Closing Date (for the post-Closing period) under (x) equipment lease agreements related to equipment that is included in the Assets and described in Schedule 4.7, and (y) the Lease for the Leased Real Property;
    - (2) all prior, current, and future liabilities and obligations arising out of or related to the Company's work performed prior to the Closing on any project, which retained liability includes (without limitation) all warranty obligations and warranty proceeds payable (including all warranty obligation for well pumps installed prior to the Closing), construction defect claims, performance bond claims, payment bond claims, and maintenance/warranty bond claims;
    - (3) all taxes of every kind owed by the Company as of the Closing Date, including general excise taxes, income taxes, withholding taxes, and property taxes as of the Closing Date;
    - (4) all payment obligations of any kind owed by the Company to or for the benefit of its employees as of the Closing Date, including all salary, wages, bonuses, commissions, fees, expense reimbursements, insurance premiums, and contributions to Benefit Plans, as of the Closing Date, and all obligations owed as of the Closing Date to employees of the Company with respect to accrued but unused vacation, sick leave and paid time-off for the period of their employment prior to the Closing Date (the "Accrued Leave Benefit Amounts"), (which obligations shall be satisfied by the Sellers as part of the AP True-Up pursuant to Section 2.3(c)(2));

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(5) all obligations of any kind owed by the Company arising from, in respect of, or otherwise related to any Litigation against or affecting the Company, the Business, the Assets, or Sellers that has been commenced prior to the Closing Date or that is commenced after the Closing Date but arise out of actions or events that occurred prior to the Closing Date, including, but without limitation, all attorneys' fees and expenses, court costs, other costs and expenses, and all losses, claims, obligations, demands, assessments, penalties, fines, forfeitures, liabilities, costs, and damages arising from, in respect of, or otherwise related to such Litigation;

(6) all obligations and liabilities of any kind owed by the Company under or with respect to any Contract to which the Company is a party or by which the Company is bound accrued for all periods prior to the Closing Date;

(7) all liabilities and obligations arising out of or resulting from any failure by the Company to comply with any applicable law, judgment, order, guidelines, regulations, and rules for any period prior to the Closing Date;

(8) all liabilities and obligations of the Company to any current or former shareholder, director, or officer of the Company or to any affiliate of the Company (including the Company's "inter-company payables"); and

(9) all attorneys', brokers', consultants' or other advisors' fees and expenses, and other out-of-pocket costs incurred by the Sellers in connection with the Transaction, regardless of when incurred.

(c) The parties acknowledge that it is difficult to determine the exact amounts of Excluded Assets and Excluded Liabilities of the Company immediately prior to the Closing, and because of the difficulty of such determinations, the parties agree that the following procedures will be followed at the Closing and during the three (3) month period following the Closing Date (the "True-Up Period"):

(1) On or before the thirtieth (30<sup>th</sup>) day after the Closing Date, Sellers will deliver to Buyer a balance sheet and income statement of the Company (a "Closing Balance Sheet") prepared as of the Closing Date (the "Closing Balance Sheet Date"). The Closing Balance Sheet will include a description of all cash, all Accounts Receivable, and other Excluded Assets and all Excluded Liabilities of the Company as of the Closing Balance Sheet Date. The Closing Balance Sheet will be utilized by the parties as the basis for the true-up procedures set forth in this Section 2.3(c) during the True-Up Period.

The parties acknowledge and agree that income earned by the Company prior to the Closing Date, and expenses incurred by the Company prior to the Closing Date, that are billed or paid after the Closing, belong to Sellers and will be handled and included in the True-Up process.

(2) Sellers will not be entitled to receive the cash or the Accounts Receivable and proceeds therefrom that are included among the Excluded Assets pursuant to Section 2.3(a)(1)&(2) until the True-Up Period has ended as provided in Section 2.3(c)(3). Any cash or Accounts Receivable included among the Excluded Assets received or recorded during the True-Up Period will be booked by the Company as a debit to cash or Accounts Receivable, as appropriate, with the offsetting credit to an accounts payable true-up account ("AP True-Up"), and any liabilities included among the Excluded Liabilities paid or accrued during the True-Up Period will be booked as a debit to the AP True-Up and credited to cash or the appropriate Excluded Liability account.

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On the last day of each month during the True-Up Period (or on the first business day following such last day if such last day is not a business day), the Company will prepare a listing of all invoices paid during such month, at which time the Buyer will record such invoices as being pre-Closing (and thus an Excluded Liability) or post-Closing.

(3) Within fifteen (15) days after the last day of the True-Up Period, Buyer will reconcile and close the AP True-Up and prepare a calculation that aggregates all Excluded Assets and Excluded Liabilities for the Company, provided that Sellers will be given credit for any unpaid retentions allocable to work completed prior to Closing where the Company has reasonable assurance that the retention will ultimately be paid. Any credit balance in the AP True-Up for the Company will be paid by Buyer to Sellers, in cash, by wire transfer in accordance with Sellers' instructions (but in any event within five (5) days after Buyer's delivery of the AP True-Up calculation to Sellers), and any debit balance in the AP True-Up will be paid by Sellers to the Buyer in cash, by wire transfer in accordance with Buyer's instructions, in either case as soon as practicable (but in any event within

five (5) days after Buyer's delivery of the AP True-Up calculation to Sellers). In the event that Buyer and Sellers are unable to reach a mutually acceptable definitive determination with respect to the AP True-Up within thirty (30) days of the last day of the True-Up Period, the parties will attempt to resolve their dispute in accordance with the dispute resolution procedures set forth in [Section 18.13](#).

(d) **Prorated Items.** Any property taxes, other taxes, or other Excluded Liabilities that cannot be determined definitively as of the Closing Date, whether because the Company has not received property tax statements for the year in which the Closing occurs or otherwise (collectively, "**Prorated Items**"), will be paid by Sellers (who will bear responsibility for all property taxes, other taxes, and other Excluded Liabilities that have accrued to and including the Closing Date, and receive the benefit of all prepayments (including but not limited to insurance premiums) and revenue items that have accrued up to and including the Closing Date) and the Company (which will bear responsibility for all property taxes, other taxes, or other items that, but for the assumption thereof by Sellers, accrue after the Closing Date, and receive the benefit of all revenue items that have accrued after the Closing Date). With respect to such Prorated Items, on or promptly following the Closing Date, Sellers and Buyer, in good faith, will estimate the amount of any such Prorated Items that cannot be determined definitively as of the Closing Date (the "**Closing Date Estimate of Prorated Items**"), and Sellers will assume and pay such estimated Prorated Items if the Prorated Items are in favor of Buyer, and Buyer will pay such estimated Prorated Items if the Prorated Items are in favor of Sellers. If the completion of a definitive determination of such Prorated Items after the Closing Date results in the necessity for an adjustment, an adjustment will be made by Sellers and Buyers. If it is determined that, based on the Closing Date Estimate of Prorated Items, Sellers overpaid for such estimated Prorated Items, Buyer promptly will pay to Sellers the amount of such overpayment in cash, by wire transfer in accordance with the recipient's instructions; but if it is determined that, based on the Closing Date Estimate of Prorated Items, Sellers underpaid for such estimated Prorated Items, Sellers promptly will pay to Buyer the amount of such underpayment in cash, by wire transfer in accordance with the recipient's instructions. For purposes of making the definitive determination of the respective obligations of Buyer and Sellers with respect to the Prorated Items, within thirty (30) days following the date on which such definitive determination can be made, whether because of the receipt of the final property tax statement for the year in which the Closing occurs or otherwise, Buyer and Sellers, mutually and in good faith, will make the determination; and within fifteen (15) days following the date of such determination, Buyer will pay to Sellers, in cash, the amount of any overpayment made by Sellers, if that is the result of the determination, or Sellers will pay to the Buyer, in cash, the amount of any underpayment made by Sellers, if that is the result of the determination. In the event that Buyer and Sellers are unable to reach a mutually acceptable definitive determination with respect to the Prorated Items within the 30-day period contemplated by this [Section 2.3\(d\)](#), the parties will attempt to resolve their dispute in accordance with the dispute resolution procedures set forth in [Section 18.13](#).

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(e) After the Closing, and subject to the procedures set forth in [Section 2.3\(c\)](#):

(1) to the extent the Company receives payments of or upon Accounts Receivable that were included among the Excluded Assets, the Company will remit such payments to Sellers (Buyer hereby agrees to cause the Company to exercise reasonable commercial efforts to collect any Accounts Receivable that are included among the Excluded Assets); and

(2) to the extent Sellers cause the Company to pay or perform any Excluded Liability after the Closing, Sellers will reimburse the Company for such payment promptly after receipt of notice from Buyer in accordance with [Section 14](#).

### **SECTION 3 PURCHASE PRICE**

**3.1 Purchase Price.** In consideration for the sale and transfer of the Shares, Buyer will pay to Sellers an aggregate purchase price in the amount of \$2,000,000.00 (the "**Purchase Price**").

**3.2 Payment.** Buyer will pay the Purchase Price for the Shares as follows:

(a) within three (3) business days of the Effective Date, Buyer will deposit with Escrow the sum of \$200,000 ("**Initial Deposit**"). Until the expiration of the Due Diligence Period, the Initial Deposit shall remain fully refundable to Buyer if Buyer elects to terminate this Agreement for any reason. Following expiration of the Due Diligence Period, the Initial Deposit shall become non-refundable to Buyer except as otherwise set forth in this Agreement;

(b) at Closing, Buyer shall deliver the balance of the Purchase Price (i.e., the Purchase Price, less the Initial Deposit) to Escrow; and

(c) on the Closing Date, Escrow shall release to the Sellers the Purchase Price (i) less the amount of \$150,000 to be placed in a holdback account pursuant to the Escrow Agreement ("**Holdback Escrow Amount**"), (ii) less Sellers' share of Closing expenses, and (iii) less all amounts required to satisfy obligations Sellers owe to any creditors with Liens on the Assets so as to ensure the release of such Liens at the Closing. Either Seller may assign to the other either its right to receive the amount or amounts payable by Escrow to Sellers under this [Section 3.2\(c\)](#).

**3.3 Transfer Taxes.** Sellers shall bear and pay when due any stamp or transfer taxes that may become payable in connection with the consummation of the Transaction and Sellers, at Sellers' expense, will file all necessary tax returns and other documentation with respect to all such taxes.

**3.4 Adjustment of Purchase Price – Construction Contracts.**

(a) Attached hereto as [Schedule 3.4\(a\)](#) is Sellers' detailed calculation of the gross profit recognized by the Company for each of the Construction Contracts from the inception of such Construction Contracts to December 31, 2023, and the estimated gross profit yet to be recognized as of such date under GAAP using the percentage completion basis of accounting.

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- (b) Within sixty (60) days after completion of all of the Construction Contracts, Buyer shall calculate the gross profit that was actually earned by the Company on each Construction Contract under GAAP, as finally determined upon completion of such Construction Contracts (the "Look-Back Calculation"). Any adjustments made to the Closing Balance Sheet pursuant to Section 2.3(c)(3) as a result of the AP True-Up that affect the amount of gross profit recognized by the Company on Schedule 3.4(a) as of December 31, 2023, shall be reflected in the Look-Back Calculation through an appropriate adjustment to the gross profit recognized by the Company on Schedule 3.4(a) for purposes of the Look-Back Calculation.
  - (c) If the aggregate (recognized and estimated) gross profit for the Construction Contracts as of December 31, 2023, as set forth on Schedule 3.4 (a) is less than or greater than the aggregate gross profit set forth in the Look-Back Calculation for such period, then the Purchase Price will be adjusted in favor of Buyer or Sellers, as applicable, by the amount of the difference (the "Look-Back Adjustment"). All Look-Back Adjustments will be made net of a 33% tax withholding amount.
  - (d) Sellers shall be jointly and severally liable for any payments required to be made to Buyer under this Section 3.4(c). Upon determination of a Look-Back Adjustment pursuant to Section 3.4(c), whether in favor of Buyer or Sellers, Buyer shall give notice of the amount of such Look-Back Adjustment to Sellers, which notice shall be accompanied by the Look-Back Calculation and supporting documentation and evidence. Sellers shall have thirty (30) days to object in writing to any Look-Back Adjustment proposed by Buyer. Such objection shall explain in reasonable detail the basis of Sellers' objection and shall be accompanied by supporting documentation and evidence. If Sellers' do not object within such thirty (30) day period, the Look-Back Adjustment proposed by Buyer shall be deemed to be approved and accepted by the parties and Buyer or Sellers, as the case may be, shall remit immediately available funds to the other party in the amount of the adjustment.
  - (e) If Sellers object to the proposed Look-Back Adjustment, Buyer and Sellers shall seek to resolve the dispute promptly within thirty (30) days through good faith negotiations. In the event that Buyer and Sellers are unable to reach a mutually acceptable definitive determination with respect to the Look-Back Adjustment within the 30-day period contemplated by this Section 3.4(e), the parties will attempt to resolve their dispute in accordance with the dispute resolution procedures set forth in Section 18.13.

#### **SECTION 4 REPRESENTATIONS AND WARRANTIES OF SELLERS**

Except for the express representations and warranties in this Agreement, Sellers expressly exclude all warranties with respect to the Transaction, express and implied, including, but not limited to, the warranty of merchantability, the warranty of fitness for a particular purpose, and any warranties that may have arisen from course of dealing or usage of trade. Sellers jointly and severally represent and warrant to Buyer as follows:

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- 4.1 **Organization.** The Company is a corporation duly organized, validly existing, and in good standing under the laws of the State of Delaware. The Company is duly qualified to transact business in Hawaii and transacts no business in any other jurisdiction where the nature and extent of its business and properties (both owned and leased) requires qualification. The Company possesses all requisite corporate authority and power, and all licenses, including all governmental approvals, to own, lease, or operate its properties and assets and to conduct the Business as it is now being conducted or that are necessary in any material respect for the ownership, maintenance, and operation of the Business and the Assets. Sellers have delivered to Buyer accurate and complete copies of the Organizational Documents of the Company (including any amendments thereto), as in effect on and as of the Effective Date, and all such Organizational Documents are correct and complete in all respects and no amendments thereto are pending.
  - 4.2 **Authority; Binding Obligations.** Sellers have the requisite legal power and capacity to execute and deliver this Agreement and the other Transaction documents executed or to be executed by them, to perform Sellers' obligations hereunder and thereunder, and to consummate the Transaction, and for which no consent of any governmental authority is required that has not been obtained, and no filing or other notification to any governmental authority or is required that has not been properly completed. This Agreement and the other Transaction documents executed or to be executed by Sellers have been duly executed and delivered by Sellers, and constitute (or when executed, will constitute) the valid and legally binding obligation of Sellers, and (assuming due execution and delivery by Buyer) enforceable in accordance with their terms, subject only to the application of bankruptcy, insolvency and other similar laws of general application and general principles of equity.
  - 4.3 **Capitalization.**

- (a) All of the authorized, issued, and outstanding shares of capital stock of the Company is owned by Sellers (80% by Barnwell Canada and 20% by Barnwell Industries). There are no equity interests in the Company other than the Shares owned by Sellers in the Company. Sellers, and on the Closing Date will be, the record and beneficial owner of the Shares free and clear of all Liens, and as of the Closing Sellers will transfer the Shares to Buyer free and clear of all Liens.
- (b) The Shares have been duly authorized and validly issued, are fully paid and nonassessable, and were not issued in violation of any preemptive or other rights. The powers, privileges, and other rights, and the qualifications, limitations, or restrictions thereof in respect of the Shares are as set forth in the Organizational Documents of the Company delivered to Buyer.
- (c) At the Closing Date, except for this Agreement, there are no agreements relating to the issuance, sale, or transfer of the Shares, as applicable, or other equity interests in the Company, including, but without limitation, any such agreements that create, grant, establish, or otherwise relate to any options, warrants, conversion rights, preemptive rights, rights of first refusal, or other rights, or agreements, orally or in writing, to purchase or acquire from the Company or Sellers any shares of capital stock, or any securities convertible into or exchangeable for shares of capital stock in the Company.
- (d) The Company does not own any capital stock, partnership interests, membership interests, or other Equity Interests in or of any Person except the Company's interest in Barnwell Hawaiian Properties, Inc., a wholly owned subsidiary of the Company; and the Company has no obligation, contingent or otherwise, to provide funds to or make any investment in (in the form of a loan, capital contribution, or otherwise) any Person

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**4.4 No Conflicts.** The signing and delivery of this Agreement by Sellers and the performance by Sellers of all of their obligations under this Agreement will not: (a) conflict with the Company's or Sellers' Organizational Documents; (b) breach any agreement to which the Company or Sellers is a party, or give any Person the right to accelerate any obligation of the Company or Sellers; (c) violate any law, judgment, or order to which the Company or Sellers is subject; or (d) require the consent, authorization, or approval of any Person, including, but not limited to, any governmental body.

**4.5 Financial Statements.** Sellers have delivered to Buyer true, correct and complete copies of the financial statements of the Company as listed on Schedule 4.5 (the "Financial Statements"). The Financial Statements: (a) fairly present in all material respects the financial condition and the results of operations, changes in shareholders' equity, and cash flow of the Company as of the dates and as of the periods specified; (b) were prepared in accordance with generally accepted accounting principles ("GAAP") (Sellers and the Company are part of an affiliated group of Companies whose results are consolidated and reported on a GAAP basis); (c) reflect the consistent application of such accounting principles throughout the periods involved; and (d) were prepared in accordance with the books of account and records of the Company (which, in turn, are accurate and complete in all material respects).

**4.6 Books and Records.** The books of account and records of the Company are complete and accurate in all material respects, represent actual, bona fide transactions, and have been maintained in accordance with GAAP including the maintenance of an adequate system of internal accounting controls.

**4.7 Tangible Personal Property.** All of the Company's tangible property assets, equipment, and operating fixed assets are listed on Schedule 4.7 ("Tangible Personal Property"). The Company has good and marketable title to Tangible Personal Property or has a valid leasehold interest in and is in possession of such Tangible Personal Property under a valid and subsisting lease contract, free and clear of all Liens. All the Tangible Personal Property is in the Company's possession and control. Each item of Tangible Personal Property is being conveyed to Buyer in strictly "as is" condition with no warranties of any kind whatsoever.

**4.8 Inventories.** Except as otherwise provided on Schedule 4.8: The Company's inventories – other than items that are obsolete or of below-standard quality, all of which have been written off or written down to net realizable value on the Most Recent Balance Sheet – are of a quality usable and, with respect to finished goods, saleable in the Ordinary Course of Business.

**4.9 Intellectual Property.**

- (a) Schedule 4.9 contains a complete list of (i) each patent, trademark, and copyright in which the Company has an ownership interest; (ii) each trademark that the Company uses; and (iii) each internet domain name and social media account that the Company uses or has registered. The Company has no intellectual property relevant to or used in its operations other than as listed on Schedule 4.9.
- (b) Except as otherwise provided on Schedule 4.9:
- (1) the Company has not and to Sellers' Knowledge no Person has alleged that the Company has infringed on the patent, trademark, copyright, or trademark rights of any Person;
  - (2) the Company has not, and to Sellers' Knowledge no Person has alleged that Sellers have, misappropriated, misused, or improperly disclosed the trade secrets or confidential or proprietary information of any Person;

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- (3) to Sellers' Knowledge, no patent, trademark, copyright, tradename, or Internet domain name that is owned or used by any Person infringes the patent, trademark, copyright, or tradename rights of the Company;
  - (4) no trade secret or confidential or proprietary information of the Company has been appropriated, used, or disclosed for the benefit of any other Person or to the detriment of the Company;
  - (5) no registration of any patent, trademark, copyright, tradename, or Internet domain name that the Company has registered has become invalid or unenforceable, or is subject to any fee, tax, or other charge.

- 4.10 **Sufficiency of Assets.** To Sellers' Knowledge and except for the Excluded Assets, the Assets constitute all of the tangible and intangible assets necessary to conduct Business as it is now being conducted.
- 4.11 **Title to Assets.** Except as otherwise provided on Schedule 4.11, the Company has good title to the Assets, free from all Liens. Immediately before the Closing, the Company will possess good title to the Assets, free from all Liens.
- 4.12 **Taxes.** Except as otherwise provided on Schedule 4.12: (a) the Company has filed on a timely basis all tax returns and reports required to be filed by applicable laws; (b) all of the Company's filed tax returns and reports are complete and accurate; (c) the Company has paid – or made provision for the payment of – all taxes that have become due for all periods; (d) no taxing authority has asserted – or informed the Company or Sellers that it intends to assert – any deficiency in the payment of any taxes by the Company; (e) the Company is not the beneficiary of any extension of time within which to file a tax return; (f) no filed tax return of the Company has been or is currently being audited; (g) the Company has not been given or been requested to give a waiver or an extension of any statute of limitations relating to the payment of any taxes; (h) the Company is not a party to any tax sharing agreement, tax allocation agreement, tax indemnity agreement, or similar tax agreement that may require the Company to make any payment of any kind. For purposes of this Section 4.12 the term "Company" shall mean the affiliated group of companies as defined in Section 1504 of the Code of which the Company is a member and of which Barnwell Industries is the common parent.
- 4.13 **No Undisclosed Liabilities.** To Sellers' Knowledge, the Company has no liabilities of any kind, whether known or unknown, fixed or contingent, disputed or undisputed, matured or unmatured, liquidated or unliquidated, or secured or unsecured, except for: (a) liabilities reflected or reserved against on the Company's Most Recent Balance Sheet; (b) liabilities incurred in the Ordinary Course of Business since the date of the Company's Most Recent Balance Sheet; (c) liabilities under contracts that do not arise out of or result from a breach by Sellers; and (d) liabilities otherwise disclosed in any of the Schedules delivered in connection with this Agreement.
- 4.14 **No Material Adverse Change.** Since the date of the Initial Balance Sheet, no material adverse change in the financial condition of the Company has occurred. To Sellers' Knowledge no facts or circumstances exist that will likely result in a material adverse change in the financial condition of the Company since the date of the Most Recent Balance Sheet.
- 4.15 **No Other Changes.** Except as otherwise provided on Schedule 4.15, since the date of the Initial Balance Sheet:
  - (a) the Company has conducted the Business in the Ordinary Course of Business;
  - (b) the Company has not changed its accounting methods;
  - (c) no material loss or damage has occurred with respect to any Asset, whether or not the loss or damage is covered by insurance;
  - (d) the Company has not received notice of any claims with respect to its surety bond, payment bond, performance bond, maintenance/warranty bond, or claims related to the performance or quality of its work (including any construction defect claims);
  - (e) the Company has not increased the salary, bonus payments, benefits, or other compensation of any director, officer, or employee, other than in the Ordinary Course of Business;
  - (f) no Benefit Plan has been adopted, amended, or terminated, and the Company has not withdrawn from any Benefit Plan; and
  - (g) no customer or supplier of the Company has indicated to the Company or Sellers an intention to discontinue or change the terms of the customer's or supplier's business relationship with the Company.

#### 4.16 **Contracts.**

- (a) Schedule 4.16 contains or will be amended by mutual agreement of the parties prior to Closing to contain a complete list of: (1) all contracts, written or oral, to which the Company is a party or by which the Company is bound and that relate to or concern the Business and/or the Assets; and (2) any proposal in writing that has been submitted by the Company to a prospective customer that is pending or outstanding as of the Effective Date, whether in the form of a written bid, offer, memorandum of understanding, term sheet, or similar document.
- (b) Except as set forth in Schedule 4.16, there are no warranty claims pending or, to the Sellers' Knowledge threatened with respect to work performed by the Company, and neither the Company nor Sellers have received notice of any pending or threatened warranty claim.
- (c) Except as otherwise provided on Schedule 4.16:
- (1) true and correct copies of all the written contracts listed in Schedule 4.16 have been made available by the Sellers to the Buyer for review, to the extent such contracts are in writing;
- (2) the Company has complied with the terms and conditions of each contract listed on Schedule 4.16;
- (3) to Sellers' Knowledge, each other Person that is a party to a contract listed on Schedule 4.16 has complied with the terms and conditions of the contract, and the Company has no Liens pending or threatened against any project owners or subcontractors;
- (4) no Assumed Contract has become invalid or unenforceable;

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- (5) to Sellers' Knowledge, no event has occurred or circumstances exist that will likely: (A) result in the Company's failure to comply with the terms and conditions of any contract listed on Schedule 4.16; (B) give any Person the right to terminate any Assumed Contract; or (C) give any Person the right to accelerate any obligation of the Company under any Assumed Contract;
- (6) neither the Company nor Sellers have received any notice from any Person regarding any actual or alleged failure by the Company to comply with the terms and conditions of any contract listed on Schedule 4.16.

4.17 **Compliance With Laws.** Except as otherwise provided on Schedule 4.17: (a) the Company has complied with all applicable laws that are or were applicable to it or to the conduct or operation of its Business during the five-year period before the date of this Agreement; (b) to Sellers' Knowledge, no event has occurred or circumstances exist that will likely result in the Company's failure to comply with any applicable law; and (c) during the five-year period before the date of this Agreement, neither the Company nor Sellers have received any notice from any governmental authority or other Person regarding any actual or alleged failure by the Company to comply with any law.

4.18 **Governmental Authorizations.** Schedule 4.18 contains a complete list of each license, permit, registration, and other governmental authorization of the Company. Except as otherwise provided on Schedule 4.18: (a) the Company's governmental authorizations constitute all of the governmental authorizations required to conduct the Business as it is now being conducted; (b) the Company has complied with the terms and conditions of each governmental authorization of the Company; (c) to Sellers' Knowledge, no event has occurred or circumstances exist that will likely result in the Company's failure to comply with the terms and conditions of any governmental authorization of the Company; (d) neither the Company nor Sellers have received any notice from any governmental authority or other Person regarding any actual or alleged failure by the Company to comply with the terms and conditions of any governmental authorization of the Company; and (e) no governmental authorization of the Company has become invalid or unenforceable, or is subject to any fee, tax, or other charge that is due and owing but not paid as of the Closing Date.

4.19 **Legal Proceedings.** Schedule 4.19 contains a complete list of Litigation that is pending or, to the Sellers' Knowledge, threatened against the Company. the Company has delivered to Buyer complete and accurate copies of all pleadings, correspondence, and other documents relating to each proceeding listed on Schedule 4.19. To Sellers' Knowledge, except as otherwise provided on Schedule 4.19: (a) no event has occurred or circumstances exist that will likely result in a proceeding against the Company; and (b) no proceeding listed on Schedule 4.19 will likely result in a material adverse change in the financial condition of the Company.

4.20 **Orders.** Schedule 4.20 contains a complete list of each judgment or order to which the Company or the Company's performance, payment, maintenance/warranty, or registration bond is subject. Except as otherwise provided on Schedule 4.20: (a) the Company has complied with the terms and conditions of each judgment and order to which the Company is subject; (b) to Sellers' Knowledge, no event has occurred or circumstances exist that will likely result in the Company's failure to comply with the terms and conditions of any judgment or order to which the Company is subject; and (c) neither the Company nor Sellers have received any notice from any governmental authority or other Person regarding any actual or alleged failure by the Company to comply with the terms and conditions of any judgment or order to which the Company is subject.

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#### 4.21 Employee and Labor Matters.

- (a) Schedule 4.21 contains a complete list of: all Persons who are employees of the Company as of the date hereof, including any employee who is on a leave of absence of any nature, paid or unpaid, authorized or unauthorized, and sets forth for each such individual the following: (i) name; (ii) job title or position (including whether full-time or part-time); (iii) hire or retention date; (iv) current annual base compensation rate or contract fee; (v) commission, bonus, or other incentive-based compensation; and (vi) a description of the fringe benefits provided to each such individual as of the date hereof.
- (b) For each employee listed on Schedule 4.21, the relationship to the Company is that of an at-will employee and there is no individual contract for employment, severance, or change-of-control benefits, or the provision of wages or compensation except as disclosed on Schedule 4.21.
- (c) the Company has complied with the federal Worker Adjustment and Retraining Notification Act of 1988 ("WARN Act"), and similar state, local, and foreign laws related to plant closings, relocations, mass layoffs and employment losses. In the last six years, there has been no "mass layoff" or "plant closing" as defined by the WARN Act or any similar state or local laws applicable to the Company in connection with a termination of any of the Company's employees for which the Company has or would reasonably be expected to have any liability.

4.22 **Employee Benefits.** Schedule 4.22 sets forth a complete and accurate list of all Benefit Plans sponsored, maintained, or contributed to or required to be contributed to by the Company for the benefit of any present or former officers, employees, contractors, or consultants of the Company (collectively, the "Company Benefit Plans"). A current, accurate, and complete copy of each Company Benefit Plan (or summary thereof) has been provided to the Buyer. Each Company Benefit Plan has been and is currently administered in all material respects in compliance with its contracts and constituent documents and all reporting, disclosure, and other requirements of ERISA and the IRC applicable to such Company Benefit Plan. Each Company Benefit Plan that is an employee pension benefit plan (as defined in Section 3(2) of ERISA) and that is intended to be qualified under Section 401(a) of the Code (a "Pension Plan"), if any, has been determined to be so qualified and no condition exists that would adversely affect any such determination. True and correct copies of the most recent annual report on Form 5500 and any attached schedules for each Company Benefit Plan (if any such report was required by applicable Law) and a true and correct copy of the most recent determination letter issued by the IRC for each Pension Plan (if any) have been provided to the Buyer. With respect to each Company Benefit Plan, there is no Litigation pending or, to Sellers' Knowledge, threatened. Full payment has been made of all amounts that the Company was required to have paid as a contribution to each Company Benefit Plan as of the last day of the most recent fiscal year of such Company Benefit Plan ended prior to the Closing Date. No Company Benefit Plan, other than a Pension Plan or employee medical plan, provides benefits to any individual after termination of employment. With respect to any Company Benefit Plan that is funded wholly or partially through an insurance policy, all premiums required to have been paid through the Effective Date under the insurance policy have been paid, all premiums required to be paid under the insurance policy through the Closing Date will have been paid on or before the Closing and, as of the Closing Date, there will be no liability of the Company under any insurance policy or ancillary contract with respect to such insurance policy in the nature of a retroactive rate adjustment, loss sharing arrangement, or other actual or contingent liability arising wholly or partially out of events occurring prior to the Closing Date.

#### 4.23 Environmental. Except as otherwise provided on Schedule 4.23:

- (a) to Sellers' Knowledge, the Company has no liabilities or obligations of any kind arising out of any Environmental Law, whether known or unknown, fixed or contingent, disputed or undisputed, matured or unmatured, liquidated or unliquidated, or secured or unsecured;
- (b) the Company is not a party to any contract, settlement agreement, or other similar arrangement that requires or may require the Company to have any liability or obligation of any kind arising out of any Environmental Law;
- (c) to Sellers' Knowledge, no event has occurred or circumstances exist that will likely result in the Company having any liability or obligation of any kind arising out of any Environmental Law;
- (d) to Sellers' Knowledge, no event has occurred or circumstances exist that will likely result in the Company's failure to comply with any applicable Environmental Law;
- (e) neither the Company nor Sellers have received any notice from any governmental authority or other Person regarding any actual, alleged, or potential failure by the Company to comply with any Environmental Law;
- (f) no Litigation relating to any Environmental Law is pending or, to Sellers' Knowledge, threatened against the Company;
- (g) to Sellers' Knowledge, no event has occurred or circumstances exist that will likely result in a proceeding relating to any Environmental Law against the Company;
- (h) the Company is not subject to any judgment or order relating to any Environmental Law;
- (i) to Sellers' Knowledge, no Hazardous Substance is present on any real property in which the Company has or had an ownership interest or that the Company uses or used in violation of any Environmental Law; and

(j) to Sellers' Knowledge, no Hazardous Substance has been spilled, discharged, or otherwise released on or into any real property in which the Company has or had an ownership interest or that the Company uses or used.

4.24 **Bonds.** The Company has delivered to Buyer a complete and accurate copy of each outstanding performance bond, payment bonds, and maintenance/warranty bond of the Company and each registration bonds of the Company. The Company has complied with the terms and conditions of each such bond. To Sellers' Knowledge, no event has occurred or circumstances exist that will likely result in the Company's failure to comply with the terms and conditions of any outstanding bond. the Company and Sellers have not received notice from any Person regarding any actual or alleged failure by the Company to comply with the terms and conditions of any outstanding bond. There have been no claims or judgments against any such bond.

4.25 **No Brokers or Finders.** Neither the Company nor Sellers have incurred any liability or obligation – whether contingent or otherwise – for a brokerage commission, a finder's fee, or any other similar payment in connection with the Transaction.

4.26 **Safety Matters.** Except as set forth in Schedule 4.26, the Company has complied and is in compliance with all Safety Requirements, and the Company has no liability under any Safety Requirements. Sellers have no Knowledge of any alleged violation or liability arising under any Safety Requirements. Neither the Company nor Sellers have received any written or, to Sellers' Knowledge, oral notice of any violation of, or any liability or corrective or remedial obligation under, any Safety Requirements. The Company is not subject to any pending, or to Sellers' Knowledge, threatened action arising under Safety Requirements.

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4.27 **Corporate Records.** Except as set forth in Schedule 4.27, the Corporate Records of the Company are accurate and contain complete and accurate originals or copies of the Organizational Documents of the Company and all amendments thereto, minutes of all meetings of shareholders and directors (and committees thereof) at which records or minutes were maintained or prepared, and of all actions of shareholders and directors taken by written consent without a meeting, a record of which was maintained or prepared, since the date of organization, and the Corporate Records accurately reflect in all material respects all actions taken by directors and shareholders, with respect to all transactions referred to in such minutes and consents and of the stock or equity interest records of the Company, including the issuance of all the Shares, and all other equity interests at any time issued by the Company.

4.28 **Leased Real Property.** The Company does not own any real property. The only real property leased by the Company is described in Schedule 4.16 (the "Leased Real Property"). The Company has the right, pursuant to the leases for the Leased Real Property to occupy and use the Leased Real Property in the conduct of the Business and true and correct copy of said leases have been provided to Buyer. The Company is in possession of the Leased Real Property and utilizes the Leased Real Property in the conduct of the Business. Except as set forth on Schedule 4.28, to Sellers' Knowledge, the facilities and leasehold improvements that comprise or that are located on the Leased Real Property are structurally sound, in good operating condition and repair, and adequate for the uses to which they are put, and none of such facilities or leasehold improvements needs maintenance or repairs except for ordinary, routine maintenance and repairs that are not material in nature or cost.

4.29 **Warranty.** All services provided and all products or goods manufactured, sold, leased or delivered by the Company have been in conformity with all applicable contractual commitments and all express and implied warranties, and, except as set forth in Schedule 4.29, the Company has no liability (and there is no basis for any present or future action, suit, proceeding, hearing, investigation, charge, complaint, claim or demand against the Company or any Subsidiary giving rise to any liability) for replacement or repair thereof or other damages in connection therewith. Except as set forth in Schedule 4.29, no service provided or product or good manufactured, sold, leased or delivered by the Company is subject to any guaranty, warranty or other indemnity beyond the applicable standard terms and conditions of sale.

4.30 **Insurance.** Schedule 4.30 contains: (a) a list and description of all insurance policies naming the Company as an insured at any time within three (3) years preceding the Effective Date; (b) a list and description of all pending applications for insurance policies; (c) any statements by an auditor of the Company's Financial Statements with regard to the adequacy of coverage or of the reserves for claims; (d) a summary of any loss experience within three (3) years preceding the Effective Date under each policy that identifies the claimant and the nature of the claim; and (e) a summary of each loss experience within three (3) years preceding the Effective Date for all claims that were self-insured, including the number and aggregate cost of such claims. All insurance policies to which the Company is a party or that provide coverage to the Company are valid, outstanding, and enforceable; and are issued by an insurer that is financially sound and in good standing. Except as set forth in Schedule 4.30, the Company has paid all premiums due and has otherwise performed all of its obligations under each policy, and the Company has given proper notice to the insurer of all known claims that may be insured. Except as set forth in Schedule 4.30, the insurance policies do not provide for any retrospective premium adjustment or other experience-based liability on the part of the Company. The Company has not received any refusal of coverage or any notice that a defense will be afforded with a reservation of rights. The Company has not received any notice of cancellation or other similar indication that any insurance policy is no longer in effect or will not be renewed, or any refusal, for any reason, to issue an insurance policy or provide insurance coverage sought by the Company from any insurance company.

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- 4.31 **Bank Accounts.** Schedule 4.31 sets forth the name of each bank, safe deposit company, or other financial institution in which the Company has an account, lock box, or safety deposit box and the names of all Persons authorized to draw thereon or have access thereto.
- 4.32 **Directors and Officers; Resignations.** Schedule 4.32 contains an accurate and complete list of all Persons who, at the Effective Date, serve as directors or officers of the Company. At the Closing, Sellers will cause each such Person to resign as a director and officer of the Company by submitting written resignations to Buyer.
- 4.33 **Certain Payments.** Neither the Company nor, to Sellers' Knowledge, any director, officer, employee, or agent of the Company, has directly or indirectly (a) made any contribution, gift, bribe, rebate, payoff, influence payment, kickback, or other payment to any Person, whether in money, property, or services (i) to obtain favorable treatment in securing business for the Company, (ii) to pay for favorable treatment for business secured by the Company, (iii) to obtain special concessions, or for special concessions already obtained, for or in respect of the Company or the Business, or (iv) in violation of any applicable law, or (b) established or maintained any fund or asset with respect to the Company or the Business that has not been recorded in the books and records of the Company. For the avoidance of doubt, the payment by the Company of sales commissions and offering and providing free materials, discounts, credits, or similar payments or arrangements in the Ordinary Course of Business in a manner that does not violate any applicable law, is not deemed to be an improper payment within the meaning of this Section 4.33.
- 4.34 **CARES Act Compliance.**
- (a) Schedule 4.34(a) sets forth all loans issued through the Payroll Protection Plan pursuant to the CARES Act (each, a "PPP Loan") that the Company and its affiliates (for purposes of this Section 4.34, as such term is defined by U.S. Small Business Administration ("SBA") regulations) have received. Each of the Company and its affiliates was eligible for its respective PPP Loan at the time of application, and truthfully and accurately completed the application for such PPP Loan. Each of the Company and its affiliates correctly determined the loan amount that they were eligible for under the CARES Act, and the loan documents represent such applied for amount.
  - (b) To the extent that the consummation of the transactions contemplated by this Agreement may result in an event of default under the PPP Loan documents, the Company and its affiliates have obtained, or will have obtained before the Closing, all necessary waivers, approvals and consents. Notwithstanding this requirement, the PPP Loan is not being assumed by the Buyer and the Seller's indemnification requirement herein would apply if the Buyer is subjected to any claims or damage as a result of the Company's default under the PPP Loan documents.
  - (c) The Company and its affiliates have used the PPP Loans solely in accordance with all applicable laws governing such receipt and use, as the same may be modified from time to time by the applicable governmental authority or further legislation, as applicable.
  - (d) Schedule 4.34(d) sets forth all other funds or advance payments received by the Company pursuant to the CARES Act and any other COVID-19 relief funds, loans or grants issued by a governmental authority. The Company: (i) has met the qualifications to receive such funds; (ii) has truthfully and accurately submitted any attestations or applications required for receipt of such funds; (iii) is in compliance, in all material respects, with all terms and conditions required in order to receive such funds; (iv) otherwise met and meets all requirements and qualifications in order to receive, use and retain such funds; and (v) has made available for inspection by the Buyer true, correct, and complete copies of all documentation related to such funds.

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- 4.35 **Disclosure.** To Sellers' Knowledge, no representation or warranty made by the Company and Sellers Shareholder in this Agreement includes any untrue statement or omits to state a material fact necessary in order to make the statements made, in the light of the circumstances under which they were made, not misleading.

## SECTION 5 REPRESENTATIONS AND WARRANTIES OF BUYER

Except for the express representations and warranties in this Agreement, Buyer expressly excludes all warranties with respect to the Transaction, express and implied. Buyer represents to Sellers as follows:

- 5.1 **Organization.** Buyer is a corporation duly organized, validly existing, and in good standing under the laws of the State of Hawaii.
- 5.2 **Authority.** Buyer has full power and authority to sign and deliver this Agreement and to perform all of Buyer's obligations under this Agreement. At Closing, Buyer will have full corporate power and authority to conduct Buyer's business, to own and use the Assets, and to perform all of Buyer's obligations under Buyer's Closing documents and the Assumed Contracts.
- 5.3 **Binding Obligation.** This Agreement is the legal, valid, and binding obligation of Buyer, enforceable against Buyer in accordance with its terms, except as enforceability may be limited by bankruptcy, insolvency, or other similar laws of general application or by general principles of equity.
- 5.4 **No Conflicts.** The signing and delivery of this Agreement by Buyer and the performance by Buyer of all of Buyer's obligations under this Agreement will not: (a) conflict with Buyer's Organizational Documents; (b) breach any agreement to which Buyer is a party, or give any Person the right to accelerate any obligation of Buyer; (c) violate any law, judgment, or order to which Buyer is subject; or (d) require the consent, authorization, or approval of any Person, including, but not limited to, any governmental body.

- 5.5 **Legal Proceedings.** No Litigation is pending or, to Buyer's knowledge, threatened against Buyer that: (a) involves any challenge to or seeks any damages or other relief in connection with the Transaction; or (b) may have the effect of prohibiting, delaying, making illegal, imposing material limitations or conditions on, or otherwise interfering with the Closing.
- 5.6 **No Brokers or Finders.** Buyer has not incurred any liability or obligation – whether contingent or otherwise – for a brokerage commission, a finder's fee, or any other similar payment in connection with the Transaction.
- 5.7 **Disclosure.** No representation or warranty made by Buyer in this Agreement includes any untrue statement or omits to state a material fact necessary in order to make the statements made, in the light of the circumstances under which they were made, not misleading.

## SECTION 6 COVENANTS OF SELLERS BEFORE CLOSING

Sellers jointly and severally covenant to Buyer as follows:

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- 6.1 **Buyer's Investigation.** During the Due Diligence Period (defined below) and upon reasonable advance notice from Buyer, Sellers will cause the Company to do the following during the Company's regular business hours and in a manner that does not unreasonably interfere with the operation of the Business: (a) afford Buyer and Buyer's representatives full and free access to the Company's personnel, properties, contracts, governmental authorizations, books of account and records (including financial statements), safety records, prior claim and release documents, and other data related to the Assets and the Assumed Contracts (b) provide Buyer and Buyer's representatives with copies of all contracts, governmental authorizations, books of account and records, and other data related to the Assets and the Assumed Contracts that Buyer may reasonably request; and (c) otherwise cooperate and assist with Buyer's investigation of the Assets, the Assumed Contracts, and the Business. Prior to the Closing, Sellers will provide a complete list of all governmental authorizations described in Section 2.2(e), together with any documentation in the Company's possession related to the assignability of such governmental authorizations. [Redacted]
- 6.2 **Due Diligence Review.** Buyer shall have a period running from the Effective Date and ending immediately prior to Closing ("Due Diligence Period") within which to conduct its due diligence ("Due Diligence Review"). Buyer acknowledges that as of the Effective Date, it has had the opportunity to begin its Review. Buyer may continue its review during the Due Diligence Period and may otherwise conduct such investigations as Buyer deems critical to its evaluation of the purchase. Buyer's investigation will be at Buyer's sole cost and expense, and Buyer will indemnify, defend and hold the Company and Sellers free and harmless from and against any Liens, claims, losses, liabilities, damages, legal fees and costs, including without limitation claims for personal injury, death or property damage, arising out of or in connection with the entry by Buyer and its agents and consultants onto the Company's business premises. This Section 6.2 will survive the Closing or the termination of this Agreement.
- 6.3 **Acceptance of the Assets.** Buyer's obligations under this Agreement shall be contingent during the Due Diligence Period upon Buyer being satisfied in its sole discretion with the results of its Due Diligence Review. Buyer may deliver to the Company a notice of its election to withdraw from the Transaction and this Agreement ("Termination Notice") at any time prior to or at the expiration of the Due Diligence Period. If no Termination Notice is delivered by Buyer prior to the expiration of the Due Diligence Period, Buyer will be deemed to have waived its right to terminate this Agreement, except for the Company's failure or inability to perform the Company's obligations hereunder, and except for termination in accordance with Section 15.1(c). If Buyer delivers to the Company a Termination Notice at any time prior to the expiration of the Due Diligence Period, or if the Agreement is otherwise terminated under Sections 15.1(a), 15.1(c), 15.1(d), or 15.1(e), then this Agreement at once shall terminate. Buyer's Initial Deposit shall be promptly returned to Buyer by Escrow, less Escrow's charges, and the parties hereto shall be released from all further obligations and liabilities hereunder except with respect to the Surviving Provisions. Sellers may but shall have no obligation under this Agreement, to remedy, cure or resolve any matter identified or disclosed by Buyer's Due Diligence Review.
- 6.4 **Conduct of the Business.** Until the Closing, Sellers will cause the Company to: (a) conduct the Business only in the Ordinary Course of Business; (b) not bid or enter into any new contract for work unless Buyer approves the bid and contract and the counterparty to the contract consents to the assignment of the contract to Buyer at (and contingent upon) Closing; (c) not change its accounting methods; (d) use its best efforts to preserve the Business organization and the Company's relations and goodwill with the Company's customers, suppliers, lessors, creditors, employees, agents, and other business relations; (e) ensure that its books of account and records are complete and accurate in all material respects, represent actual, bona fide transactions, and are maintained in accordance with sound business practices; (f) keep the Tangible Personal Property in good repair and operating condition, reasonable wear and tear and damage from casualty excepted; (g) perform all of the Company's liabilities and obligations under all contracts to which the Company is a party; (h) maintain the insurance coverage under the Company's policies that provide coverage to the Company as of the date of this Agreement; and (i) comply with all applicable laws, judgments, and orders.

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6.5 **Notification.** Until the Closing, Sellers will promptly notify Buyer if the Company and/or Sellers obtain Knowledge of: (a) any material change in the business of the Company; (b) any material adverse change in the financial condition of the Company; (c) any material loss or material damage with respect to any Asset whether or not the loss or damage is covered by insurance; (d) any breach by Sellers of any representation or warranty in Section 4; (e) the occurrence after the date of this Agreement of any fact or condition that would cause Sellers to breach any representation or warranty in Section 4 if the representation or warranty were made as of the date of the occurrence; or (f) any breach by the Company and/or Sellers of any covenant in this Section 6.5.

6.6 **Exclusivity.** Unless this Agreement is terminated:

- (a) Sellers will, and will cause the Company to, negotiate exclusively with Buyer concerning the sale of the Assets or the Shares; and
- (b) Sellers will not, through the Company, any representative or otherwise: (1) provide any information or make any proposal or request to any other Person concerning an acquisition of substantially all of the Assets or the Shares, whether by sale, merger, consolidation, or otherwise; or (2) solicit, discuss, consider, or accept any proposal or request from any other Person concerning such an acquisition.

6.7 **Filings and Notices.** Sellers will, and will cause the Company to, make all filings and give all notices that the Company and/or Sellers are required to make and give to close the Transaction.

6.8 **Consents.** Sellers will, at Sellers' sole cost and expense, use commercially reasonable best efforts to obtain all consents, authorizations, and approvals that the Company and/or Sellers are required to obtain to close the Transaction and to assign the Assumed Contracts to Buyer. Sellers will cooperate with Buyer with respect to all consents, authorizations, and approvals that Buyer is required to obtain to close the Transaction and to conduct business immediately after the Transaction.

6.9 **Conditions.** Sellers will use their commercially reasonable efforts to cause the conditions in Section 8 to be satisfied.

#### **SECTION 7 COVENANTS OF BUYER BEFORE CLOSING**

Buyer covenants to Sellers as follows:

7.1 **Filings and Notices.** Buyer will make all filings and give all notices that Buyer is required to make and give to close the Transaction. Buyer will cooperate with Sellers with respect to all filings and notices that the Company and/or Sellers are required to make and give to close the Transaction.

7.2 **Consents.** Buyer will use Buyer's commercially reasonable best efforts to obtain all consents, authorizations, and approvals that Buyer is required to obtain to close the Transaction. Buyer will cooperate with Sellers with respect to all consents, authorizations, and approvals that the Company and/or Sellers are required to obtain to close the Transaction.

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7.3 **Conditions.** Buyer will use Buyer's commercially reasonable efforts to cause the conditions in Section 9 to be satisfied.

#### **SECTION 8 CONDITIONS TO BUYER'S CLOSING OBLIGATIONS**

Buyer's obligation to close the Transaction is subject to the satisfaction of the following conditions:

8.1 **Accuracy of Representations and Warranties.** The representations and warranties of Sellers contained in this Agreement shall be true and correct in all respects (in the case of any representation or warranty qualified by materiality) or in all material respects (in the case of any other representation or warranty not qualified by materiality) on and as of the date hereof and on and as of the Closing Date with the same effect as though made at and as of such date (except those representations and warranties that address matters only as of a specified date, the accuracy of which shall be determined as of that specified date in all respects).

8.2 **Performance of Covenants.** Sellers must have performed and complied with all Sellers' covenants in Section 6 in all material respects.

8.3 **Closing Documents.** Sellers must have caused the following items to be delivered to Buyer:

- (a) the items set forth in Section 10.2;
- (b) for each Lien on an Asset that is not a Permitted Closing Encumbrance, a release from the applicable secured party;

- (c) certificates of good standing from the Secretary of State of the State of Delaware and the Department of Commerce and Consumer Affairs of the State of Hawaii dated not earlier than ten (10) days before the Closing Date, certifying as to the authority or good standing of the Company, or the Company's registration to do business in the applicable State;

- (d) a tax status certificate from the Hawaii Department of Taxation dated not earlier than fifteen (15) days before the Closing Date, certifying that the Company has paid all applicable Hawaii taxes;
- (e) the Closing Inventory List; and
- (f) any other documents that Buyer may reasonably request to evidence: (1) the accuracy of Sellers' representations and warranties in Section 4; (2) Sellers' performance of and compliance with Sellers covenants in Section 6; or (3) the satisfaction of any condition in this Section 8.

- 8.4 **Consents.** The consents, authorizations, and approvals set forth on Schedule 8.4 must have been obtained by Sellers at Sellers' sole cost and expense.
- 8.5 **No Legal Proceedings.** No Litigation must be pending or have been threatened against the Company, Sellers or Buyer that: (a) involves any challenge to or seeks any damages or other relief in connection with the Transaction; or (b) may have the effect of prohibiting, delaying, or imposing material limitations or conditions on the Closing.
- 8.6 **No Conflict.** The Closing must not violate any law, judgment, or order to which Buyer, the Company or Sellers is subject. No judgment or order of any governmental authority or arbitrator must be in effect as of the Closing Date that prohibits the Closing.

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- 8.7 **Due Diligence.** Buyer must have completed, to Buyer's satisfaction, its Due Diligence Review of the Company, the Business, the Assets and Assumed Contracts. Buyer may, in its sole discretion and at any time prior to the expiration of the Due Diligence Period, elect to exclude any assets from the Assets to be purchased at Closing if Buyer determines that the assets have no value to Buyer. Prior to the expiration of the Due Diligence Period, Buyer will provide Sellers with a detailed list of all assets to be included with the Excluded Assets; provided that Sellers shall have no obligation to reduce the Purchase Price for the Shares by the value of such additional Excluded Assets.
  - 8.8 **No Material Adverse Change.** No material adverse change to the Business (including the Assets) shall have occurred since the date of this Agreement. A material adverse change may include, but is not limited to, any material change in business prospects, customers, vendors, or sales pipeline due to a pandemic, including the COVID-19 virus and any mutation thereof, and the action of any governmental authorities in response thereto.

- 8.9 [Redacted]

- 8.10 **Disclosure Schedules.** Sellers must have delivered all disclosure schedules to this Agreement.

#### **SECTION 9 CONDITIONS TO SELLERS' CLOSING OBLIGATIONS**

Sellers' obligations to close the Transaction are subject to the satisfaction of the following conditions:

- 9.1 **Accuracy of Representations and Warranties.** The representations and warranties of Buyer contained in this Agreement shall be true and correct in all respects (in the case of any representation or warranty qualified by materiality) or in all material respects (in the case of any representation or warranty not qualified by materiality) on and as of the date hereof and on and as of the Closing Date with the same effect as though made at and as of such date (except those representations and warranties that address matters only as of a specified date, the accuracy of which shall be determined as of that specified date in all respects).
- 9.2 **Performance of Covenants.** Buyer must have performed and complied with each of Buyer's covenants in Section 7 in all material respects.
- 9.3 **Closing Documents.** Buyer must have caused the following items to be delivered to Sellers:
  - (a) the items set forth in Section 10.3;
  - (b) any other documents that Sellers may reasonably request to evidence: (1) the accuracy of Buyer's representations and warranties in Section 5; (2) Buyer's performance of and compliance with Buyer's covenants in Section 7; or (3) the satisfaction of any condition in this Section 9.
- 9.4 **No Conflict.** The Closing must not violate any law, judgment, or order to which Buyer, the Company or Sellers are subject. No judgment or order of any governmental authority or arbitrator must be in effect as of the Closing Date that prohibits the Closing.
- 9.5 **Contracts.** Buyer has agreed to assume and perform all of the contracts listed in Schedule 4.16.

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## SECTION 10 CLOSING

- 10.1 **Closing.** The Closing will take place at the offices of Escrow on February 29, 2024, or at such other place or time that the parties may mutually agree upon.
- 10.2 **Obligations of Sellers.** Sellers will deliver the following items to Buyer at the Closing:
- (a) the certificates representing the Shares duly endorsed (or accompanied by duly executed stock powers), for transfer to the Buyer;
  - (b) the Escrow Agreement signed by Sellers;
  - (c) a certificate signed by Sellers certifying to Buyer that: (1) the representations and warranties of Sellers contained in this Agreement, are true and correct in all respects (in the case of any representation or warranty qualified by materiality) or in all material respects (in the case of any other representation or warranty not qualified by materiality) on and as of the Closing Date; and (2) Sellers have performed and complied with each of the covenants set forth in Section 6 in all material respects;
  - (d) all Consents required to be obtained from or provided to third-Persons necessary for the consummation of the Transaction, including, but without limitation, all Governmental Approvals
  - (e) a duly executed FIRPTA Certificate;
  - (f) if not previously delivered, the Seller will deliver to the Buyer the Closing Date Estimate of Prorated Items, and the Closing Inventory List;
  - (g) those directors and officers of the Company whose resignations are requested by the Buyer pursuant to Section 4.32, if any, to submit such resignations to the Buyer;
  - (h) possession of the Assets.
- 10.3 **Obligations of Buyer.** Buyer will deliver the following items to Sellers at the Closing:
- (a) a wire transfer by Buyer to Escrow Agent for \$1,800,000.00;
  - (b) the Escrow Agreement signed by Buyer;
  - (c) a wire transfer or check signed by Buyer for prorated expenses with respect to the Assets and the Assumed Contracts if applicable, to the extent that the prorations can be made at the Closing; and
  - (d) a certificate signed by Buyer certifying to Sellers that: (1) the representations and warranties of Buyer contained in this Agreement are true and correct in all respects; and (2) Buyer has performed and complied with each of the covenants set forth in Section 7 in all material respects.

- 10.4 **Failure of Closing.** In the event that the Closing does not occur for any reason other than Buyer's default under this Agreement, Escrow, unless it is notified by Sellers to the contrary within five (5) days after Buyer request for the return of Buyer's Initial Deposit, will return Buyer's Initial Deposit to Buyer.

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## SECTION 11 COVENANTS OF SELLERS AFTER CLOSING

Sellers jointly and severally covenant to Buyer as follows:

- 11.1 **Excluded Liabilities.** Except to the extent the same are paid by the Company pursuant to Section 2.3(e)(2), Sellers will pay and perform the Excluded Liabilities in their entirety, provided that Sellers will have the right to contest and compromise any Excluded Liability in Sellers' reasonable discretion and without cost to Buyer or the Company.
- 11.2 **Employees.** Sellers will pay all of the Company's liabilities and obligations to each Company employee arising out or resulting from the employee's service as an employee of the Company up to the Closing Date, including, but not limited to, all wages, commissions, bonuses and Accrued Leave Benefit Amounts.
- 11.3 **Business Relations.** For a period of two (2) years after the Closing, Sellers will cooperate with Buyer in Buyer's efforts to preserve the Company's relations and goodwill with its customers, suppliers, lessors, creditors, employees, agents, and other business relations of the Company that existed before the Closing.
- 11.4 **Business Referrals.** For a period of two (2) years after the Closing, Sellers will refer to Buyer all customer and supplier inquiries that Sellers receive in connection with the Business.
- 11.5 **No Disparagement.** After the Closing, Sellers will make any disparaging statements about Buyer, the Company, the Business, the Assets, or any present or future shareholder, director, member, manager, partner, officer, or authorized representative of the Company or Buyer.
- 11.6 **Bonding.** Sellers perform such acts and provide such assurances as may be required to keep and maintain all bonds pertaining to the Assumed Contracts that are in place as of the date of this Agreement (including the Company's surety bond, payment bond, performance bond, and maintenance/ warranty bond) –together with all corresponding bond indemnities—in full force and effect until such time that all project work is completed under the Assumed Contracts.
- 11.7 **Delivery of Documents.** At the Closing, Sellers will deliver to the Buyer all documents relating to the Shares, the Business, and the Assets, and the current and proposed operations of the Business, including, without limitation, all Corporate Records, files relating to the Assumed Contracts, and any information or data relating to the operation of the Business or the Assets stored on computer disks and any electronic media, including computers.
- 11.8 **Further Assurances.** At any time at the reasonable request of Buyer, Sellers promptly will execute, acknowledge, and deliver or cause to be executed, acknowledged, and delivered to Buyer such instruments of transfer, assignment, and conveyance, and other documents, in form and substance reasonably satisfactory to Buyer, as will be necessary to vest in, or assure, Buyer all right, title, and interest in and to the Shares, free and clear of all Liens, and will use commercially reasonable efforts to cause to be taken such other action as Buyer at any time reasonably may require to more effectively implement and carry into effect the Transaction.

11.9 **General Waiver and Release.** Effective as of the Closing Date, Sellers, on the Sellers' behalf and on behalf of their successors and assigns (collectively, the "Seller Releasing Parties"), unconditionally and irrevocably release, waive, and forever discharge the Company from any and all claims, rights to indemnity, demands, judgments, causes of action, and liabilities of any nature whatsoever, whether known or unknown, suspected or claimed, arising directly or indirectly from any action, omission, event, or transaction occurring on or prior to the Closing Date, which, for the avoidance of doubt, includes any and all claims of breach and causes of action based on alleged breach and associated liabilities arising out of or relating to any commercial arrangement or agreement between Sellers and the Company entered into prior to the Closing, but excluding Sellers' claims and rights expressly set forth in this Agreement or any other Transaction documents. Without limiting the foregoing, Sellers expressly waive and relinquish all rights afforded by any applicable law that limits in any manner the release set forth in this [Section 11.9](#). Sellers represent and warrant to Buyer that (a) there are no Liens, or claims of Lien, or assignments in law or equity or otherwise against any of the claims or causes of action released herein, (b) Sellers have not transferred any such claims or causes of action to any Person, and (c) Sellers are fully authorized and entitled to give the releases specified in this [Section 11.9](#).

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11.10 **Post-Closing Accounting Costs.** Sellers agree to reimburse Buyer for fifty percent (50%) of the Company's accounting costs incurred during the True-Up Period.

#### **SECTION 12 COVENANTS OF BUYER AFTER CLOSING**

Buyer covenants to Sellers as follows:

- 12.1 **Assumed Contracts.** After the Closing, Buyer (through its acquisition of the Company) will assume and perform the Assumed Contracts in their entirety in accordance with the terms thereof, provided that Buyer will have the right to contest and compromise any Assumed Contract obligation in Buyer's reasonable discretion and without cost to Sellers.
- 12.2 **Employee Matters.** Buyer intends to cause the Company to continue employment for all, or substantially all, employees of the Company who are engaged in the Business on terms substantially similar to those under which such employees are currently engaged; provided, that, after the Closing, Buyer may cause the Company to only offer the Company's employees those benefits that are customarily provided by Buyer and its affiliates to similarly situated employees of Buyer and its affiliates. The parties do not intend to create any third-Person beneficiary rights respecting any employee of the Company as a result of the provisions of this Agreement and specifically hereby negate any such intention.
- 12.3 **Records.** Buyer will retain the Company data and records included in the Assets for a period of three (3) years after the Closing Date. During the three-year period and upon reasonable advance notice from Sellers, Buyer will, during Buyer's regular business hours and in a manner that does not unreasonably interfere with the operation of Buyer's business, afford the notifying party and its representatives reasonable access to the Company data and records included in the Assets.

#### **SECTION 13 OTHER COVENANTS**

- 13.1 **Noncompetition.** The Noncompetition, Non-Solicitation and Confidentiality Provisions attached as [Appendix B](#) are incorporated by reference into this [Section 13](#).

#### **SECTION 14 INDEMNIFICATION**

- 14.1 **Survival.** Unless otherwise specified in this Agreement, all representations, warranties, covenants and obligations in this Agreement except Fundamental Representations will survive the Closing for the longer of twenty-four (24) months or the full and final resolution of any applicable Litigation, i.e., any Litigation which will determine whether Seller has breached any representation, warranty, covenant, or obligation, and/or the damages resulting from any such breach. Fundamental Representations will survive the Closing until sixty (60) days following the later of the expiration of the applicable statute of limitations or the full and final resolution of any applicable Litigation.

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- 14.2 **Indemnification by Sellers.** If the Closing occurs, and subject to the provisions of this [Section 14](#), Sellers will jointly and severally defend and indemnify Buyer and each present and future shareholder, director, member, manager, partner, officer, authorized representative, and affiliate of Buyer (collectively, the "Buyer Indemnified Parties") for, from, and against any and all claims, actions, proceedings, damages, losses, liabilities, and expenses of every kind, whether known or unknown, including, but not limited to, reasonable attorney's fees, resulting from or arising out of:

- (a) any breach of any representation or warranty made by Sellers in this Agreement or any other Transaction document;
- (b) any breach by Sellers of any covenant or obligation of Sellers in this Agreement or any other Transaction document;
- (c) any Excluded Assets; and
- (d) any Excluded Liabilities.

#### **14.3 Limitations on Sellers' Liability.**

- (a) If the Closing occurs, and subject to Section 14.5, Sellers will have no liability to Buyer or any other Person for indemnification or otherwise with respect to:
  - (1) Any claim that arises out of or results from a breach of any representation or warranty or a breach of a covenant or other agreement set forth in this Agreement or any other Transaction document, unless Buyer gives Sellers prompt notice of the claim and specifies in reasonable detail the facts giving rise to the claim within the survival period described in Section 14.1.
  - (2) Any claim that arises out of or results from a breach of any representation or warranty in this Agreement or any other Transaction document, unless the aggregate liability for all claims exceeds \$50,000, in which event Sellers will be required to pay or be liable for all of the losses, except (and notwithstanding the foregoing limitation) that there will be no such threshold amount with respect to any losses suffered by the Buyer Indemnified Parties that are attributable to intentional misrepresentations, intentional concealment of a material matter, or to fraudulent or intentionally wrongful actions or omissions on the part of Sellers.
  - (3) Any claim that arises out of or results from a breach of any representation or warranty in this Agreement or any Transactional document to the extent that Sellers' aggregate liability for all such claims exceeds \$1,000,000, except (and notwithstanding the foregoing limitation) that there will be no limit to the amount of indemnifiable damages for which Sellers will be responsible to Buyer Indemnified Parties to the extent all or any portion of the losses suffered by the Buyer Indemnified Parties are attributable to intentional misrepresentations, intentional concealment of a material matter, or to fraudulent actions or omissions on the part of Sellers.
- (b) The limitations on Sellers' liability in this Section 14.3 shall not apply with respect to any claim by Buyer Indemnified Parties related to any Excluded Asset or Sellers' failure to pay or perform any Excluded Liability.

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#### **14.4 Buyer's Indemnification.** If the Closing occurs, and subject to the provisions of this Section 14, Buyer will defend and indemnify Sellers, and each present and future shareholder, director, member, manager, partner, officer, authorized representative, and affiliate of Sellers (collectively, the "Sellers Indemnified Parties") for, from, and against any and all claims, actions, proceedings, damages, losses, liabilities, and expenses of every kind, whether known or unknown, including, but not limited to, reasonable attorney's fees, resulting from or arising out of:

- (a) any breach of any representation or warranty made by Buyer in this Agreement or any other Transaction document
- (b) any breach by Buyer of any covenant or obligation of Sellers in this Agreement or any other Transaction document; or
- (c) any Assumed Contract (except to the extent such claim relates to an Excluded Asset or Excluded Liability).

#### **14.5 Limitations on Buyer's Liability.**

- (a) If the Closing occurs, and subject to Section 14.5(b), Buyer will have no liability to Sellers, or any other Person for indemnification or otherwise with respect to:
  - (1) Any claim that arises out of or results from a breach of any representation or warranty or a breach of a covenant or other agreement set forth in this Agreement or any other Transaction document, unless Sellers give Buyer prompt notice of the claim and specifies in reasonable detail the facts giving rise to the claim within the survival period described in Section 14.1.
  - (2) Any claim that arises out of or results from a breach of any representation or warranty in this Agreement or any other Transaction document, unless the aggregate liability for all claims exceeds \$50,000, in which event Buyer will be required to pay or be liable for all of the losses, except (and notwithstanding the foregoing limitation) that there will be no such threshold amount with respect to any losses suffered by the Sellers' Indemnified Parties that are attributable to intentional misrepresentations, intentional concealment of a material matter, or to fraudulent or intentionally wrongful actions or omissions on the part of Buyer.
  - (3) Any claim that arises out of or results from a breach of any representation or warranty in this Agreement or any Transactional document to the extent that Buyer's aggregate liability for all such claims exceeds \$1,000,000, except (and notwithstanding the foregoing limitation) that there will be no limit to the amount of indemnifiable damages for which Buyer will be responsible to Sellers' Indemnified Parties to the extent all or any portion of the losses suffered by Sellers' Indemnified Parties are attributable to intentional misrepresentations, intentional concealment of a material matter, or to fraudulent actions or omissions on the part of Buyer.
- (b) The limitations on Buyer's liability in this Section 14.5 will not apply with respect to a claim that arises out of or results from Buyer's failure to pay or perform any Assumed Contract.

#### **14.6 Direct Claims.** If an Indemnified Person notifies an Indemnifying Party of a direct claim by the Indemnified Person for which the Indemnifying Party has liability under this Section 14, the Indemnifying Party will pay the claim – or cause the claim to be paid – within thirty (30) days after the delivery of the Indemnified Person's notice.

#### 14.7 Third-Party Claims.

- (a) If an Indemnified Person receives a written claim by a third party that is subject to the indemnification provisions in this [Section 14](#), the Indemnified Person will promptly notify the Indemnifying Party of the claim. The notice will include a copy of all correspondence relating to the claim that the Indemnified Person received from the third party.
- (b) The Indemnifying Party may elect to control the defense of the third-party claim by notifying the Indemnified Person within thirty (30) days after the delivery of the Indemnified Person's notice.
- (c) The Indemnified Person may object to the Indemnifying Party's election to control the defense of the third-party claim by notifying the Indemnifying Party within ten (10) days after the delivery of the Indemnifying Party's notice, but only if: (1) the Indemnified Person reasonably determines that the Indemnifying Party does not have the financial ability to diligently defend the claim; (2) the claim is also made against the Indemnifying Party and the Indemnified Person reasonably determines that joint representation of the Indemnifying Party and the Indemnified Person would be inappropriate; or (3) the Indemnified Person reasonably determines that the claim may result in non-monetary damages that may materially and adversely affect the Indemnified Person.
- (d) If the Indemnifying Party elects to control the defense of the third-party claim and the Indemnified Person does not object (or is not permitted to object under [Section 14.7\(c\)](#) above) to the election:
  - (1) the Indemnifying Party will control the defense of the claim and diligently defend the claim, with counsel reasonably satisfactory to the Indemnified Person;
  - (2) the Indemnified Person may participate in the defense of the claim, at the Indemnified Person's own cost and expense; and
  - (3) the Indemnifying Party may settle the claim:
    - (A) with the consent of the Indemnified Person, which the Indemnified Person may not withhold unreasonably; or
    - (B) without the consent of the Indemnified Person, but only if: (i) the settlement does not contain any finding of any violation by the Indemnified Person of any applicable law or any right of any Person; (ii) the settlement expressly states that the Indemnified Person is not admitting to any such violation; and (iii) the only relief provided in the settlement is for monetary damages that are – subject to the provisions of this [Section 14](#) – paid in full by the Indemnifying Party.
  - (e) If the Indemnifying Party does not elect to control the defense of the third-party claim, or if the Indemnifying Party elects to control the defense of the claim and the Indemnified Person objects to the election under [Section 14.7\(c\)](#):
  - (1) the Indemnified Person will control the defense of the claim and diligently defend the claim, with counsel reasonably satisfactory to the Indemnifying Party;

- (2) the Indemnifying Party may participate in the defense of the claim, at the Indemnifying Party's own cost and expense; and
- (3) the Indemnified Person may settle the claim:
  - (A) with the consent of the Indemnifying Party, which the Indemnifying Party may not withhold unreasonably; or
  - (B) without the consent of the Indemnifying Party, but only if: (i) the settlement does not contain any finding of any violation by the Indemnifying Party of any applicable law or any right of any Person; (ii) the settlement expressly states that the Indemnifying Party is not admitting to any such violation; and (iii) the only relief provided in the settlement is for monetary damages.
- (f) In any third-party claim that is subject to the indemnification provisions in this [Section 14](#), the Indemnifying Party and the Indemnified Person will: (1) keep each other fully informed of the status of the claim; (2) cooperate with each other with respect to the defense of the claim; and (3) attempt to preserve in full any attorney-client and work-product privileges and the confidentiality of any confidential information.

#### 14.8 Additional Indemnification Provisions.

- (a) Payments by an Indemnifying Party pursuant to Section 14.3 or 14.5 shall be limited to the amount of any loss, liability or damage that remains after deducting therefrom any insurance proceeds and any indemnity, contribution, or other similar payment received by the Indemnified Person in respect of any such claim. The Indemnified Person shall use its commercially reasonable efforts to pursue recovery under existing insurance policies or indemnity, contribution, or other similar agreements for any losses, but shall not be required to exhaust such recovery efforts prior to seeking indemnification under this Agreement.
- (b) In no event shall any Indemnifying Party be liable to any Indemnified Person for any punitive damages except to the extent actually awarded to a governmental authority or other third Person.
- (c) Escrow Holdback. Sellers' obligation to make any indemnification payment to an Indemnified Person under this Section 14 will first be satisfied from the Escrow Holdback Account and if the obligation cannot be satisfied from that account, the obligation shall be satisfied by Sellers.

#### 14.9 Sole and Exclusive Remedy.

If the Closing occurs, the indemnification provisions in this Section 14 will be the sole and exclusive remedy available to an Indemnified Person with respect to any claim that arises out of or results from a breach of any representation or warranty in Section 4 or Section 5 or a breach of any covenant in Section 6 or Section 7 (other than claims arising from fraud, criminal activity, or willful misconduct on the part of a party hereto in connection with the Transaction). Nothing in this paragraph limits any Person's right to seek and obtain any equitable relief to which any Person shall be entitled or to seek any remedy on account of any party's fraudulent, criminal, or willful misconduct.

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### SECTION 15 TERMINATION

#### 15.1 Termination.

This Agreement will terminate upon the earliest to occur of the following:

- (a) upon the written agreement of Buyer and Sellers before the Closing;
- (b) upon notice by Buyer to Sellers before the expiration of the Due Diligence Period if Buyer elects, in Buyer's sole discretion, to withdraw from the Transaction and terminate the Agreement pursuant to Section 6.3 above.
- (c) upon notice by Buyer to Sellers before the Closing if:
  - (1) any condition set forth in Section 8 has not been satisfied or waived by the date set forth in Section 10.1, unless the satisfaction of the condition did not occur because Buyer materially breached this Agreement;
  - (2) the satisfaction of any condition set forth in Section 8 by the Closing Date set forth in Section 10.1 becomes impossible or commercially impracticable, unless the satisfaction of the condition became impossible or commercially impracticable because Buyer materially breached this Agreement; or
  - (3) the Closing has not occurred by the Drop-Dead Date, unless the Closing has not occurred because Buyer materially breached this Agreement;
- (d) upon notice by Sellers to Buyer before the Closing, if:
  - (1) any condition set forth in Section 9 has not been satisfied or waived by the Closing Date set forth in Section 10.1, unless the satisfaction of the condition did not occur because Sellers materially breached this Agreement;
  - (2) the satisfaction of any condition set forth in Section 9 by the Closing Date set forth in Section 10.1 becomes impossible or commercially impracticable, unless the satisfaction of the condition became impossible or commercially impracticable because Sellers materially breached this Agreement; or
  - (3) the Closing has not occurred by the Drop-Dead Date, unless the Closing has not occurred because Sellers materially breached this Agreement;
  - (e) upon notice by Buyer to Sellers before the Closing, if Sellers materially breach this Agreement and fails to cure the breach within five (5) days after Buyer notifies Sellers of the breach; and
  - (f) upon notice by Sellers to Buyer before the Closing, if Buyer materially breaches this Agreement and fails to cure the breach within five (5) days after Sellers notify Buyer of the breach.

#### 15.2 Effect of Termination.

If this Agreement is terminated under Section 15.1: (a) the Surviving Provisions will survive the termination of this Agreement; and (b) all obligations of the parties under this Agreement will terminate, except that the obligations of the parties under the Surviving Provisions will survive the termination of this Agreement.

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**15.3 Sole and Exclusive Remedies.** If this Agreement is terminated under Section 15.1(a), Section 15.1(b), Section 15.1(c), or Section 15.1(d) no party will be liable to any other party for a breach of this Agreement or otherwise, except that the parties will be liable for breaches of the Surviving Provisions, regardless of whether such breaches occur before or after the termination of this Agreement. If Sellers terminate this Agreement under Section 15.1(f), Sellers shall have the right, as Sellers' sole and exclusive remedy to retain the Initial Deposit as liquidated damages. Said amount represents agreed liquidated damages and not a penalty against Buyer. Sellers shall have no claim against Buyer for additional monetary damages of any nature or kind and hereby waive Sellers' right to any claim against Buyer for additional monetary damages of any nature or kind. In the event that Buyer is ready, willing and able to perform its obligations under this Agreement on the Closing Date and the sale is not consummated as a result of Sellers' material default, Buyer shall have the right, as Buyer's sole and exclusive remedies, to either (a) enforce performance of this Agreement against Sellers consistent with the terms of the Agreement, in which case Buyer shall waive any claim for damages or other remedy against Sellers other than Buyer's rights and remedies under Section 14 or (b) terminate this Agreement by written notice to Sellers prior to or on the Closing Date, at which time all deposits in Escrow shall be returned to Buyer and Sellers shall reimburse Buyer its third party due diligence, including attorneys' fees, expenses as confirmed by written invoices and receipts evidencing such expenses in an amount not to exceed ONE HUNDRED THOUSAND AND NO/100 DOLLARS (\$100,000.00) in the aggregate. Buyer shall have no claim for additional monetary damages of any nature or kind other than for breach of the Surviving Provisions.

## **SECTION 16 ANNOUNCEMENTS**

Sellers and Buyer will consult and cooperate with each other concerning the timing and manner of the announcements of the Transaction to the Company's employees, customers, suppliers, and other business relations. Upon Buyer's request, Sellers will permit Buyer to be present at any such announcement. Any public announcements with respect to the Transaction or this Agreement will be made, if at all, at such time and in such manner as Buyer and Sellers determine. As a publicly traded company, Seller Barnwell Industries will be required to timely file a description of the Transaction with the SEC.

## **SECTION 17 EXPENSES**

Except as otherwise provided in this Agreement, each party will bear the party's own fees, costs, and expenses incurred in connection with the Transaction, including, but not limited to, the preparation, negotiation, signing, and performance of this Agreement and the other agreements and documents relating to the Transaction.

## **SECTION 18 GENERAL**

**18.1 Time of Essence.** Time is of the essence with respect to all dates and time periods in this Agreement.

**18.2 No Assignment.** No party may assign or delegate any of the party's rights or obligations under this Agreement to any Person without the prior written consent of the other parties, which the other parties may not withhold unreasonably; provided, however, that Buyer may assign this Agreement to any affiliate of Buyer, with prior written notice to Sellers. Buyer may also assign its rights and obligations under this Agreement to a special purpose entity of which one or more of Buyer's principals owns a majority interest, without Seller's consent. In that event, all representations, warranties, covenants, and obligations made by Buyer pursuant to this Agreement shall be deemed made by, and binding upon, Buyer's assignee, and Buyer shall have no further obligations under this Agreement.

**18.3 Binding Effect.** This Agreement will be binding on the parties and their respective heirs, personal representatives, successors, and permitted assigns, and will inure to their benefit.

**18.4 Amendment.** This Agreement may be amended only by a written agreement signed by each party.

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**18.5 Notices.** All notices or other communications required or permitted by this Agreement: (a) must be in writing; (b) must be delivered to the parties at the addresses set forth below, or any other address that a party may designate by notice to the other parties; and (c) are considered delivered (1) upon actual receipt if delivered personally, by fax, or by a nationally recognized overnight delivery service, (2) when sent, if sent by email, if the recipient confirms receipt by reply email or other reasonable means, or (3) at the end of the third business day after the date of deposit in the United States mail, postage pre-paid, certified, return receipt requested.

### To Buyer:

West Maui Construction, Inc.  
35 Lunalilo Street, Unit 400  
Wailuku, Hawaii 96793  
Email: [joshua@wmcinc.com](mailto:joshua@wmcinc.com)  
Attn: Joshua Dean

### To Sellers:

Barnwell of Canada Limited  
Barnwell Industries, Inc.  
1100 Alakea Street, Suite 500  
Honolulu, HI 96813  
Email: [rmg@brninc.com](mailto:rmg@brninc.com)  
Attn: Russell M. Gifford

With a copy to:

Cades Schutte LLP  
1000 Bishop Street, Suite 1200  
Honolulu, Hawaii 96813  
Fax: 808.540.9210  
Email: [wmorrison@cades.com](mailto:wmorrison@cades.com)  
Attn: William Morrison

With a copy to:

Ashford & Wriston LLP  
999 Bishop St., Ste. 1400  
Honolulu, HI 96813  
Fax: 808-539-4945  
Email: [cshaw@awlaw.com](mailto:cshaw@awlaw.com)  
Attn: Cuyler Shaw

18.6 **Waiver.** No waiver will be binding on a party unless it is in writing and signed by the party making the waiver. A party's waiver of a breach of a provision of this Agreement will not be a waiver of any other provision or a waiver of a subsequent breach of the same provision.

18.7 **Severability.** If a provision of this Agreement is determined to be unenforceable in any respect, the enforceability of the provision in any other respect and of the remaining provisions of this Agreement will not be impaired.

18.8 **Further Assurances.** The parties will sign other documents and take other actions reasonably necessary to further effect and evidence this Agreement.

18.9 **No Third-Party Beneficiaries.** The parties do not intend to confer any right or remedy on any third party other than those Persons entitled to indemnification under [Section 14](#).

18.10 **Attachments.** Any exhibits, schedules, and other attachments referenced in this Agreement are part of this Agreement.

18.11 **Governing Law.** This Agreement is governed by the laws of the State of Hawaii, without giving effect to any conflict-of-law principle that would result in the laws of any other jurisdiction governing this Agreement.

18.12 **Venue.** Any action or proceeding arising out of this Agreement will be litigated in courts located in Oahu, Hawaii. Each party consents and submits to the jurisdiction of any local, state, or federal court located in Oahu, Hawaii. As a condition precedent to Litigation, dispute or controversy which arises out of this Agreement shall be submitted to mediation which shall be administered by Dispute Prevention & Resolution, Inc. in Honolulu, Hawaii. Each party shall participate in mediation in good faith. Each party shall bear its own costs, expenses, and fees of mediation, including its attorneys' fees and its share of mediator's fees.

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18.13 **Dispute Resolution for Certain Disputes.** The parties have determined that certain disputed issues between or among them should be resolved through an alternative dispute resolution process rather than through litigation. Accordingly, Buyer and Sellers agree that any disputes among them related to (a) the True-Up regarding Excluded Assets and Excluded Liabilities under [Section 2.3\(c\)](#); (b) the determination of Prorated Items under [Section 2.3\(d\)](#); and (c) the determination of the Look-Back Adjustment under [Section 3.4\(b\)](#) shall be resolved pursuant to this [Section 18.13](#). Before proceeding with the processes described below, the parties, in good faith, will attempt to resolve the dispute. If, however, such efforts are unsuccessful, the dispute promptly shall be submitted to mediation administered by Dispute Prevention & Resolution, Inc. ("DPR"), with the objective of reaching a resolution of the dispute within forty-five (45) days following the appointment of the mediator of such dispute. If the dispute remains unresolved after submission to mediation, either party may then initiate arbitration and the dispute will then be resolved exclusively by arbitration administered by DPR, and judgment upon the award rendered by the arbitrator may be entered in any court having jurisdiction thereof pursuant to applicable law. Any such mediation and/or arbitration shall be administered in Honolulu, Hawaii. Disputes submitted to arbitration will be resolved by a single arbitrator. Prior to the commencement of hearings, any arbitrator appointed shall provide an oath or undertaking of impartiality. Each party shall bear its own costs and expenses in connection with any mediation and/or arbitration conducted pursuant to this [Section 18.13](#), but the arbitrator, at its discretion, may award costs (including reasonable attorneys' fees) to the prevailing party in any arbitration. This provision for alternative dispute resolution is intended only to provide for resolution of the types of disputes described in this [Section 18.13](#) and will not have any effect on the right of any party to pursue any other rights available to such party with respect to any breach or other matter arising under this Agreement or any other Transaction document.

18.14 **Attorney's Fees.** If any arbitration or litigation is instituted to interpret, enforce, or rescind this Agreement, including, but not limited to, any proceeding brought under the United States Bankruptcy Code, the prevailing party on a claim will be entitled to recover with respect to the claim, in addition to any other relief awarded, the prevailing party's reasonable attorney's fees and other fees, costs, and expenses of every kind incurred in connection with the arbitration, the litigation, any appeal or petition for review, the collection of any award, or the enforcement of any order, as determined by the arbitrator or court.

18.15 **Entire Agreement.** This Agreement contains the entire understanding of the parties regarding the subject matter of this Agreement and supersedes all prior and contemporaneous negotiations and agreements, whether written or oral, between the parties with respect to the subject matter of this Agreement, including the letter of intent between the parties dated May 25, 2023.

18.16 **Signatures.** This Agreement may be signed in counterparts. An email transmission of a signed signature page will be considered an original signature page. At the request of a party, each other party will confirm an email-transmitted signature page by delivering an original signature page to the requesting party.

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IN WITNESS WHEREOF, this Agreement has been signed by each of the parties hereto and signed by an authorized officer of each of said parties effective as of the Effective Date

**Buyer:**

West Maui Construction, Inc.

By: /s/ Joshua Dean  
Name: Joshua Dean  
Its: President

**Sellers:**

Barnwell of Canada, Limited

By: /s/ Alexander C. Kinzler  
Name: Alexander C. Kinzler  
Its: Chief Executive Officer

Barnwell Industries, Inc.

By: /s/ Alexander C. Kinzler  
Name: Alexander C. Kinzler  
Its: Chief Executive Officer and President

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**APPENDIX A**  
**Definitions**

"Accounts Receivable" means the accounts receivable of the Company reflected on the Current Financials or arising in the Ordinary Course of Business of the Company after the date of the Current Financials but on or prior to the Closing Date.

"Assets" means the assets described in [Section 2.1](#).

"Benefit Plan" means any "employee benefit plan," as defined in ERISA Section 3(3), including any (a) nonqualified deferred compensation or retirement plan or arrangement that is an Employee Pension Benefit Plan (as defined in ERISA Section 3(2)), (b) qualified defined contribution retirement plan or arrangement that is an Employee Pension Benefit Plan, (c) qualified defined benefit retirement plan or arrangement that is an Employee Pension Benefit Plan (including any Multiemployer Plan, as defined in ERISA Section 3(37)), (d) Employee Welfare Benefit Plan (as defined in ERISA Section 3(1)) or material fringe benefit plan or program, or (e) stock, membership interest, or other equity purchase, stock, membership interest, or other equity option, severance pay, employment, change-of-control, vacation pay, company awards, salary, continuation, sick leave, maternity leave, family leave, excess benefit, bonus, or other incentive compensation, life insurance, or other employee benefit plan, Contract, program, policy, or other arrangement, whether or not subject to ERISA.

**"Closing"** means the closing of the Transaction.

**"Closing Date"** means the date on which the Closing takes place.

**"Closing Inventory List"** means an inventory prepared as of the Closing Date. **"Code"** means the Internal Revenue Code of 1986, as amended.

**"Construction Contracts"** means all of the ongoing construction service contracts of the Company included in the Assumed Contracts and listed as such in [Schedule 4.16](#).

**"Corporate Records"** means all minute books, stock records, membership interest records, and other records of the Company in which the Organizational Documents (including amendments), the minutes of meetings of the managers, directors, or the board of directors, or committees of the managers or board of directors, or other records of actions taken by, or resolutions adopted by, the members, stockholders, managers, or the board of directors, or committees of the managers or board of directors of the Company, and all records of the issuance or cancellation of, or the holders of, shares of capital stock or other Equity Interests of the Company are maintained.

**"Current Financials"** means, collectively, the Financial Statements of the Company set forth in [Schedule 4.5](#).

**"Drop-Dead Date"** means April 30, 2024.

**"Environmental Law"** means any law designed to minimize, prevent, punish, or remedy the consequences of actions that damage or threaten the environment or public health and safety.

**"Fundamental Representations"** means all representations and warranties made by Sellers pursuant to [Sections 4.1, 4.2, 4.3, 4.4, 4.11, 4.25, 4.33, 4.34, 5.1, 5.2, 5.3, and 5.4](#).

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**"ERISA"** means the Employee Retirement Income Security Act of 1974.

**"Hazardous Substance"** means any hazardous or toxic substance, material, or waste, including, but not limited to: (a) any hazardous or toxic substance, material, or waste that is defined as such under any Environmental Law; and (b) petroleum, petroleum products, asbestos, presumed asbestos- containing materials, asbestos-containing materials, urea formaldehyde, and polychlorinated biphenyls.

**"Indemnified Person"** means a Person entitled to indemnity from an Indemnifying Party under [Section 14](#).

**"Indemnifying Party"** means a party obligated to indemnify an Indemnified Person under [Section 14](#).

**"Escrow"** and **"Escrow Agent"** means Title Guaranty Escrow Services, Inc., 235 Queen Street, Honolulu, Hawaii 96813.

**"Escrow Agreement"** means an escrow agreement for Sellers' indemnification obligations under [Section 14](#), and the other duties of Escrow Agent under this Agreement, among Buyer, Seller, and the Escrow Agent, in form and substance reasonably satisfactory to Buyer and Seller, and which will include an escrow period of twenty-four (24) months.

**"Excluded Assets"** means the assets described in [Section 2.3\(a\)](#).

**"Excluded Liabilities"** means the liabilities described in [Section 2.3\(b\)](#).

**"FIRPTA Certificate"** means a certificate in form reasonably satisfactory to Buyer, properly completed and executed by Sellers for the purposes of satisfying the Buyer's obligations under U. S. Treasury Regulations §1.1445-(c)(3)(i).

**"Initial Balance Sheet"** means the balance sheet of the Company dated as of December 31, 2022.

[Redacted]

**"Most Recent Balance Sheet"** means the most recent balance sheet of the Company dated September 30, 2023.

**"Lien"** means any lien, mortgage, pledge, security interest, encumbrance, adverse claim, title defect, title retention agreement, voting trust agreement, property settlement or marital dissolution agreement, preemptive right, right of first refusal, or other interest, equity, option, restriction, or charge of any kind.

**"Litigation"** means any action, arbitration, audit, hearing, investigation, litigation, suit, claim (including bond claim), or other legal proceeding.

**"Ordinary Course of Business"** means an action taken by a Person if (and only if): (a) such action is consistent with the past practices of such Person and is taken in the ordinary course of the normal day- to-day operations of such Person; (b) such action is not required to be authorized by the board of directors of such Person (or by any Person or group of Persons exercising similar authority); and (c) such action is similar in nature and magnitude to actions customarily taken without any authorization by the board of directors of such Person (or by any Person or group of Persons exercising similar authority), in operations of other Persons that are in the same line of business as such Person.

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**"Organizational Documents"** means, as to any Person that is an entity, (a) the articles of incorporation, certificate of incorporation, or certificate of formation, and bylaws of such Person, if such Person is a corporation, (b) the articles of organization, certificate of organization, or certificate of formation, and the operating agreement or company agreement, if such Person is a limited liability company, (c) the certificate of limited partnership or certificate of formation and agreement of limited partnership of such Person, if such Person is a limited partnership, (d) the agreement of partnership of such Person, if such Person is a general partnership, or (e) the organizational documents of any other entity, and any amendments thereto.

**"Person"** means any natural person, firm, corporation, limited liability company, partnership, joint venture, association, trust, governmental authority, or other legal entity.

**"Permitted Closing Encumbrance"** means: (a) any Lien arising by operation of law for taxes, assessments, or government charges not yet due; (b) any statutory Lien for services or materials arising in the Ordinary Course of Business for which payment is not yet due; and (c) any nonconsensual Lien or encumbrance incurred or deposits made in the Ordinary Course of Business for workers' compensation and unemployment insurance and other types of social security.

**"Safety Requirements"** means all legal requirements and all contracts, in each case, relating to or regulating public health and safety and worker health and safety, in effect on or prior to the Closing Date.

**"Sellers' Knowledge"** means the actual knowledge of Russell M. Gifford, Denise Miyasato, or Kihei Ahuna.

**"Surviving Provisions"** means [Section 1](#), [Section 11](#), [Section 12](#), [Section 13](#), [Section 14](#), [Section 15](#), [Section 17](#), and [Section 18](#).

**"Tangible Personal Property"** has the meaning set forth in [Section 4.7](#).

**"Trade Payable"** means accounts payable incurred in the Ordinary Course of Business.

**"Transaction"** means the Buyer's purchase of the Shares from Sellers and Sellers' sale of the Shares to the Buyer, pursuant to this Agreement, and includes the execution, delivery, and performance by the parties of this Agreement and the other Transaction documents.

## APPENDIX B

### Noncompetition Provisions

#### SECTION 1 DEFINITIONS

For purposes of these Noncompetition Provisions, the following terms have the following meanings:

**"Business"** means the exploration and development of groundwater resources for government, commercial and private clients in Hawaii and in-state deep drilling and deep well pumping.

**"Restricted Period"** means the period beginning on the Closing Date and ending five (5) years after the Closing Date.

**"Restrictions"** means the restrictions set forth in [Section 2](#), [Section 3](#), and [Section 4](#) of these Noncompetition Provisions.

#### SECTION 2 NONCOMPETITION

During the Restricted Period, Sellers will not directly or indirectly advise, invest in, own, manage, operate, control, be employed by, provide services to, lend money to, guarantee any obligation of, lend Sellers' name to, or otherwise assist any Person engaged in or planning to be engaged in any business whose products, services, or activities compete or will compete in whole or in part with the Business.

#### SECTION 3 NON-SOLICITATION

Sellers agree that, throughout the Restricted Period, Sellers will not, individually or on behalf of another Person, either directly or indirectly, (i) solicit or encourage any employee or consultant of Buyer or its affiliates (including the Company) to terminate such individual's employment or consulting services with the Buyer or such affiliates (including the Company), (ii) solicit or encourage, or take any action that would tend to encourage, any customer or prospective customer of Buyer or its affiliates (including the Company) to terminate or not do business with Buyer or its affiliates (including the Company), or reduce the business conducted by such customer or prospective customer with Buyer or its affiliates (including the Company), or (iii) solicit or encourage, or take any action that would tend to encourage, any vendor or supplier, or prospective vendor or supplier, of Buyer or its affiliates (including the Company) to terminate or not do business with Buyer or its affiliates (including the Company), or reduce the business conducted by such vendor or supplier, or prospective vendor or supplier, with Buyer or its affiliates (including the Company).

#### SECTION 4 NO HIRE

During the Restricted Period, Sellers will not hire, for Sellers' benefit or for the benefit of any Person, as an employee or engage as an independent contractor, any Person who was an employee of Buyer or its affiliates at any time during the Restricted Period.

#### SECTION 5 RESTRICTIONS

**5.1 Reasonableness.** Sellers acknowledge and agree that each Restriction is reasonable in scope and that the Restrictions afford a fair protection to the interests of Buyer.

**5.2 Enforceability.** The parties intend that each Restriction be enforceable to the fullest extent permitted by law.

#### SECTION 6 NO EMPLOYMENT RELATIONSHIP

The Restrictions are made in the context of a business acquisition and are not made in the context of an employment relationship or contract.

Schedules to this Stock Purchase Agreement have been omitted. Please see below for a list of omitted schedules.

Schedule 3.4(a) - Gross Profit on Construction Contracts

Schedule 4.5 - Financial Statements Delivered to Buyer

Schedule 4.7 - Tangible Personal Property

Schedule 4.8 - Inventories

Schedule 4.9 - Intellectual Property Assets

Schedule 4.11 - Title to Assets

Schedule 4.12 - Taxes

Schedule 4.15 - No Other Changes

Schedule 4.16 - List of Contracts of Corporation

Schedule 4.21 - List of Employees and Labor Matters

Schedule 4.22 - Company Benefit Plans

Schedule 4.23 - Environmental Law

Schedule 4.26 - Safety Matters

Schedule 4.27 - Company Records

Schedule 4.28 - Leased Real Property

Schedule 4.29 - Warranties

Schedule 4.30 - Insurance

Schedule 4.31 - Bank Accounts

Schedule 4.32 - Directors and Officers; Resignations

Schedule 4.34(a) - Payroll Protection Plan

Schedule 4.34(d) - CARES Act

Schedule 8.4 - Consents



Exhibit No. 21

#### List of Subsidiaries

The subsidiaries of Barnwell Industries, Inc., at September 30, 2022 September 30, 2023 were:

<u>Name of Subsidiary</u>	<u>Jurisdiction of Incorporation or Organization</u>
Barnwell of Canada, Limited	Delaware
Water Resources International, Inc.	Delaware
Barnwell Hawaiian Properties, Inc.	Delaware
Barnwell Investments LLC	Delaware
Barnwell Texas, LLC	Delaware
Barnwell Kona Corporation	Hawaii
Kaupulehu Developments	Hawaii
KD Kona 2013 LLLP	Hawaii
BOK Drilling, LLC	Hawaii
Bill Robbins Drilling, Ltd.	Alberta, Canada
Gypsy Petroleum Ltd.	Alberta, Canada
Dartmouth Petroleum, Ltd.	Alberta, Canada
J.H. Wilson Associates, Ltd.	Alberta, Canada
Octavian Oil, Ltd.	Alberta, Canada

Exhibit No. 23.1

**Consent of InSite Petroleum Consultants Ltd.**

We hereby consent to the use of our name in the Annual Report on Form 10-K of Barnwell Industries, Inc. and to all references to us, our report concerning reserves and the data in that report appearing in the 10-K.

Date: December 29, 2022 December 18, 2023

InSite Petroleum Consultants Ltd.

By: /s/ Peter Hadala  
 Peter Hadala, P. Eng.  
 President and Managing Director



TBPELS REGISTERED ENGINEERING FIRM F-1580  
 633 17TH STREET SUITE 1700 DENVER, COLORADO 80202 TELEPHONE (303) 339-8110

**Consent of Ryder Scott Company, L.P.**

We hereby consent to the use of our name in the Annual Report on Form 10-K of Barnwell Industries, Inc. and to all references to us, our report concerning reserves, and the data in that report appearing in the 10-K.

/s/ Ryder Scott Company, L.P.

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RYDER SCOTT COMPANY, L.P.

TBPELS Firm Registration No. F-1580

Denver, CO

December 29, 2022 18, 2023

1100 LOUISIANA, SUITE 4600 HOUSTON, TEXAS 77002-5294 TEL (713) 651-9191 FAX (713) 651-0849  
SUITE 2800, 350 7TH AVENUE, S.W. CALGARY, ALBERTA T2P 3N9 TEL (403) 262-2799

**Consent of Independent Registered Public Accounting Firm**

To The Board of Directors  
Barnwell Industries, Inc.

We hereby consent to the incorporation by reference in the following Registration Statements and prospectus:

1. Form S-3 No. 333-254365 pertaining to the at-the-market offering program pursuant to which the Company may offer and sell, from time to time, shares of its common stock under price and volume guidelines set by the Company's Board of Directors and the terms and conditions described in the Registration Statement, and
2. Form S-8 No. 333-251471 pertaining to the 2018 Employee Equity Incentive Plan, as amended and restated, of Barnwell Industries, Inc.
3. Form S-8 No. 333-269704 pertaining to the 2018 Equity Incentive Plan, as amended and restated, of Barnwell Industries, Inc.

our report dated December 29, 2022 December 18, 2023, with respect to the consolidated balance sheets as of September 30, 2022 September 30, 2023 and 2021 2022 of Barnwell Industries, Inc. and subsidiaries and related consolidated statements of operations, comprehensive income (loss), equity (deficit) and cash flows for the years then ended, and related notes, which report appears in the September 30, 2022 September 30, 2023 Annual Report on Form 10-K of Barnwell Industries, Inc. We also consent to the reference to us under the heading "Experts" in such Registration Statements and prospectus.

/s/ WEAVER AND TIDWELL, L.L.P.

Dallas, Texas  
December 29, 2022 18, 2023

### Certifications

I, Alexander C. Kinzler, certify that:

1. I have reviewed this annual report on Form 10-K of Barnwell Industries, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent functions):
  - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: December 29, 2022 18, 2023

/s/ Alexander C. Kinzler

Alexander C. Kinzler

President, Chief Executive Officer, Chief Operating Officer, General Counsel

### Certifications

I, Russell M. Gifford, certify that:

1. I have reviewed this annual report on Form 10-K of Barnwell Industries, Inc.;

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;

3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;

4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent functions):

a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: December 29, 2022 18, 2023

/s/ Russell M. Gifford

Russell M. Gifford

Executive Vice President, Chief Financial Officer

Exhibit No. 32

**Barnwell Industries, Inc.**

**Certification Pursuant to  
Section 906 of the Sarbanes-Oxley Act of 2002**

Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of Section 1350, Chapter 63 of Title 18, United States Code) each of the undersigned officers of Barnwell Industries, Inc. (the "Company"), does hereby certify, to such officer's knowledge that:

The Annual Report on Form 10-K for the year ended September 30, 2022 September 30, 2023 of the Company fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934 and the information contained in the Form 10-K fairly presents, in all material respects, the consolidated financial condition as of September 30, 2022 September 30, 2023 and consolidated results of operations for the year ended September 30, 2022 September 30, 2023 of the Company and its subsidiaries.

Dated: December 29, 2022 18, 2023

/s/ Alexander C. Kinzler

Name: Alexander C. Kinzler

Title: President, Chief Executive Officer, Chief Operating Officer, General Counsel

Dated: December 29, 2022 18, 2023

/s/ Russell M. Gifford

Name: Russell M. Gifford

Title: Executive Vice President, Chief Financial Officer

The foregoing certification is being furnished solely pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (subsections (a) and (b) of Section 1350, Chapter 63 of Title 18, United States Code) and is not being filed as part of the Form 10-K or as a separate disclosure document.

A signed original of the written statement required by Section 906 has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

Exhibit No. 97

## **BARNWELL INDUSTRIES, INC. ("the Company")**

### **CLAWBACK POLICY**

#### **Introduction**

The Board of Directors of the Company (the "Board") believes that it is in the best interests of the Company and its shareholders to create and maintain a culture that emphasizes integrity and accountability and that reinforces the Company's pay-for-performance compensation philosophy. The Board has therefore adopted this policy which provides for the recoupment of certain executive compensation in the event of an accounting restatement resulting from material noncompliance with financial reporting requirements under the federal securities laws (the "Policy"). This Policy is designed to comply with Section 10D of the Securities Exchange Act of 1934 (the "Exchange Act") and Section 811 of the NYSE American LLC Company Guide (the "Clawback Listing Standards").

#### **Administration**

This Policy shall be administered by the Board or, if so designated by the Board, the Compensation Committee, in which case references herein to the Board shall be deemed references to the Compensation Committee. Any determinations made by the Board shall be final and binding on all affected individuals.

#### **Covered Executives**

This Policy applies to the Company's current and former executive officers, as determined by the Board in accordance with the definition in Section 10D of the Exchange Act and the Clawback Listing Standards, who may from time to time be deemed subject to the Policy by the Board ("Covered Executives").

#### **Recoupment; Accounting Restatement**

In the event the Company is required to prepare an accounting restatement of its financial statements due to the Company's material noncompliance with any financial reporting requirement under the securities laws, including any required accounting restatement to correct an error in previously issued financial statements that is material to the previously issued financial statements or that would result in a material misstatement if the error were corrected in the current period or left uncorrected in the current period, the Board will require reimbursement or forfeiture of any excess Incentive Compensation received by any Covered Executive during the three completed fiscal years immediately preceding the date on which the Company is required to prepare an accounting restatement.

#### **Incentive Compensation**

For purposes of this Policy, Incentive Compensation means any of the following; provided that, such compensation is granted, earned, or vested based wholly or in part on the attainment of a financial reporting measure:

- Annual bonuses and other short- and long-term cash incentives.
  - Stock options.
  - Stock appreciation rights.
  - Restricted stock.
  - Restricted stock units.
  - Performance shares.
- 

- Performance units.

Financial reporting measures include:

- Company stock price.
- Total shareholder return.
- Revenues.
- Net income.
- Earnings before interest, taxes, depreciation, and amortization (EBITDA).
- Funds from operations.
- Liquidity measures such as working capital or operating cash flow.
- Return measures such as return on invested capital or return on assets.
- Earnings measures such as earnings per share.

#### **Excess Incentive Compensation: Amount Subject to Recovery**

The amount to be recovered will be the excess of the Incentive Compensation paid to the Covered Executive based on the erroneous data over the Incentive Compensation that would have been paid to the Covered Executive had it been based on the restated results, as determined by the Board, without regard to any taxes paid by the Covered Executive in respect of the Incentive Compensation paid based on the erroneous data.

If the Board cannot determine the amount of excess Incentive Compensation received by the Covered Executive directly from the information in the accounting restatement, then it will make its determination based on a reasonable estimate of the effect of the accounting restatement.

#### **Method of Recoupment**

The Board will determine, in its sole discretion, the method for recouping Incentive Compensation hereunder which may include, without limitation:

- (a) requiring reimbursement of cash Incentive Compensation previously paid;
- (b) seeking recovery of any gain realized on the vesting, exercise, settlement, sale, transfer, or other disposition of any equity-based awards;
- (c) offsetting the recouped amount from any compensation otherwise owed by the Company to the Covered Executive;
- (d) cancelling outstanding vested or unvested equity awards; and/or
- (e) taking any other remedial and recovery action permitted by law, as determined by the Board.

#### **No Indemnification**

The Company shall not indemnify any Covered Executives against the loss of any incorrectly awarded Incentive Compensation.

#### **Interpretation**

The Board is authorized to interpret and construe this Policy and to make all determinations necessary, appropriate, or advisable for the administration of this Policy. It is intended that this Policy be interpreted in a manner that is consistent with the requirements of Section 10D of the Exchange Act, any applicable rules or standards adopted by the Securities and Exchange Commission, and the Clawback Listing Standards.

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#### **Effective Date**

This Policy shall be effective as of the date it is adopted by the Board (the "**Effective Date**") and shall apply to Incentive Compensation that is received by Covered Executives on or after the Effective Date, even if such Incentive Compensation was approved, awarded, or granted to Covered Executives prior to the Effective Date.

#### **Amendment; Termination**

The Board may amend this Policy from time to time in its discretion and shall amend this Policy as it deems necessary to reflect final regulations adopted by the Securities and Exchange Commission under Section 10D of the Exchange Act and to comply with the Clawback Listing Standards and any other rules or standards adopted by a national securities exchange on which the Company's securities are listed. The Board may terminate this Policy at any time.

#### **Other Recoupment Rights**

Any right of recoupment under this Policy is in addition to, and not in lieu of, any other remedies or rights of recoupment that may be available to the Company pursuant to the terms of any similar policy in any employment agreement, equity award agreement, or similar agreement and any other legal remedies available to the Company.

#### **Relationship to Other Plans and Agreements**

The Board intends that this Policy will be applied to the fullest extent of the law. The Board may require that any employment agreement, equity award agreement, or similar agreement entered into on or after the Effective Date shall, as a condition to the grant of any benefit thereunder, require a Covered Executive to agree to abide by the terms of this Policy. In the event of any inconsistency between the terms of the Policy and the terms of any employment agreement, equity award agreement, or similar agreement under which Incentive Compensation has been granted, awarded, earned or paid to a Covered Executive, whether or not deferred, the terms of the Policy shall govern.

#### **Acknowledgment**

The Covered Executive shall sign an acknowledgment form in the form attached hereto as **Exhibit A** in which they acknowledge that they have read and understand the terms of the Policy and are bound by the Policy.

#### **Impracticability**

The Board shall recover any excess Incentive Compensation in accordance with this Policy unless such recovery would be impracticable, as determined by the Board in accordance with Rule 10D-1 of the Exchange Act and the listing standards of the national securities exchange on which the Company's securities are listed.

#### **Successors**

This Policy shall be binding and enforceable against all Covered Executives and their beneficiaries, heirs, executors, administrators or other legal representatives.

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**CLAWBACK POLICY ACKNOWLEDGMENT**

The Board of Directors of Barnwell Industries, Inc. has adopted an erroneously awarded compensation clawback policy (the "Clawback Policy") which is applicable to the Company's Covered Executives.

I, the undersigned, acknowledge that I have received a copy of the Clawback Policy, as it may be amended, restated, supplemented or modified from time to time, and that I have read it, understand it, and acknowledge that I am fully bound by, and subject to, all of the terms and conditions thereof.

In the event of any inconsistency between the terms of the Clawback Policy and the terms of any employment agreement to which I am a party, or the terms of any compensation plan, program, or arrangement under which Incentive Compensation has been granted, awarded, earned, or paid to me, whether or not deferred, the terms of the Clawback Policy shall govern.

If the Compensation Committee determines that any Incentive Compensation I have received must be forfeited, repaid, or otherwise recovered by the Company, I shall promptly take whatever action is necessary to effectuate such forfeiture, repayment, or recovery.

I acknowledge that I am not entitled to indemnification in connection with the Company's enforcement of the Clawback Policy.

I understand that any delay or failure by the Company to enforce any requirement contained in the Clawback Policy will not constitute a waiver of the Company's right to do so in the future.

Any capitalized terms used in this Acknowledgment that are not otherwise defined shall have the meaning ascribed to them in the Clawback Policy.

.....

(Executive's Signature)

.....

(Executive's Printed Name)

.....

(Date)

Exhibit No. 99.1

December 6, 2022 5, 2023

**Barnwell of Canada, Limited**  
Suite 2410, 500 – 4th Avenue SW  
Calgary, Alberta  
T2P 2V6

**Re: Evaluation of the Oil and Gas Properties of  
Barnwell of Canada, Limited and Octavian Oil Ltd.**

Dear Sirs:

As requested, an evaluation has been made of all of the crude oil and natural gas assets of Barnwell of Canada, Limited and Octavian Oil Ltd., hereinafter referred to as the "Company." The properties evaluated are located in the Canadian provinces of Alberta and British Columbia. The effective date of the reserve estimates presented in this report is September 30, 2022 September 30, 2023. The purpose of this evaluation and report is to fulfill Securities and Exchange Commission (SEC) reporting requirements.

All Company assets were evaluated in full detail. Individual property evaluations were prepared in the context of belonging to a larger portfolio of properties. Due to the principal of aggregation of reserves, the total portfolio reserves estimate carries a higher degree of confidence than the estimates for the individual properties.

This evaluation is based in part on prices, currency exchange rates and estimates which, in future, may differ materially from the forecasts utilized herein. In addition, changes in government policy and regulation may result in higher (or lower) royalties and taxes and the change may be material; therefore, the present values of revenues documented in this report do not necessarily represent the fair market value of the reserves evaluated. The reserve estimates presented in this report are considered reasonable as of the effective date of the report given the quality and quantity of data available; however, they should be accepted with the understanding that reservoir performance subsequent to the date of these estimates may necessitate revision, which may be material.

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**Barnwell of Canada, Limited plus Octavian Oil Ltd.**  
**Summary of Net Reserves – Constant Prices and Costs**

		Net Remaining Reserves			Net Remaining Reserves		
		Crude Oil (Stb)	NGL + Cond. (Stb)	Market Gas (Mcf)	Crude Oil (Stb)	NGL + Cond. (Stb)	Market Gas (Mcf)
Proved Producing	Proved Producing	697,600	124,700	3,935,800	Proved Producing	653,000	126,500
Proved Non-Producing	Proved Non-Producing	120,400	13,800	454,900	Proved Non-Producing	42,000	5,900
Proved Undeveloped	Proved Undeveloped	<u>28,700</u>	<u>4,600</u>	<u>128,400</u>	Proved Undeveloped	<u>92,000</u>	<u>17,500</u>
Total Proved	Total Proved	<u>846,700</u>	<u>143,100</u>	<u>4,519,100</u>	Total Proved	<u>787,000</u>	<u>149,900</u>
							<u>5,009,900</u>

Constant prices were prepared based on posted prices of crude oil and natural gas, and natural gas liquids using a 12 month unweighted arithmetic average closing price of each commodity on the 1<sup>st</sup> day of each month from October 1, 2021 October 1, 2022 through September 1, 2022 September 1, 2023 during the fiscal year. This report has been prepared using constant prices and costs and conforms to our understanding of the SEC's guidelines and applicable financial accounting rules.

All prices used in the evaluation have been adjusted from posted prices for applicable quality, heating value and transportation considerations. The weighted average prices, after applicable adjustments, over the life of the properties used in the evaluation were US\$ 80.78 68.80 barrel of oil, US\$ 4.07 2.67 per Mcf of gas, US\$ 50.78 40.60 per barrel of condensate and natural gas liquids.

During the course of the evaluation, the Company provided InSite Petroleum Consultants Ltd. ("InSite") personnel with basic information including land data, well information, geological information, reservoir studies, estimates of on-stream dates, contract details, operating cost data, capital budget forecasts, operating statements and other financial data and future operating plans. Additional engineering, geological or economic data used in the preparation of this report were obtained from public records, other operators and from InSite non-confidential files. InSite encountered no indications that the data was incomplete or inaccurate. Should evidence become available in the future suggesting that the data was incomplete or inaccurate, InSite reserves the right to revise the estimates based on new data. Similarly, the performance of the producing entities subsequent to the effective date of this report may necessitate upward or downward revisions to the reserve and production estimates.

In conducting our reserve analysis, proved reserve volumes were determined by volumetric, material balance, and production decline curve methods. The volumetric reserves were determined by reviewing all well logs, core, and geological data. Recovery factors were assigned after analyzing the performance of similar wells in the area. Historical well production was reviewed to determine reserves calculated by production decline curve analysis where sufficient historical data was available. The order of preference in choosing the methodology to be used was firstly production decline curve analysis or material balance where sufficient data was available for such analysis with volumetric calculations used where there was a lack of historical data.

The production and revenue forecasts for each property and the corporate cash flow summaries have not been adjusted for risk. Well abandonment, decommissioning and site reclamation costs (ADR) were included in the economic runs for all wells with reserves assigned, as wells as the ADR costs for producing wells with no reserves assigned, suspended wells and existing facilities. The ADR costs and timing were adopted from the Company's internal Asset Retirement Obligation (ARO) estimates.

The oil and gas reserves calculations and income projections upon which this report is based, were determined in accordance with generally accepted evaluation practices. InSite used all assumptions, data, methods and procedures it considered appropriate, under the circumstances, to prepare this report.

The extent and character of ownership and all factual data supplied by the Company were accepted as presented. A field inspection was not considered necessary by InSite.

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In this report, gross (or Company share) reserves are defined as the total remaining recoverable reserves owned by the Company before deduction of any royalties. Net reserves are defined as those accruing to the Company after all interests owned by others including Crown and Freehold royalties have been deducted. The reserve category definitions utilized in this report are in accordance with SEC standards and Regulation S-X.

Yours very truly,

**InSite Petroleum Consultants Ltd.**

Original signed by Peter Hadala, P. Eng.

(2022-12-06) (2023-12-05)

Peter Hadala, P. Eng.

President and Managing Director

Original signed by Radu Afilipoaei, P. Eng.

(2022-12-06) (2023-12-05)

Radu Afilipoaei, P. Eng.

Managing Director

Original signed by J. Ed Hasiuk, P. Geol.

(2022-12-06) (2023-12-05)

J. Ed Hasiuk, P. Geol.

Senior Geologist

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Exhibit No. 99.2

**TETON BARNWELL FUND I, LLC**

**Estimated**

**Future Reserves and Income**

**Attributable to Certain**

**Leasehold and Royalty Interests**

**SEC Parameters**

**As of**

**September 30, 2022**

/s/ Stephen E. Gardner

\_\_\_\_\_  
Stephen E. Gardner, P.E.

Colorado License No. 44720

Managing Senior Vice President

[SEAL]

**RYDER SCOTT COMPANY, L.P.**

TBPELS Firm Registration No. F-1580

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS



TBPELS REGISTERED ENGINEERING FIRM F-1580  
633 17TH STREET SUITE 1700 DENVER, COLORADO 80202 TELEPHONE (303) 339-8110

December 7, 2022 October 11, 2023

Mark A. Roche,  
Partner  
Gros Ventre Partners, LLC  
145 E. Snow King Ave.  
Jackson, WY 83001

Dear Mr. Roche:

At your request, Ryder Scott Company, L.P. (Ryder Scott) has prepared an estimate of the proved reserves, future production, and income attributable to certain leasehold and royalty interests of Teton Barnwell Fund I, LLC (TBF1), a fund managed by Gros Ventre Partners, LLC (Gros Ventre), as of **September 30, 2022** **September 30, 2023**. TBF1 is an entity formed by Gros Ventre and BOK Drilling, LLC, a wholly owned subsidiary of Barnwell Industries, Inc. (Barnwell), for the purpose of investing in oil and natural gas exploration and development in Oklahoma. Accordingly, the subject properties in this report are located in the state of Oklahoma. The reserves and income data were estimated based on the definitions and disclosure guidelines of the United States Securities and Exchange Commission (SEC) contained in Title 17, Code of Federal Regulations, Modernization of Oil and Gas Reporting, Final Rule released January 14, 2009 in the Federal Register (SEC regulations). Our third party study, completed on **September 28, 2022** **October 11, 2023** and presented herein, was prepared for public disclosure by Barnwell in filings made with the SEC in accordance with the disclosure requirements set forth in the SEC regulations.

The properties evaluated by Ryder Scott account for a portion of Barnwell's total net proved liquid hydrocarbon and gas reserves as of **September 30, 2022** **September 30, 2023**. Based on information provided by Barnwell, the third party estimate conducted by Ryder Scott addresses approximately **8.810** percent of the total proved net reserves of Barnwell on a barrel of oil equivalent, BOE, basis as of **September 30, 2022** **September 30, 2023**. Natural gas is converted to oil equivalent using a factor of 6,000 cubic feet of natural gas per one barrel of oil equivalent.

The estimated reserves and future net income amounts presented in this report, as of **September 30, 2022** **September 30, 2023** are related to hydrocarbon prices. The hydrocarbon prices used in the preparation of this report are based on the average prices during the 12-month period prior to the "as of date" of this report, determined as the unweighted arithmetic averages of the prices in effect on the first-day-of-the-month for each month within such period, as required by the SEC regulations. Actual future prices may vary considerably from the prices required by SEC regulations, that were used in this report. The reserves volumes and the income attributable thereto have a direct relationship to the hydrocarbon prices actually received; therefore, volumes of reserves actually recovered and the amounts of income actually received may differ significantly from the estimated quantities presented in this report. The results of this study are summarized as follows.

1100 LOUISIANA, SUITE 4600 HOUSTON, TEXAS 77002-5294 TEL (713) 651-9191 FAX (713) 651-0849  
SUITE 2800, 350 7TH AVENUE, S.W. CALGARY, ALBERTA T2P 3N9 TEL (403) 262-2799

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Teton Barnwell Fund I, LLC (As Of September 30, 2023)

December 7, 2022 October 11, 2023

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#### SEC PARAMETERS

Estimated Net Reserves and Income Data  
Certain Leasehold and Royalty Interests of  
**Teton Barnwell Fund I, LLC**

As of **September 30, 2022** **September 30, 2023**

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	Total Proved Developed Producing
<b><u>Net Reserves</u></b>	
Oil/Condensate – Mbbl	2939
Plant Products – Mbbl	6177
Gas – MMcf	466734
<b><u>Income Data (\$M)</u></b>	
Future Gross Revenue	\$6,254 5,953
Deductions	421542
Future Net Income (FNI)	\$5,833 5,411
Discounted FNI @ 10%	\$3,946 2,904

Liquid hydrocarbons are expressed in standard 42 U.S. gallon barrels and shown herein as thousands of barrels (Mbbl). All gas volumes are reported on an "as sold basis" expressed in millions of cubic feet (MMcf) at the official temperature and pressure bases of the areas in which the gas reserves are located. In this report, the revenues, deductions, and income data are expressed as thousands of U.S. dollars (\$M).

The estimates of the reserves, future production, and income attributable to properties in this report were prepared using the economic software package ARIES™ Petroleum Economics and Reserves Software, a copyrighted program of Halliburton. The program was used at the request of TBF1. Ryder Scott has found this program to be generally acceptable, but notes that certain summaries and calculations may vary due to rounding and may not exactly match the sum of the properties being summarized. Furthermore, one line economic summaries may vary slightly from the more detailed cash flow projections of the same properties, also due to rounding. The rounding differences are not material.

The future gross revenue is after the deduction of production taxes. The deductions incorporate the normal direct costs of operating the wells and certain abandonment costs net of salvage. The future net income is before the deduction of state and federal income taxes and general administrative overhead, and has not been adjusted for outstanding loans that may exist nor does it include any adjustment for cash on hand or undistributed income.

Liquid hydrocarbon reserves account for approximately 67.74 percent and gas reserves account for the remaining 33.26 percent of total future gross revenue from proved reserves.

The discounted future net income shown above was calculated using a discount rate of 10 percent per annum compounded monthly. Future net income was discounted at four other discount rates which were also compounded monthly. These results are shown in summary form as follows.

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

Teton Barnwell Fund I, LLC (As Of September 30, 2023)

December 7, 2022 October 11, 2023

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Discount Rate Percent	Discount Rate Percent	Discounted Future Net Income (\$M) As of September 30, 2022		Discounted Future Net Income (\$M) As of September 30, 2023	
		Total Proved	Discount Rate Percent	Total Proved	Discount Rate Percent
5			5		\$3,702
8	8	\$4,181	8		\$3,166
9		\$4,059			
12	12	\$3,747	12		\$2,692
15	15	\$3,498	15		\$2,439

The results shown above are presented for your information and should not be construed as our estimate of fair market value.

***Reserves Included in This Report***

The proved reserves included herein conform to the definition as set forth in the Securities and Exchange Commission's Regulations Part 210.4-10(a). An abridged version of the SEC reserves definitions from 210.4-10(a) entitled "PETROLEUM RESERVES DEFINITIONS" is included as an attachment to this report.

The various reserves status categories are defined in the attachment entitled "PETROLEUM RESERVES STATUS DEFINITIONS AND GUIDELINES" in this report.

No attempt was made to quantify or otherwise account for any accumulated gas production imbalances that may exist. The proved gas volumes presented herein do not include volumes of gas consumed in operations as reserves.

Reserves are "estimated remaining quantities of oil and gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations." All reserves estimates involve an assessment of the uncertainty relating the likelihood that the actual remaining quantities recovered will be greater or less than the estimated quantities determined as of the date the estimate is made. The uncertainty depends primarily on the amount of reliable geologic and engineering data available at the time of the estimate and the interpretation of these data. The relative degree of uncertainty may be conveyed by placing reserves into one of two principal categories, either proved or unproved. Unproved reserves are less certain to be recovered than proved reserves and may be further sub-categorized as probable and possible reserves to denote progressively increasing uncertainty in their recoverability. At TBF1's request, this report addresses only the proved reserves attributable to the properties evaluated herein.

Proved oil and gas reserves are "those quantities of oil and gas which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible from a given date forward." The proved reserves included herein were estimated using deterministic methods. The SEC has defined reasonable certainty for proved reserves, when based on deterministic methods, as a "high degree of confidence that the quantities will be recovered."

Proved reserves estimates will generally be revised only as additional geologic or engineering data become available or as economic conditions change. For proved reserves, the SEC states that "as changes due to increased availability of geoscience (geological, geophysical, and geochemical), engineering, and economic data are made to the estimated ultimate recovery (EUR) with time, reasonably certain EUR is much more likely to increase or remain constant than to decrease." Moreover, estimates of proved reserves may be revised as a result of future operations, effects of regulation by governmental agencies or geopolitical or economic risks. Therefore, the proved reserves included in this report are estimates only and should not be construed as being exact quantities, and if

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

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Teton Barnwell Fund I, LLC (As Of September 30, 2023)

December 7, 2022 | October 11, 2023

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recovered, the revenues therefrom, and the actual costs related thereto, could be more or less than the estimated amounts.

TBF1's operations may be subject to various levels of governmental controls and regulations. These controls and regulations may include, but may not be limited to, matters relating to land tenure and leasing, the legal rights to produce hydrocarbons, drilling and production practices, environmental protection, marketing and pricing policies, royalties, various taxes and levies including income tax and are subject to change from time to time. Such changes in governmental regulations and policies may cause volumes of proved reserves actually recovered and amounts of proved income actually received to differ significantly from the estimated quantities.

The estimates of proved reserves presented herein were based upon a detailed study of the properties in which TBF1 owns an interest; however, we have not made any field examination of the properties. No consideration was given in this report to potential environmental liabilities that may exist nor were any costs included for potential liabilities to restore and clean up damages, if any, caused by past operating practices.

#### **Estimates of Reserves**

The estimation of reserves involves two distinct determinations. The first determination results in the estimation of the quantities of recoverable oil and gas and the second determination results in the estimation of the uncertainty associated with those estimated quantities in accordance with the definitions set forth by the Securities and Exchange Commission's Regulations Part 210.4-10(a). The process of estimating the quantities of recoverable oil and gas reserves relies on the use of certain generally accepted analytical procedures. These analytical procedures fall into three broad categories or methods: (1) performance-based methods, (2) volumetric-based methods and (3) analogy. These methods may be used individually or in combination by the reserves evaluator in the process of estimating the quantities of reserves. Reserves evaluators must select the method or combination of methods which in their professional judgment is most appropriate given the nature and amount of reliable geoscience and engineering data available at the time of the estimate, the established or anticipated performance characteristics of the reservoir being evaluated, and the stage of development or producing maturity of the property.

In many cases, the analysis of the available geoscience and engineering data and the subsequent interpretation of this data may indicate a range of possible outcomes in an estimate, irrespective of the method selected by the evaluator. When a range in the quantity of reserves is identified, the evaluator must determine the uncertainty associated with the incremental quantities of the reserves. If the reserves quantities are estimated using the deterministic incremental approach, the

uncertainty for each discrete incremental quantity of the reserves is addressed by the reserves category assigned by the evaluator. Therefore, it is the categorization of reserves quantities as proved, probable and/or possible that addresses the inherent uncertainty in the estimated quantities reported. For proved reserves, uncertainty is defined by the SEC as reasonable certainty wherein the "quantities actually recovered are much more likely to be achieved than not." The SEC states that "probable reserves are those additional reserves that are less certain to be recovered than proved reserves but which, together with proved reserves, are as likely as not to be recovered." The SEC states that "possible reserves are those additional reserves that are less certain to be recovered than probable reserves and the total quantities ultimately recovered from a project have a low probability of exceeding proved plus probable plus possible reserves." All quantities of reserves within the same reserves category must meet the SEC definitions as noted above.

Estimates of reserves quantities and their associated reserves categories may be revised in the future as additional geoscience or engineering data become available. Furthermore, estimates of reserves quantities and their associated reserves categories may also be revised due to other factors such as changes in economic conditions, results of future operations, effects of regulation by governmental agencies or geopolitical or economic risks as previously noted herein.

The proved reserves for the properties included herein were estimated by a combination of performance and analogy methods. Decline decline curve analysis, a performance method which utilized extrapolations of historical production and pressure data available through August 2022, was performed

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

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Teton Barnwell Fund I, LLC (As Of September 30, 2023)

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on each well. However, due to the early-life circumstances of these wells, decline trends and total recoverable volumes were guided by analogy to older, more established wells within the analogy area, available through September 2023. The data utilized in this analysis were furnished to Ryder Scott by TBF1 or obtained from public data sources and were considered sufficient for the purpose thereof.

To estimate economically producible proved oil and gas reserves and related future net cash flows, we consider many factors and assumptions including, but not limited to, the use of reservoir parameters derived from geological, geophysical and engineering data which cannot be measured directly, economic criteria based on current costs and SEC pricing requirements, and forecasts of future production rates. Under the SEC regulations 210.4-10(a)(22)(v) and (26), proved reserves must be anticipated to be economically producible from a given date forward based on existing economic conditions including the prices and costs at which economic producibility from a reservoir is to be determined. While it may reasonably be anticipated that the future prices received for the sale of production and the operating costs and other costs relating to such production may increase or decrease from those under existing economic conditions, such changes were, in accordance with rules adopted by the SEC, omitted from consideration in making this evaluation.

TBF1 has informed us that they have furnished us all of the material accounts, records, geological and engineering data, and reports and other data required for this investigation. In preparing our forecast of future proved production and income, we have relied upon data furnished by TBF1 with respect to property interests owned, production and well tests from examined wells, normal direct costs of operating the wells or leases, other costs such as transportation and/or processing fees, production taxes, abandonment costs after salvage, product prices based on the SEC regulations, adjustments or differentials to product prices, and pressure measurements. Ryder Scott reviewed such factual data for its reasonableness; however, we have not conducted an independent verification of the data furnished by TBF1. We consider the factual data used in this report appropriate and sufficient for the purpose of preparing the estimates of reserves and future net revenues herein.

In summary, we consider the assumptions, data, methods and analytical procedures used in this report appropriate for the purpose hereof, and we have used all such methods and procedures that we consider necessary and appropriate to prepare the estimates of reserves herein. The proved reserves included herein were determined in conformance with the United States Securities and Exchange Commission (SEC) Modernization of Oil and Gas Reporting; Final Rule, including all references to Regulation S-X and Regulation S-K, referred to herein collectively as the "SEC Regulations." In our opinion, the proved reserves presented in this report comply with the definitions, guidelines and disclosure requirements as required by the SEC regulations.

#### **Future Production Rates**

Our forecasts of future production rates and decline trends are based on a combination of their the individual historical production data and the performance trends trend of analogous wells, each well. These future production rates may be more or less than estimated because of changes including, but not limited to, reservoir performance, operating conditions related to surface facilities, compression and artificial lift, pipeline capacity and/or operating conditions, producing market demand and/or allowables or other constraints set by regulatory bodies.

#### **Hydrocarbon Prices**

The hydrocarbon prices used herein are based on SEC price parameters using the average prices during the 12-month period prior to the "as of date" of this report, determined as the unweighted arithmetic averages of the prices in effect on the first-day-of-the-month for each month within such period.

We furnished TBF1 with the above mentioned average benchmark prices in effect on **September 30, 2022** **September 30, 2023**. These initial SEC hydrocarbon prices were determined using the 12-month average first-day-of-the-month benchmark prices appropriate to the geographic area where the hydrocarbons are sold. These benchmark prices are prior to the adjustments for differentials as

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described herein. The table below summarizes the "benchmark prices" and "price reference" used for the geographic area included in the report.

The product prices **that which** were actually used to determine the future gross revenue for each property reflect adjustments to the benchmark prices for gravity, quality, local conditions, gathering and

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Teton Barnwell Fund I, LLC (As Of September 30, 2023)

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transportation fees and/or distance from market, referred to herein as "differentials." The differentials used in the preparation of this report were furnished to us by TBF1. The differentials furnished to us were accepted as factual data and reviewed by us for their reasonableness; however, we have not conducted an independent verification of the data used by TBF1 to determine these differentials.

In addition, the table below summarizes the net volume weighted benchmark prices adjusted for differentials and referred to herein as the "average realized prices." The average realized prices shown in the table below were determined from the total future gross revenue before production taxes and the total net reserves for the geographic area and presented in accordance with SEC disclosure requirements for the geographic area included in the report.

Geographic Area	Product	Price Reference	Average Benchmark Prices	Average Realized Prices
North America				
United States	Oil/Condensate	WTI Cushing	\$91.71/78.54/bbl	\$89.51/75.70/bbl
	NGLs	WTI Cushing	\$91.71/78.54/bbl	\$31.51/22.90/bbl
	Gas	Henry Hub	\$6.127/3.419/MMBTU	\$4.67/2.26/Mcf

The effects of derivative instruments designated as price hedges of oil and gas quantities are not reflected in our individual property evaluations.

## Costs

Operating costs for the leases and wells in this report were furnished by **TBF1**. **TBF1** and are based on the operating expense reports of TBF1 and include only those costs directly applicable to the leases or wells. The operating costs include a portion of general and administrative costs allocated directly to the leases and wells. The operating costs furnished to us were accepted as factual data and reviewed by us for their reasonableness; however, we have not conducted an independent verification of the operating cost data used by TBF1. No deduction was made for loan repayments, interest expenses, or exploration and development prepayments that were not charged directly to the leases or wells.

The estimated net cost of abandonment after salvage was included for properties where abandonment costs net of salvage were material. The estimates of the net abandonment costs furnished by TBF1 were accepted without independent verification.

Current costs used by TBF1 were held constant throughout the life of the properties.

## Standards of Independence and Professional Qualification

Ryder Scott is an independent petroleum engineering consulting firm that has been providing petroleum consulting services throughout the world since 1937. Ryder Scott is employee-owned and maintains offices in Houston, Texas; Denver, Colorado; and Calgary, Alberta, Canada. We have approximately eighty engineers and geoscientists on our permanent staff. By virtue of the size of our firm and the large number of clients for which we provide services, no single client or job represents a material portion of our annual revenue. We do not serve as officers or directors of any privately-owned or publicly-traded oil and gas company and are separate and independent from the operating and investment decision-making process of our clients. This allows us to bring the highest level of independence and objectivity to each engagement for our services.

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Ryder Scott actively participates in industry-related professional societies and organizes an annual public forum focused on the subject of reserves evaluations and SEC regulations. Many of our staff have authored or co-authored technical papers on the subject of reserves related topics. We

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encourage our staff to maintain and enhance their professional skills by actively participating in ongoing continuing education.

Prior to becoming an officer of the Company, Ryder Scott requires that staff engineers and geoscientists receive professional accreditation in the form of a registered or certified professional engineer's license or a registered or certified professional geoscientist's license, or the equivalent thereof, from an appropriate governmental authority or a recognized self-regulating professional organization. Regulating agencies require that, in order to maintain active status, a certain amount of continuing education hours be completed annually, including an hour of ethics training. Ryder Scott fully supports this technical and ethics training with our internal requirement mentioned above.

We are independent petroleum engineers with respect to Gros Ventre, TBF1, Barnwell, and their collective affiliates. Neither we nor any of our employees have any financial interest in the subject properties and neither the employment to do this work nor the compensation is contingent on our estimates of reserves for the properties which were reviewed.

The results of this study, presented herein, are based on technical analyses conducted by teams of geoscientists and engineers from Ryder Scott. The professional qualifications of the undersigned, the technical person primarily responsible for overseeing the evaluation of the reserves information discussed in this report, are included as an attachment to this letter.

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#### Terms of Usage

The results of our third party study, presented in report form herein, were prepared in accordance with the disclosure requirements set forth in the SEC regulations and intended for public disclosure as an exhibit in filings made with the SEC by Barnwell.

Barnwell makes periodic filings on Form 10-K with the SEC under the 1934 Exchange Act. Furthermore, Barnwell has certain registration statements filed with the SEC under the 1933 Securities Act into which any subsequently filed Form 10-K is incorporated by reference. We have consented to the incorporation by reference in the registration statements on Form S-3 (No. 333-254365) and Form S-8 (No. 333-251471) of Barnwell, of the references to our name, as well as to the references to our third party report for TBF1, which appears in the September 30, 2022 September 30, 2023 annual report on Form 10-K of Barnwell. Our written consent for such use is included as a separate exhibit to the filings made with the SEC by Barnwell.

We have provided TBF1 with a digital version of the original signed copy of this report letter. In the event there are any differences between the digital version included in filings made by TBF1, or their partners, and the original signed report letter, the original signed report letter shall control and supersede the digital version.

The data and work papers used in the preparation of this report are available for examination by authorized parties in our offices. Please contact us if we can be of further service.

Very truly yours,

**RYDER SCOTT COMPANY, L.P.**  
TBPELS Firm Registration No. F-1580

/s/ Stephen E. Gardner  
Stephen E. Gardner, P.E. [SEAL]  
Colorado License No. 44720 [SEAL]

Managing Senior Vice President

SEG (LPC)/pl

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#### Professional Qualifications of Primary Technical Person

The conclusions presented in this report are the result of technical analysis conducted by teams of geoscientists and engineers from Ryder Scott Company, L.P. Mr. Stephen E. Gardner is the primary technical person responsible for the estimate of the reserves, future production and income.

Mr. Gardner, an employee of Ryder Scott Company, L.P. (Ryder Scott) since 2006, is a Managing Senior Vice President responsible for ongoing reservoir evaluation studies worldwide. Before joining Ryder Scott, Mr. Gardner served in a number of engineering positions with Exxon Mobil Corporation. For more information regarding Mr. Gardner's geographic and job specific experience, please refer to the Ryder Scott Company website at <https://ryderscott.com/employees/denver-employees>.

Mr. Gardner earned a Bachelor of Science degree in Mechanical Engineering from Brigham Young University in 2001 (summa cum laude). He is a licensed Professional Engineer in the States of Colorado and Texas. Mr. Gardner is a member of the Society of Petroleum Engineers and a former chairperson of the Society of Petroleum Evaluation Engineers for the Denver Chapter. He also currently serves on the latter organization's board of directors at the international level. In addition to gaining experience and competency through prior work experience, the Texas Board of Professional Engineers requires a minimum of 15 hours of continuing education annually, including at least one hour in the area of professional ethics, which Mr. Gardner fulfills. As part of his 2021 2022 continuing education hours, Mr. Gardner attended participated in the annual Ryder Scott Reserves Conference, which covered a variety of reserves topics including analysis techniques for unconventional reservoirs, ESG issues, reserves definitions and guidelines, SEC comment letter trends, and others. In addition, Mr. Gardner attended the annual SPEE meeting held in Napa Valley, California as well as participated in various SPE local SPEE and SPEE SIPES technical seminars and other internal company training courses throughout the year covering topics such as reserves evaluation methods and evaluation software, ethics, SEC perspectives and other regulatory issues, greenhouse gas management, geothermal energy, SRMS, and more.

Based on his educational background, professional training and more than 16 17 years of practical experience in the estimation and evaluation of petroleum reserves, Mr. Gardner has attained the professional qualifications as a Reserves Estimator set forth in Article III of the "Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information" promulgated by the Society of Petroleum Engineers as of June 2019.

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

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#### PETROLEUM RESERVES DEFINITIONS

**As Adapted From:**  
**RULE 4-10(a) of REGULATION S-X PART 210**  
**UNITED STATES SECURITIES AND EXCHANGE COMMISSION (SEC)**

**PREAMBLE**

On January 14, 2009, the United States Securities and Exchange Commission (SEC) published the "Modernization of Oil and Gas Reporting; Final Rule" in the Federal Register of National Archives and Records Administration (NARA). The "Modernization of Oil and Gas Reporting; Final Rule" includes revisions and additions to the definition section in Rule 4-10 of Regulation S-X, revisions and additions to the oil and gas reporting requirements in Regulation S-K, and amends and codifies Industry Guide 2 in Regulation S-K. The "Modernization of Oil and Gas Reporting; Final Rule", including all references to Regulation S-X and Regulation S-K, shall be referred to herein collectively as the "SEC regulations". The SEC regulations take effect for all filings made with the United States Securities and Exchange Commission as of December 31, 2009, or after January 1, 2010. Reference should be made to the full text under Title 17, Code of Federal Regulations, Regulation S-X Part 210, Rule 4-10(a) for the complete definitions (direct passages excerpted in part or wholly from the aforementioned SEC document are denoted in italics herein).

*Reserves are estimated remaining quantities of oil and gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations.* All reserve estimates involve an assessment of the uncertainty relating the likelihood that the actual remaining quantities recovered will be greater or less than the estimated quantities determined as of the date the estimate is made. The uncertainty depends chiefly on the amount of reliable geologic and engineering data available at the time of the estimate and the interpretation of these data. The relative degree of uncertainty may be conveyed by placing reserves into one of two principal classifications, either proved or unproved. Unproved reserves are less certain to be recovered than proved reserves and may be further sub-classified as probable and possible reserves to denote progressively increasing uncertainty in their recoverability. Under the SEC regulations as of December 31, 2009, or after January 1, 2010, a company may optionally disclose estimated quantities of probable or possible oil and gas reserves in documents publicly filed with the SEC. The SEC regulations continue to prohibit disclosure of estimates of oil and gas resources other than reserves and any estimated values of such resources in any document publicly filed with the SEC unless such information is required to be disclosed in the document by foreign or state law as noted in §229.1202 Instruction to Item 1202.

Reserves estimates will generally be revised only as additional geologic or engineering data become available or as economic conditions change.

Reserves may be attributed to either natural energy or improved recovery methods. Improved recovery methods include all methods for supplementing natural energy or altering natural forces in the reservoir to increase ultimate recovery. Examples of such methods are pressure maintenance, natural gas cycling, waterflooding, thermal methods, chemical flooding, and the use of miscible and immiscible displacement fluids. Other improved recovery methods may be developed in the future as petroleum technology continues to evolve.

Reserves may be attributed to either conventional or unconventional petroleum accumulations. Petroleum accumulations are considered as either conventional or unconventional based on the nature of their in-place characteristics, extraction method applied, or degree of processing prior to sale. Examples of unconventional petroleum accumulations include coalbed or coalseam methane (CBM/CSM), basin-centered gas, shale gas, gas hydrates, natural bitumen and oil shale deposits. These unconventional accumulations may require specialized extraction technology and/or significant processing prior to sale.

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**PETROLEUM RESERVES DEFINITIONS**

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Reserves do not include quantities of petroleum being held in inventory.

Because of the differences in uncertainty, caution should be exercised when aggregating quantities of petroleum from different reserves categories.

**RESERVES (SEC DEFINITIONS)**

Securities and Exchange Commission Regulation S-X §210.4-10(a)(26) defines reserves as follows:

**Reserves.** *Reserves are estimated remaining quantities of oil and gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations. In addition, there must exist, or there must be a reasonable expectation that there will exist, the legal right to produce or a revenue interest in the production, installed means of delivering oil and gas or related substances to market, and all permits and financing required to implement the project.*

Note to paragraph (a)(26): Reserves should not be assigned to adjacent reservoirs isolated by major, potentially sealing, faults until those reservoirs are penetrated and evaluated as economically producible. Reserves should not be assigned to areas that are clearly separated from a known accumulation by a non-productive reservoir (i.e., absence of reservoir, structurally low reservoir, or negative test results). Such areas may contain prospective resources (i.e., potentially recoverable resources from undiscovered accumulations).

#### **PROVED RESERVES (SEC DEFINITIONS)**

Securities and Exchange Commission Regulation S-X §210.4-10(a)(22) defines proved oil and gas reserves as follows:

**Proved oil and gas reserves.** Proved oil and gas reserves are those quantities of oil and gas, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible—from a given date forward, from known reservoirs, and under existing economic conditions, operating methods, and government regulations—prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation. The project to extract the hydrocarbons must have commenced or the operator must be reasonably certain that it will commence the project within a reasonable time.

(i) The area of the reservoir considered as proved includes:

(A) The area identified by drilling and limited by fluid contacts, if any, and

(B) Adjacent undrilled portions of the reservoir that can, with reasonable certainty, be judged to be continuous with it and to contain economically producible oil or gas on the basis of available geoscience and engineering data.

#### **PROVED RESERVES (SEC DEFINITIONS) CONTINUED**

(ii) In the absence of data on fluid contacts, proved quantities in a reservoir are limited by the lowest known hydrocarbons (LKH) as seen in a well penetration unless geoscience, engineering, or performance data and reliable technology establishes a lower contact with reasonable certainty.

(iii) Where direct observation from well penetrations has defined a highest known oil (HKO) elevation and the potential exists for an associated gas cap, proved oil reserves may be assigned in the structurally higher portions of the reservoir only if geoscience, engineering, or performance data and reliable technology establish the higher contact with reasonable certainty.

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#### PETROLEUM RESERVES DEFINITIONS

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(iv) Reserves which can be produced economically through application of improved recovery techniques (including, but not limited to, fluid injection) are included in the proved classification when:

(A) Successful testing by a pilot project in an area of the reservoir with properties no more favorable than in the reservoir as a whole, the operation of an installed program in the reservoir or an analogous reservoir, or other evidence using reliable technology establishes the reasonable certainty of the engineering analysis on which the project or program was based; and

(B) The project has been approved for development by all necessary parties and entities, including governmental entities.

(v) Existing economic conditions include prices and costs at which economic producibility from a reservoir is to be determined. The price shall be the average price during the 12-month period prior to the ending date of the period covered by the report, determined as an unweighted arithmetic average of the first-day-of-the-month price for each month within such period, unless prices are defined by contractual arrangements, excluding escalations based upon future conditions.

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

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## PETROLEUM RESERVES STATUS DEFINITIONS AND GUIDELINES

As Adapted From:

RULE 4-10(a) of REGULATION S-X PART 210

UNITED STATES SECURITIES AND EXCHANGE COMMISSION (SEC)

and

### 2018 PETROLEUM RESOURCES MANAGEMENT SYSTEM (SPE-PRMS)

Sponsored and Approved by:

SOCIETY OF PETROLEUM ENGINEERS (SPE)

WORLD PETROLEUM COUNCIL (WPC)

AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS (AAPG)

SOCIETY OF PETROLEUM EVALUATION ENGINEERS (SPEE)

SOCIETY OF EXPLORATION GEOPHYSICISTS (SEG)

SOCIETY OF PETROPHYSICISTS AND WELL LOG ANALYSTS (SPWLA)

EUROPEAN ASSOCIATION OF GEOSCIENTISTS & ENGINEERS (EAGE)

Reserves status categories define the development and producing status of wells and reservoirs. Reference should be made to Title 17, Code of Federal Regulations, Regulation S-X Part 210, Rule 4-10(a) and the SPE-PRMS as the following reserves status definitions are based on excerpts from the original documents (direct passages excerpted from the aforementioned SEC and SPE-PRMS documents are denoted in italics herein).

#### **DEVELOPED RESERVES (SEC DEFINITIONS)**

Securities and Exchange Commission Regulation S-X §210.4-10(a)(6) defines developed oil and gas reserves as follows:

*Developed oil and gas reserves are reserves of any category that can be expected to be recovered:*

*(i) Through existing wells with existing equipment and operating methods or in which the cost of the required equipment is relatively minor compared to the cost of a new well; and*

*(ii) Through installed extraction equipment and infrastructure operational at the time of the reserves estimate if the extraction is by means not involving a well.*

#### **Developed Producing (SPE-PRMS Definitions)**

While not a requirement for disclosure under the SEC regulations, developed oil and gas reserves may be further sub-classified according to the guidance contained in the SPE-PRMS as Producing or Non-Producing.

##### **Developed Producing Reserves**

*Developed Producing Reserves are expected quantities to be recovered from completion intervals that are open and producing at the effective date of the estimate.*

*Improved recovery reserves are considered producing only after the improved recovery project is in operation.*

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

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## PETROLEUM RESERVES STATUS DEFINITIONS AND GUIDELINES

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##### **Developed Non-Producing**

*Developed Non-Producing Reserves include shut-in and behind-pipe Reserves.*

##### **Shut-In**

*Shut-in Reserves are expected to be recovered from:*

*(1) completion intervals that are open at the time of the estimate but which have not yet started producing;*

- (2) wells which were shut-in for market conditions or pipeline connections; or
- (3) wells not capable of production for mechanical reasons.

**Behind-Pipe**

Behind-pipe Reserves are expected to be recovered from zones in existing wells that will require additional completion work or future re-completion before start of production with minor cost to access these reserves.

*In all cases, production can be initiated or restored with relatively low expenditure compared to the cost of drilling a new well.*

**UNDEVELOPED RESERVES (SEC DEFINITIONS)**

Securities and Exchange Commission Regulation S-X §210.4-10(a)(31) defines undeveloped oil and gas reserves as follows:

*Undeveloped oil and gas reserves are reserves of any category that are expected to be recovered from new wells on undrilled acreage, or from existing wells where a relatively major expenditure is required for recompletion.*

*(1) Reserves on undrilled acreage shall be limited to those directly offsetting development spacing areas that are reasonably certain of production when drilled, unless evidence using reliable technology exists that establishes reasonable certainty of economic producibility at greater distances.*

*(ii) Undrilled locations can be classified as having undeveloped reserves only if a development plan has been adopted indicating that they are scheduled to be drilled within five years, unless the specific circumstances, justify a longer time.*

*(iii) Under no circumstances shall estimates for undeveloped reserves be attributable to any acreage for which an application of fluid injection or other improved recovery technique is contemplated, unless such techniques have been proved effective by actual projects in the same reservoir or an analogous reservoir, as defined in paragraph (a)(2) of this section, or by other evidence using reliable technology establishing reasonable certainty.*

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

Exhibit No. 99.3

**BARNWELL TEXAS LLC**

**Estimated**

**Future Reserves and Income**

**Attributable to Certain**

**Leasehold Interests**

**SEC Parameters**

**As of**

**September 30, 2023**

*/s/ Stephen E. Gardner*

*Stephen E. Gardner, P.E.*

*Colorado License No. 44720*

*Managing Senior Vice President*

**[SEAL]**

**RYDER SCOTT COMPANY, L.P.**

**TBPELS Firm Registration No. F-1580**

**RYDER SCOTT COMPANY PETROLEUM CONSULTANTS**



TBPELS REGISTERED ENGINEERING FIRM F-1580  
633 17TH STREET SUITE 1700 DENVER, COLORADO 80202 TELEPHONE (303) 339-8110

October 3, 2023

Barnwell Texas LLC  
c/o Barnwell Industries, Inc.  
1100 Alakea Street, Suite 500  
Honolulu, HI 96813

Ladies and Gentlemen:

At your request, Ryder Scott Company, L.P. (Ryder Scott) has prepared an estimate of the proved reserves, future production, and income attributable to certain leasehold interests of Barnwell Texas LLC, a subsidiary of Barnwell Industries, Inc. (collectively, Barnwell) as of September 30, 2023. The subject properties are located in the state of Texas. The reserves and income data were estimated based on the definitions and disclosure guidelines of the United States Securities and Exchange Commission (SEC) contained in Title 17, Code of Federal Regulations, Modernization of Oil and Gas Reporting, Final Rule released January 14, 2009 in the Federal Register (SEC regulations). Our third party study, completed on October 3, 2023 and presented herein, was prepared for public disclosure by Barnwell in filings made with the SEC in accordance with the disclosure requirements set forth in the SEC regulations.

The properties evaluated by Ryder Scott account for a portion of Barnwell's total net proved liquid hydrocarbon and gas reserves as of September 30, 2023. Based on information provided by Barnwell, the third party estimate conducted by Ryder Scott addresses approximately 14 percent of the total proved net reserves of Barnwell on a barrel of oil equivalent, BOE, basis as of September 30, 2023. Natural gas is converted to oil equivalent using a factor of 6,000 cubic feet of natural gas per one barrel of oil equivalent.

The estimated reserves and future net income amounts presented in this report, as of September 30, 2023 are related to hydrocarbon prices. The hydrocarbon prices used in the preparation of this report are based on the average prices during the 12-month period prior to the "as of date" of this report, determined as the unweighted arithmetic averages of the prices in effect on the first-day-of-the-month for each month within such period, as required by the SEC regulations. Actual future prices may vary considerably from the prices that were used in this report. The reserves volumes and the income attributable thereto have a direct relationship to the hydrocarbon prices actually received; therefore, volumes of reserves actually recovered and the amounts of income actually received may differ significantly from the estimated quantities presented in this report. The results of this study are summarized as follows.

1100 LOUISIANA, SUITE 4600 HOUSTON, TEXAS 77002-5294 TEL (713) 651-9191 FAX (713) 651-0849  
SUITE 2800, 350 7TH AVENUE, S.W. CALGARY, ALBERTA T2P 3N9 TEL (403) 262-2799

Barnwell Texas LLC – SEC Parameters

October 3, 2023

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**SEC PARAMETERS**  
Estimated Net Reserves and Income Data  
Certain Leasehold Interests of  
**Barnwell Texas LLC**  
As of September 30, 2023

	Total Proved Developed Producing
<b><u>Net Reserves</u></b>	
Oil/Condensate – Mbbl	73
Plant Products – Mbbl	100
Gas – MMcf	957
<b><u>Income Data (\$M)</u></b>	
Future Gross Revenue	\$9,048
Deductions	2,675
Future Net Income (FNI)	\$6,372
Discounted FNI @ 10%	\$3,925

Liquid hydrocarbons are expressed in standard 42 U.S. gallon barrels and shown herein as thousands of barrels (Mbbl). All gas volumes are reported on an "as sold basis" expressed in millions of cubic feet (MMcf) at the official temperature and pressure bases of the area in which the gas reserves are located. In this report, the revenues, deductions, and income data are expressed as thousands of U.S. dollars (\$M).

The estimates of the reserves, future production, and income attributable to properties in this report were prepared using the economic software package ARIES™ Petroleum Economics and Reserves Software, a copyrighted program of Halliburton. The program was used at the request of Barnwell. Ryder Scott has found this program to be generally acceptable, but notes that certain summaries and calculations may vary due to rounding and may not exactly match the sum of the properties being summarized. Furthermore, one line economic summaries may vary slightly from the more detailed cash flow projections of the same properties, also due to rounding. The rounding differences are not material.

The future gross revenue is after the deduction of production taxes. The deductions incorporate the normal direct costs of operating the wells, ad valorem taxes and certain abandonment costs net of salvage. The future net income is before the deduction of state and federal income taxes and general administrative overhead, and has not been adjusted for outstanding loans that may exist nor does it include any adjustment for cash on hand or undistributed income.

Liquid hydrocarbon reserves account for approximately 80 percent and gas reserves account for the remaining 20 percent of total future gross revenue from proved reserves.

The discounted future net income shown above was calculated using a discount rate of 10 percent per annum compounded monthly. Future net income was discounted at four other discount rates which were also compounded monthly. These results are shown in summary form as follows.

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

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Barnwell Texas LLC – SEC Parameters  
October 3, 2023  
Page 3

Discount Rate Percent	Discounted Future Net Income (\$M) As of September 30, 2023	
	Total Proved	
5	\$4,785	
8	\$4,216	
12	\$3,684	
15	\$3,390	

The results shown above are presented for your information and should not be construed as our estimate of fair market value.

***Reserves Included in This Report***

The proved reserves included herein conform to the definition as set forth in the Securities and Exchange Commission's Regulations Part 210.4-10(a). An abridged version of the SEC reserves definitions from 210.4-10(a) entitled "PETROLEUM RESERVES DEFINITIONS" is included as an attachment to this report.

The various reserves status categories are defined in the attachment entitled "PETROLEUM RESERVES STATUS DEFINITIONS AND GUIDELINES" in this report.

No attempt was made to quantify or otherwise account for any accumulated gas production imbalances that may exist. The provedgas volumes presented herein do not include volumes of gas consumed in operations as reserves.

Reserves are "estimated remaining quantities of oil and gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations." All reserves estimates involve an assessment of the uncertainty relating the likelihood that the actual remaining quantities recovered will be greater or less than the estimated quantities determined as of the date the estimate is made. The uncertainty depends primarily on the amount of reliable geologic and engineering data available at the time of the estimate and the interpretation of these data. The relative degree of uncertainty may be conveyed by placing reserves into one of two principal categories, either proved or unproved. Unproved reserves are less certain to be recovered than proved reserves and may be further sub-categorized as probable and possible reserves to denote progressively increasing uncertainty in their recoverability. At Barnwell's request, this report addresses only the proved reserves attributable to the properties evaluated herein.

Proved oil and gas reserves are "those quantities of oil and gas which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible from a given date forward." The proved reserves included herein were estimated using deterministic methods. The SEC has defined reasonable certainty for proved reserves, when based on deterministic methods, as a "high degree of confidence that the quantities will be recovered."

Proved reserves estimates will generally be revised only as additional geologic or engineering data become available or as economic conditions change. For proved reserves, the SEC states that "as changes due to increased availability of geoscience (geological, geophysical, and geochemical), engineering, and economic data are made to the estimated ultimate recovery (EUR) with time, reasonably certain EUR is much more likely to increase or remain constant than to decrease." Moreover, estimates of proved reserves may be revised as a result of future operations, effects of regulation by governmental agencies or geopolitical or economic risks. Therefore, the proved reserves included in this report are estimates only and should not be construed as being exact quantities, and if

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#### Barnwell Texas LLC – SEC Parameters

October 3, 2023

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recovered, the revenues therefrom, and the actual costs related thereto, could be more or less than the estimated amounts.

Barnwell's operations may be subject to various levels of governmental controls and regulations. These controls and regulations may include, but may not be limited to, matters relating to land tenure and leasing, the legal rights to produce hydrocarbons, drilling and production practices, environmental protection, marketing and pricing policies, royalties, various taxes and levies including income tax and are subject to change from time to time. Such changes in governmental regulations and policies may cause volumes of proved reserves actually recovered and amounts of proved income actually received to differ significantly from the estimated quantities.

The estimates of proved reserves presented herein were based upon a detailed study of the properties in which Barnwell owns an interest; however, we have not made any field examination of the properties. No consideration was given in this report to potential environmental liabilities that may exist nor were any costs included for potential liabilities to restore and clean up damages, if any, caused by past operating practices.

#### Estimates of Reserves

The estimation of reserves involves two distinct determinations. The first determination results in the estimation of the quantities of recoverable oil and gas and the second determination results in the estimation of the uncertainty associated with those estimated quantities in accordance with the definitions set forth by the Securities and Exchange Commission's Regulations Part 210.4-10(a). The process of estimating the quantities of recoverable oil and gas reserves relies on the use of certain generally accepted analytical procedures. These analytical procedures fall into three broad categories or methods: (1) performance-based methods, (2) volumetric-based methods and (3) analogy. These methods may be used individually or in combination by the reserves evaluator in the process of estimating the quantities of reserves. Reserves evaluators must select the method or combination of methods which in their professional judgment is most appropriate given the nature and amount of reliable geoscience and engineering data available at the time of the estimate, the established or anticipated performance characteristics of the reservoir being evaluated, and the stage of development or producing maturity of the property.

In many cases, the analysis of the available geoscience and engineering data and the subsequent interpretation of this data may indicate a range of possible outcomes in an estimate, irrespective of the method selected by the evaluator. When a range in the quantity of reserves is identified, the evaluator must determine the uncertainty associated with the incremental quantities of the reserves. If the reserves quantities are estimated using the deterministic incremental approach, the

uncertainty for each discrete incremental quantity of the reserves is addressed by the reserves category assigned by the evaluator. Therefore, it is the categorization of reserves quantities as proved, probable and/or possible that addresses the inherent uncertainty in the estimated quantities reported. For proved reserves, uncertainty is defined by the SEC as reasonable certainty wherein the "quantities actually recovered are much more likely to be achieved than not." The SEC states that "probable reserves are those additional reserves that are less certain to be recovered than proved reserves but which, together with proved reserves, are as likely as not to be recovered." The SEC states that "possible reserves are those additional reserves that are less certain to be recovered than probable reserves and the total quantities ultimately recovered from a project have a low probability of exceeding proved plus probable plus possible reserves." All quantities of reserves within the same reserves category must meet the SEC definitions as noted above.

Estimates of reserves quantities and their associated reserves categories may be revised in the future as additional geoscience or engineering data become available. Furthermore, estimates of reserves quantities and their associated reserves categories may also be revised due to other factors such as changes in economic conditions, results of future operations, effects of regulation by governmental agencies or geopolitical or economic risks as previously noted herein.

The reserves attributable to the producing wells in this report are very early-life and were estimated by a combination of performance and analogy methods. Decline curve analysis, a performance method which utilized extrapolations of historical production and pressure data available

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#### Barnwell Texas LLC – SEC Parameters

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through mid-September 2023, was used to project short term production from the initial rates and decline trend of each well. Longer term performance was then guided by analogy to older, more established wells in the general vicinity. The data used in these analyses were furnished to Ryder Scott by Barnwell or obtained from public data sources and were considered sufficient for the purpose thereof.

To estimate economically producible proved oil and gas reserves and related future net cash flows, we consider many factors and assumptions including, but not limited to, the use of reservoir parameters derived from geological, geophysical and engineering data which cannot be measured directly, economic criteria based on current costs and SEC pricing requirements, and forecasts of future production rates. Under the SEC regulations 210.4-10(a)(22)(v) and (26), proved reserves must be anticipated to be economically producible from a given date forward based on existing economic conditions including the prices and costs at which economic producibility from a reservoir is to be determined. While it may reasonably be anticipated that the future prices received for the sale of production and the operating costs and other costs relating to such production may increase or decrease from those under existing economic conditions, such changes were, in accordance with rules adopted by the SEC, omitted from consideration in making this evaluation.

Barnwell has informed us that they have furnished us all of the material accounts, records, geological and engineering data, and reports and other data required for this investigation. In preparing our forecast of future proved production and income, we have relied upon data furnished by Barnwell with respect to property interests owned, production and well tests from examined wells, normal direct costs of operating the wells or leases, other costs such as transportation and/or processing fees, ad valorem and production taxes, and adjustments or differentials to product prices. Ryder Scott reviewed such factual data for its reasonableness; however, we have not conducted an independent verification of the data furnished by Barnwell. We consider the factual data used in this report appropriate and sufficient for the purpose of preparing the estimates of reserves and future net revenues herein.

In summary, we consider the assumptions, data, methods and analytical procedures used in this report appropriate for the purpose hereof, and we have used all such methods and procedures that we consider necessary and appropriate to prepare the estimates of reserves herein. The proved reserves included herein were determined in conformance with the United States Securities and Exchange Commission (SEC) Modernization of Oil and Gas Reporting; Final Rule, including all references to Regulation S-X and Regulation S-K, referred to herein collectively as the "SEC Regulations." In our opinion, the proved reserves presented in this report comply with the definitions, guidelines and disclosure requirements as required by the SEC regulations.

#### Future Production Rates

For wells currently on production, our forecasts of future production rates are based partly on the early-life performance data of each well, as well as analogy to longer-term decline trends and performance of analogous wells.

The future production rates from wells currently on production may be more or less than estimated because of changes including, but not limited to, reservoir performance, operating conditions related to surface facilities, compression and artificial lift, pipeline capacity and/or operating conditions, producing market demand and/or allowables or other constraints set by regulatory bodies.

#### Hydrocarbon Prices

The hydrocarbon prices used herein are based on SEC price parameters using the average prices during the 12-month period prior to the "as of date" of this report, determined as the unweighted arithmetic averages of the prices in effect on the first-day-of-the-month for each month within such period.

We provided Barnwell with the above mentioned average benchmark prices in effect on September 30, 2023. These initial SEC hydrocarbon prices were determined using the 12-month average first-day-of-the-month benchmark prices appropriate to the geographic area where the

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#### Barnwell Texas LLC – SEC Parameters

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hydrocarbons are sold. These benchmark prices are prior to the adjustments for differentials as described herein. The table below summarizes the "benchmark prices" and "price reference" used for the geographic area included in the report.

The product prices that were actually used to determine the future gross revenue for each property reflect adjustments to the benchmark prices for gravity, quality, local conditions, oil transportation fees and/or distance from market, referred to herein as "differentials." The differentials used in the preparation of this report were estimated by us based on information furnished by Barnwell.

In addition, the table below summarizes the net volume weighted benchmark prices adjusted for differentials and referred to herein as the "average realized prices." The average realized prices shown in the table below were determined from the total future gross revenue before production taxes and the total net reserves for the geographic area and presented in accordance with SEC disclosure requirements for the geographic area included in the report.

Geographic Area	Product	Price Reference	Average Benchmark Prices	Average Realized Prices
North America				
United States	Oil/Condensate	WTI Cushing	\$78.54/Bbl	\$77.60/Bbl
	NGLs	WTI Cushing	\$78.54/Bbl	\$20.51/Bbl
	Gas	Henry Hub	\$3.419/MMBTU	\$1.99/Mcf

The effects of derivative instruments designated as price hedges of oil and gas quantities are not reflected in our individual property evaluations.

#### Costs

Operating costs for the leases and wells in this report were furnished by Barnwell and are based on pre-drill estimates provided to Barnwell by the operator. The operating costs furnished to us were accepted as factual data and reviewed by us for their reasonableness; however, we have not conducted an independent verification of the operating cost data used by Barnwell or the operator. No deduction was made for loan repayments, interest expenses, or exploration and development prepayments that were not charged directly to the leases or wells.

The net cost of abandonment after salvage was estimated by us and included for each well.

Current costs used in this evaluation were held constant throughout the life of the properties.

#### Standards of Independence and Professional Qualification

Ryder Scott is an independent petroleum engineering consulting firm that has been providing petroleum consulting services throughout the world since 1937. Ryder Scott is employee-owned and maintains offices in Houston, Texas; Denver, Colorado; and Calgary, Alberta, Canada. We have approximately eighty engineers and geoscientists on our permanent staff. By virtue of the size of our firm and the large number of clients for which we provide services, no single client or job represents a material portion of our annual revenue. We do not serve as officers or directors of any privately-owned or publicly-traded oil and gas company and are separate and independent from the operating and investment decision-making process of our clients. This allows us to bring the highest level of independence and objectivity to each engagement for our services.

Ryder Scott actively participates in industry-related professional societies and organizes an annual public forum focused on the subject of reserves evaluations and SEC regulations. Many of our

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staff have authored or co-authored technical papers on the subject of reserves related topics. We encourage our staff to maintain and enhance their professional skills by actively participating in ongoing continuing education.

Prior to becoming an officer of the Company, Ryder Scott requires that staff engineers and geoscientists receive professional accreditation in the form of a registered or certified professional engineer's license or a registered or certified professional geoscientist's license, or the equivalent thereof, from an appropriate governmental authority or a recognized self-regulating professional organization. Regulating agencies require that, in order to maintain active status, a certain amount of continuing education hours be completed annually, including an hour of ethics training. Ryder Scott fully supports this technical and ethics training with our internal requirement mentioned above.

We are independent petroleum engineers with respect to Barnwell Texas LLC and Barnwell Industries, Inc. Neither we nor any of our employees have any financial interest in the subject properties and neither the employment to do this work nor the compensation is contingent on our estimates of reserves for the properties which were reviewed.

The results of this study, presented herein, are based on technical analyses conducted by teams of geoscientists and engineers from Ryder Scott. The professional qualifications of the undersigned, the technical person primarily responsible for overseeing the evaluation of the reserves information discussed in this report, are included as an attachment to this letter.

#### Terms of Usage

The results of our third party study, presented in report form herein, were prepared in accordance with the disclosure requirements set forth in the SEC regulations and intended for public disclosure as an exhibit in filings made with the SEC by Barnwell.

Barnwell makes periodic filings on Form 10-K with the SEC under the 1934 Exchange Act. Furthermore, Barnwell has certain registration statements filed with the SEC under the 1933 Securities Act into which any subsequently filed Form 10-K is incorporated by reference. We have consented to the incorporation by reference in the registration statements on Form S-3 and Form S-8 of Barnwell, of the references to our name, as well as to the references to our third party report for Barnwell, which appears in the September 30, 2023 annual report on Form 10-K of Barnwell. Our written consent for such use is included as a separate exhibit to the filings made with the SEC by Barnwell.

We have provided Barnwell with a digital version of the original signed copy of this report letter. In the event there are any differences between the digital version included in filings made by Barnwell and the original signed report letter, the original signed report letter shall control and supersede the digital version.

The data and work papers used in the preparation of this report are available for examination by authorized parties in our offices. Please contact us if we can be of further service.

Very truly yours,

**RYDER SCOTT COMPANY, L.P.**  
TBPELS Firm Registration No. F-1580

/s/ Stephen E. Gardner  
Stephen E. Gardner, P.E.  
Colorado License No. 44720 [SEAL]

Managing Senior Vice President

SEG (LPC)/pl

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### Professional Qualifications of Primary Technical Person

The conclusions presented in this report are the result of technical analysis conducted by teams of geoscientists and engineers from Ryder Scott Company, L.P. Mr. Stephen E. Gardner is the primary technical person responsible for the estimate of the reserves, future production and income.

Mr. Gardner, an employee of Ryder Scott Company, L.P. (Ryder Scott) since 2006, is a Managing Senior Vice President responsible for ongoing reservoir evaluation studies worldwide. Before joining Ryder Scott, Mr. Gardner served in a number of engineering positions with Exxon Mobil Corporation. For more information regarding Mr. Gardner's geographic and job specific experience, please refer to the Ryder Scott Company website at <https://ryderscott.com/employees/denver-employees>.

Mr. Gardner earned a Bachelor of Science degree in Mechanical Engineering from Brigham Young University in 2001 (summa cum laude). He is a licensed Professional Engineer in the States of Colorado and Texas. Mr. Gardner is a member of the Society of Petroleum Engineers and a former chairperson of the Society of Petroleum Evaluation Engineers for the Denver Chapter. He also currently serves on the latter organization's board of directors at the international level.

In addition to gaining experience and competency through prior work experience, the Texas Board of Professional Engineers requires a minimum of 15 hours of continuing education annually, including at least one hour in the area of professional ethics, which Mr. Gardner fulfills. As part of his 2022 continuing education hours, Mr. Gardner participated in the annual Ryder Scott Reserves Conference, which covered a variety of reserves topics including analysis techniques for unconventional reservoirs, ESG issues, reserves definitions and guidelines, SEC comment letter trends, and others. In addition, Mr. Gardner attended the annual SPEE meeting held in Napa Valley, California as well as participated in various local SPEE and Sipes technical seminars and other internal company training courses throughout the year covering topics such as reserves evaluation methods and evaluation software, ethics, SEC perspectives and other regulatory issues, geothermal energy, SRMS, and more.

Based on his educational background, professional training and more than 17 years of practical experience in the estimation and evaluation of petroleum reserves, Mr. Gardner has attained the professional qualifications as a Reserves Estimator set forth in Article III of the "Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information" promulgated by the Society of Petroleum Engineers as of June 2019.

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### PETROLEUM RESERVES DEFINITIONS

As Adapted From:

RULE 4-10(a) of REGULATION S-X PART 210

UNITED STATES SECURITIES AND EXCHANGE COMMISSION (SEC)

### PREAMBLE

On January 14, 2009, the United States Securities and Exchange Commission (SEC) published the "Modernization of Oil and Gas Reporting; Final Rule" in the Federal Register of National Archives and Records Administration (NARA). The "Modernization of Oil and Gas Reporting; Final Rule" includes revisions and additions to the definition section in Rule 4-10 of Regulation S-X, revisions and additions to the oil and gas reporting requirements in Regulation S-K, and amends and codifies Industry Guide 2 in Regulation S-K. The "Modernization of Oil and Gas Reporting; Final Rule", including all references to Regulation S-X and Regulation S-K, shall be referred to herein collectively as the "SEC regulations". The SEC regulations take effect for all filings made with the United States Securities and Exchange Commission as of December 31, 2009, or after January 1, 2010. Reference should be made to the full text under Title 17, Code of Federal Regulations, Regulation S-X Part 210, Rule 4-10(a) for the complete definitions (direct passages excerpted in part or wholly from the aforementioned SEC document are denoted in italics herein).

*Reserves are estimated remaining quantities of oil and gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations.* All reserve estimates involve an assessment of the uncertainty relating the likelihood that the actual remaining quantities recovered will be greater or less than the estimated quantities determined as of the date the estimate is made. The uncertainty depends chiefly on the amount of reliable geologic and engineering data available at the time of the estimate and the interpretation of these data. The relative degree of uncertainty may be conveyed by placing reserves into one of two principal classifications, either proved or unproved. Unproved reserves are less certain to be recovered than

proved reserves and may be further sub-classified as probable and possible reserves to denote progressively increasing uncertainty in their recoverability. Under the SEC regulations as of December 31, 2009, or after January 1, 2010, a company may optionally disclose estimated quantities of probable or possible oil and gas reserves in documents publicly filed with the SEC. The SEC regulations continue to prohibit disclosure of estimates of oil and gas resources other than reserves and any estimated values of such resources in any document publicly filed with the SEC unless such information is required to be disclosed in the document by foreign or state law as noted in §229.1202 Instruction to Item 1202.

Reserves estimates will generally be revised only as additional geologic or engineering data become available or as economic conditions change.

Reserves may be attributed to either natural energy or improved recovery methods. Improved recovery methods include all methods for supplementing natural energy or altering natural forces in the reservoir to increase ultimate recovery. Examples of such methods are pressure maintenance, natural gas cycling, waterflooding, thermal methods, chemical flooding, and the use of miscible and immiscible displacement fluids. Other improved recovery methods may be developed in the future as petroleum technology continues to evolve.

Reserves may be attributed to either conventional or unconventional petroleum accumulations. Petroleum accumulations are considered as either conventional or unconventional based on the nature of their in-place characteristics, extraction method applied, or degree of processing prior to sale. Examples of unconventional petroleum accumulations include coalbed or coalseam methane (CBM/CSM), basin-centered gas, shale gas, gas hydrates, natural bitumen and oil shale deposits. These unconventional accumulations may require specialized extraction technology and/or significant processing prior to sale.

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## PETROLEUM RESERVES DEFINITIONS

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Reserves do not include quantities of petroleum being held in inventory.

Because of the differences in uncertainty, caution should be exercised when aggregating quantities of petroleum from different reserves categories.

### RESERVES (SEC DEFINITIONS)

Securities and Exchange Commission Regulation S-X §210.4-10(a)(26) defines reserves as follows:

**Reserves.** Reserves are estimated remaining quantities of oil and gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations. In addition, there must exist, or there must be a reasonable expectation that there will exist, the legal right to produce or a revenue interest in the production, installed means of delivering oil and gas or related substances to market, and all permits and financing required to implement the project.

**Note to paragraph (a)(26):** Reserves should not be assigned to adjacent reservoirs isolated by major, potentially sealing, faults until those reservoirs are penetrated and evaluated as economically producible. Reserves should not be assigned to areas that are clearly separated from a known accumulation by a non-productive reservoir (i.e., absence of reservoir, structurally low reservoir, or negative test results). Such areas may contain prospective resources (i.e., potentially recoverable resources from undiscovered accumulations).

### PROVED RESERVES (SEC DEFINITIONS)

Securities and Exchange Commission Regulation S-X §210.4-10(a)(22) defines proved oil and gas reserves as follows:

**Proved oil and gas reserves.** Proved oil and gas reserves are those quantities of oil and gas, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible—from a given date forward, from known reservoirs, and under existing economic conditions, operating methods, and government regulations—prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation. The project to extract the hydrocarbons must have commenced or the operator must be reasonably certain that it will commence the project within a reasonable time.

(i) The area of the reservoir considered as proved includes:

(A) The area identified by drilling and limited by fluid contacts, if any, and

(B) Adjacent undrilled portions of the reservoir that can, with reasonable certainty, be judged to be continuous with it and to contain economically producible oil or gas on the basis of available geoscience and engineering data.

## **PROVED RESERVES (SEC DEFINITIONS) CONTINUED**

(ii) In the absence of data on fluid contacts, proved quantities in a reservoir are limited by the lowest known hydrocarbons (LKH) as seen in a well penetration unless geoscience, engineering, or performance data and reliable technology establishes a lower contact with reasonable certainty.

(iii) Where direct observation from well penetrations has defined a highest known oil (HKO) elevation and the potential exists for an associated gas cap, proved oil reserves may be assigned in the structurally higher portions of the reservoir only if geoscience, engineering, or performance data and reliable technology establish the higher contact with reasonable certainty.

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## **PETROLEUM RESERVES DEFINITIONS**

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(iv) Reserves which can be produced economically through application of improved recovery techniques (including, but not limited to, fluid injection) are included in the proved classification when:

(A) Successful testing by a pilot project in an area of the reservoir with properties no more favorable than in the reservoir as a whole, the operation of an installed program in the reservoir or an analogous reservoir, or other evidence using reliable technology establishes the reasonable certainty of the engineering analysis on which the project or program was based; and

(B) The project has been approved for development by all necessary parties and entities, including governmental entities.

(v) Existing economic conditions include prices and costs at which economic producibility from a reservoir is to be determined. The price shall be the average price during the 12-month period prior to the ending date of the period covered by the report, determined as an unweighted arithmetic average of the first-day-of-the-month price for each month within such period, unless prices are defined by contractual arrangements, excluding escalations based upon future conditions.

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## **PETROLEUM RESERVES STATUS DEFINITIONS AND GUIDELINES**

As Adapted From:

RULE 4-10(a) of REGULATION S-X PART 210

UNITED STATES SECURITIES AND EXCHANGE COMMISSION (SEC)

and

### **2018 PETROLEUM RESOURCES MANAGEMENT SYSTEM (SPE-PRMS)**

Sponsored and Approved by:

**SOCIETY OF PETROLEUM ENGINEERS (SPE)**

**WORLD PETROLEUM COUNCIL (WPC)**

**AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS (AAPG)**

**SOCIETY OF PETROLEUM EVALUATION ENGINEERS (SPEE)**

**SOCIETY OF EXPLORATION GEOPHYSICISTS (SEG)**

**SOCIETY OF PETROPHYSICISTS AND WELL LOG ANALYSTS (SPWLA)**

**EUROPEAN ASSOCIATION OF GEOSCIENTISTS & ENGINEERS (EAGE)**

Reserves status categories define the development and producing status of wells and reservoirs. Reference should be made to Title 17, Code of Federal Regulations, Regulation S-X Part 210, Rule 4-10(a) and the SPE-PRMS as the following reserves status definitions are based on excerpts from the original

documents (direct passages excerpted from the aforementioned SEC and SPE-PRMS documents are denoted in italics herein).

#### **DEVELOPED RESERVES (SEC DEFINITIONS)**

Securities and Exchange Commission Regulation S-X §210.4-10(a)(6) defines developed oil and gas reserves as follows:

*Developed oil and gas reserves are reserves of any category that can be expected to be recovered:*

- (i) Through existing wells with existing equipment and operating methods or in which the cost of the required equipment is relatively minor compared to the cost of a new well; and*
- (ii) Through installed extraction equipment and infrastructure operational at the time of the reserves estimate if the extraction is by means not involving a well.*

#### **Developed Producing (SPE-PRMS Definitions)**

While not a requirement for disclosure under the SEC regulations, developed oil and gas reserves may be further sub-classified according to the guidance contained in the SPE-PRMS as Producing or Non-Producing.

##### **Developed Producing Reserves**

Developed Producing Reserves are *expected quantities to be recovered from completion intervals that are open and producing at the effective date of the estimate.*

*Improved recovery reserves are considered producing only after the improved recovery project is in operation.*

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#### **PETROLEUM RESERVES STATUS DEFINITIONS AND GUIDELINES**

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##### **Developed Non-Producing**

Developed Non-Producing Reserves include shut-in and behind-pipe Reserves.

##### **Shut-In**

Shut-in Reserves are *expected to be recovered from:*

- (1) completion intervals that are open at the time of the estimate but which have not yet started producing;*
- (2) wells which were shut-in for market conditions or pipeline connections; or*
- (3) wells not capable of production for mechanical reasons.*

##### **Behind-Pipe**

Behind-pipe Reserves are *expected to be recovered from zones in existing wells that will require additional completion work or future re-completion before start of production with minor cost to access these reserves.*

*In all cases, production can be initiated or restored with relatively low expenditure compared to the cost of drilling a new well.*

#### **UNDEVELOPED RESERVES (SEC DEFINITIONS)**

Securities and Exchange Commission Regulation S-X §210.4-10(a)(31) defines undeveloped oil and gas reserves as follows:

*Undeveloped oil and gas reserves are reserves of any category that are expected to be recovered from new wells on undrilled acreage, or from existing wells where a relatively major expenditure is required for recompletion.*

- (1) Reserves on undrilled acreage shall be limited to those directly offsetting development spacing areas that are reasonably certain of production when drilled, unless evidence using reliable technology exists that establishes reasonable certainty of economic producibility at greater distances.*
- (ii) Undrilled locations can be classified as having undeveloped reserves only if a development plan has been adopted indicating that they are scheduled to be drilled within five years, unless the specific circumstances, justify a longer time.*

*(iii) Under no circumstances shall estimates for undeveloped reserves be attributable to any acreage for which an application of fluid injection or other improved recovery technique is contemplated, unless such techniques have been proved effective by actual projects in the same reservoir or an analogous reservoir, as defined in paragraph (a)(2) of this section, or by other evidence using reliable technology establishing reasonable certainty.*

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