

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

Form 10-Q

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

For the quarterly period ended September 30, 2021

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

FOR THE TRANSITION PERIOD FROM _____ TO _____

Commission File No. 001-37917

Mammoth Energy Services, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

32-0498321

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

14201 Caliber Drive, Suite 300

Oklahoma City, Oklahoma

(Address of principal executive offices)

(405) 608-6007

(Registrant's telephone number, including area code)

73134

(Zip Code)

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

Title of each class

Common Stock

Trading Symbol(s)

TUSK

Name of each exchange on which registered

The Nasdaq Stock Market LLC
NASDAQ Global Select Market

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 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

Accelerated filer

Non-accelerated filer

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period 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 is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

As of November 3, 2021, there were 46,684,065 shares of common stock, \$0.01 par value, outstanding.

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GLOSSARY OF OIL AND NATURAL GAS AND ELECTRICAL INFRASTRUCTURE TERMS

The following is a glossary of certain oil and natural gas industry terms used in this Quarterly Report on Form 10-Q (this “report” or “Quarterly Report”):

Acidizing	To pump acid into a wellbore to improve a well’s productivity or injectivity.
Blowout	An uncontrolled flow of reservoir fluids into the wellbore, and sometimes catastrophically to the surface. A blowout may consist of salt water, oil, natural gas or a mixture of these. Blowouts can occur in all types of exploration and production operations, not just during drilling operations. If reservoir fluids flow into another formation and do not flow to the surface, the result is called an underground blowout. If the well experiencing a blowout has significant open-hole intervals, it is possible that the well will bridge over (or seal itself with rock fragments from collapsing formations) down-hole and intervention efforts will be averted.
Bottomhole assembly	The lower portion of the drillstring, consisting of (from the bottom up in a vertical well) the bit, bit sub, a mud motor (in certain cases), stabilizers, drill collar, heavy-weight drillpipe, jarring devices (“jars”) and crossovers for various threadforms. The bottomhole assembly must provide force for the bit to break the rock (weight on bit), survive a hostile mechanical environment and provide the driller with directional control of the well. Oftentimes the assembly includes a mud motor, directional drilling and measuring equipment, measurements-while-drilling tools, logging-while-drilling tools and other specialized devices.
Cementing	To prepare and pump cement into place in a wellbore.
Coiled tubing	A long, continuous length of pipe wound on a spool. The pipe is straightened prior to pushing into a wellbore and rewound to coil the pipe back onto the transport and storage spool. Depending on the pipe diameter (1 in. to 4 1/2 in.) and the spool size, coiled tubing can range from 2,000 ft. to 23,000 ft. (610 m to 6,096 m) or greater length.
Completion	A generic term used to describe the assembly of down-hole tubulars and equipment required to enable safe and efficient production from an oil or gas well. The point at which the completion process begins may depend on the type and design of the well.
Directional drilling	The intentional deviation of a wellbore from the path it would naturally take. This is accomplished through the use of whipstocks, bottomhole assembly (BHA) configurations, instruments to measure the path of the wellbore in three-dimensional space, data links to communicate measurements taken down-hole to the surface, mud motors and special BHA components and drill bits, including rotary steerable systems, and drill bits. The directional driller also exploits drilling parameters such as weight on bit and rotary speed to deflect the bit away from the axis of the existing wellbore. In some cases, such as drilling steeply dipping formations or unpredictable deviation in conventional drilling operations, directional-drilling techniques may be employed to ensure that the hole is drilled vertically. While many techniques can accomplish this, the general concept is simple: point the bit in the direction that one wants to drill. The most common way is through the use of a bend near the bit in a down-hole steerable mud motor. The bend points the bit in a direction different from the axis of the wellbore when the entire drillstring is not rotating. By pumping mud through the mud motor, the bit turns while the drillstring does not rotate, allowing the bit to drill in the direction it points. When a particular wellbore direction is achieved, that direction may be maintained by rotating the entire drillstring (including the bent section) so that the bit does not drill in a single direction off the wellbore axis, but instead sweeps around and its net direction coincides with the existing wellbore. Rotary steerable tools allow steering while rotating, usually with higher rates of penetration and ultimately smoother boreholes.
Down-hole	Pertaining to or in the wellbore (as opposed to being on the surface).
Down-hole motor	A drilling motor located in the drill string above the drilling bit powered by the flow of drilling mud. Down-hole motors are used to increase the speed and efficiency of the drill bit or can be used to steer the bit in directional drilling operations. Drilling motors have become very popular because of horizontal and directional drilling applications and the day rates for drilling rigs.
Drilling rig	The machine used to drill a wellbore.
Drillpipe or Drill pipe	Tubular steel conduit fitted with special threaded ends called tool joints. The drillpipe connects the rig surface equipment with the bottomhole assembly and the bit, both to pump drilling fluid to the bit and to be able to raise, lower and rotate the bottomhole assembly and bit.
Drillstring or Drill string	The combination of the drillpipe, the bottomhole assembly and any other tools used to make the drill bit turn at the bottom of the wellbore.
Flowback	The process of allowing fluids to flow from the well following a treatment, either in preparation for a subsequent phase of treatment or in preparation for cleanup and returning the well to production.
Horizontal drilling	A subset of the more general term “directional drilling,” used where the departure of the wellbore from vertical exceeds about 80 degrees. Note that some horizontal wells are designed such that after reaching true 90-degree horizontal, the wellbore may actually start drilling upward. In such cases, the angle past 90 degrees is continued, as in 95 degrees, rather than reporting it as deviation from vertical, which would then be 85 degrees. Because a horizontal well typically penetrates a greater length of the reservoir, it can offer significant production improvement over a vertical well.
Hydraulic fracturing	A stimulation treatment routinely performed on oil and gas wells in low permeability reservoirs. Specially engineered fluids are pumped at high pressure and rate into the reservoir interval to be treated, causing a vertical fracture to open. The wings of the fracture extend away from the wellbore in opposing directions according to the natural stresses within the formation. Proppant, such as grains of sand of a particular size, is mixed with the treatment fluid to keep the fracture open when the treatment is complete. Hydraulic fracturing creates high-conductivity communication with a large area of formation and bypasses any damage that may exist in the near-wellbore area.

Hydrocarbon	A naturally occurring organic compound comprising hydrogen and carbon. Hydrocarbons can be as simple as methane, but many are highly complex molecules, and can occur as gases, liquids or solids. Petroleum is a complex mixture of hydrocarbons. The most common hydrocarbons are natural gas, oil and coal.
Mesh size	The size of the proppant that is determined by sieving the proppant through screens with uniform openings corresponding to the desired size of the proppant. Each type of proppant comes in various sizes, categorized as mesh sizes, and the various mesh sizes are used in different applications in the oil and natural gas industry. The mesh number system is a measure of the number of equally sized openings per square inch of screen through which the proppant is sieved.
Mud motors	A positive displacement drilling motor that uses hydraulic horsepower of the drilling fluid to drive the drill bit. Mud motors are used extensively in directional drilling operations.
Natural gas liquids	Components of natural gas that are liquid at surface in field facilities or in gas processing plants. Natural gas liquids can be classified according to their vapor pressures as low (condensate), intermediate (natural gasoline) and high (liquefied petroleum gas) vapor pressure.
Nitrogen pumping unit	A high-pressure pump or compressor unit capable of delivering high-purity nitrogen gas for use in oil or gas wells. Two basic types of units are commonly available: a nitrogen converter unit that pumps liquid nitrogen at high pressure through a heat exchanger or converter to deliver high-pressure gas at ambient temperature, and a nitrogen generator unit that compresses and separates air to provide a supply of high pressure nitrogen gas.
Plugging	The process of permanently closing oil and gas wells no longer capable of producing in economic quantities. Plugging work can be performed with a well servicing rig along with wireline and cementing equipment; however, this service is typically provided by companies that specialize in plugging work.
Plug	A down-hole packer assembly used in a well to seal off or isolate a particular formation for testing, acidizing, cementing, etc.; also a type of plug used to seal off a well temporarily while the wellhead is removed.
Pounds per square inch	A unit of pressure. It is the pressure resulting from a one pound force applied to an area of one square inch.
Pressure pumping	Services that include the pumping of liquids under pressure.
Producing formation	An underground rock formation from which oil, natural gas or water is produced. Any porous rock will contain fluids of some sort, and all rocks at considerable distance below the Earth's surface will initially be under pressure, often related to the hydrostatic column of ground waters above the reservoir. To produce, rocks must also have permeability, or the capacity to permit fluids to flow through them.
Proppant	Sized particles mixed with fracturing fluid to hold fractures open after a hydraulic fracturing treatment. In addition to naturally occurring sand grains, man-made or specially engineered proppants, such as resin-coated sand or high-strength ceramic materials like sintered bauxite, may also be used. Proppant materials are carefully sorted for size and sphericity to provide an efficient conduit for production of fluid from the reservoir to the wellbore.
Resource play	Accumulation of hydrocarbons known to exist over a large area.
Shale	A fine-grained, fissile, sedimentary rock formed by consolidation of clay- and silt-sized particles into thin, relatively impermeable layers.
Tight oil	Conventional oil that is found within reservoirs with very low permeability. The oil contained within these reservoir rocks typically will not flow to the wellbore at economic rates without assistance from technologically advanced drilling and completion processes. Commonly, horizontal drilling coupled with multistage fracturing is used to access these difficult to produce reservoirs.
Tight sands	A type of unconventional tight reservoir. Tight reservoirs are those which have low permeability, often quantified as less than 0.1 millidarcies.
Tubulars	A generic term pertaining to any type of oilfield pipe, such as drill pipe, drill collars, pup joints, casing, production tubing and pipeline.
Unconventional resource	A term for the different manner by which resources are exploited as compared to the extraction of conventional resources. In unconventional drilling, the wellbore is generally drilled to specific objectives within narrow parameters, often across long, lateral intervals within narrow horizontal formations offering greater contact area with the producing formation. Typically, the well is then hydraulically fractured at multiple stages to optimize production.
Wellbore	The physical conduit from surface into the hydrocarbon reservoir.
Well stimulation	A treatment performed to restore or enhance the productivity of a well. Stimulation treatments fall into two main groups, hydraulic fracturing treatments and matrix treatments. Fracturing treatments are performed above the fracture pressure of the reservoir formation and create a highly conductive flow path between the reservoir and the wellbore. Matrix treatments are performed below the reservoir fracture pressure and generally are designed to restore the natural permeability of the reservoir following damage to the near wellbore area. Stimulation in shale gas reservoirs typically takes the form of hydraulic fracturing treatments.
Wireline	A general term used to describe well-intervention operations conducted using single-strand or multi-strand wire or cable for intervention in oil or gas wells. Although applied inconsistently, the term commonly is used in association with electric logging and cables incorporating electrical conductors.
Workover	The process of performing major maintenance or remedial treatments on an oil or gas well. In many cases, workover implies the removal and replacement of the production tubing string after the well has been killed and a workover rig has been placed on location. Through-tubing workover operations, using coiled tubing, snubbing or slickline equipment, are routinely conducted to complete treatments or well service activities that avoid a full workover where the tubing is removed. This operation saves considerable time and expense.

The following is a glossary of certain electrical infrastructure industry terms used in this report:

Distribution	The distribution of electricity from the transmission system to individual customers.
Substation	A part of an electrical transmission and distribution system that transforms voltage from high to low, or the reverse.
Transmission	The movement of electrical energy from a generating site, such as a power plant, to an electric substation.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

Various statements contained in this report that express a belief, expectation, or intention, or that are not statements of historical fact, are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, or the Exchange Act. In particular, the factors discussed in this report and detailed under Part II, Item 1A. Risk Factors in this report and our Annual Report on Form 10-K for the year ended December 31, 2020 could affect our actual results and cause our actual results to differ materially from expectations, estimates or assumptions expressed, forecasted or implied in such forward-looking statements.

Forward-looking statements may include statements about:

- the levels of capital expenditures by our customers and the impact of reduced drilling and completions activity on utilization and pricing for our oilfield services;
- the volatility of oil and natural gas prices and actions by OPEC members and other oil exporting nations, or OPEC+, affecting commodity price and production levels;
- the severity and duration of the COVID-19 pandemic, the related global and national health concerns and economic repercussions and the resulting negative impact on demand for Mammoth's services;
- operational challenges relating to the COVID-19 pandemic and efforts to mitigate the spread of the virus, including logistical challenges, remote work arrangements and protecting the health, safety and well-being of Mammoth's employees;
- the performance of contracts and supply chain disruptions during the COVID-19 pandemic;
- general economic, business or industry conditions;
- conditions in the capital, financial and credit markets;
- conditions of U.S. oil and natural gas industry and the effect of U.S. energy, monetary and trade policies;
- U.S. and global economic conditions and political and economic developments, including the effects of the recent U.S. presidential and congressional elections on energy and environmental policies;
- our ability to obtain capital or financing needed for our operations on favorable terms or at all;
- our ability to regain compliance with certain financial covenants and comply with other terms and conditions under our recently amended revolving credit facility;
- our ability to execute our business and financial strategies;
- our ability to continue to grow our infrastructure services segment, recommence certain of our suspended oilfield services or return our natural sand proppant services segment to profitability;
- any loss of one or more of our significant customers and its impact on our revenue, financial condition and results of operations;
- asset impairments;
- our ability to identify, complete and integrate acquisitions of assets or businesses;
- our ability to receive, or delays in receiving, permits and governmental approvals and/or payments, and to comply with applicable governmental laws and regulations;
- the outcome of a government investigation relating to the contracts awarded to one of our subsidiaries by the Puerto Rico Electric Power Authority and any resulting litigation;
- the outcome or settlement of our litigation matters discussed in this report, including the adverse impact of the recent settlements with Gulfport Energy Corporation and MasTec Renewables Puerto Rico, LLC, on our financial condition and results of operations;
- any future litigation, indemnity or other claims;
- regional supply and demand factors, delays or interruptions of production, and any governmental order, rule or regulation that may impose production limits on our customers;
- the availability of transportation, pipeline and storage facilities and any increase in related costs;
- extreme weather conditions, such as the severe winter storms in February 2021 in the Permian Basin where we provide well completion and drilling services;
- access to and restrictions on use of water;
- technology;
- civil unrest or terrorist attacks;
- cybersecurity issues as digital technologies may become more vulnerable and experience a higher rate of cyberattacks due to increased use of remote connectivity in the workplace;
- competition within the energy services industry;
- availability of equipment, materials or skilled personnel or other labor resources;
- payment of any future dividends;
- future operating results; and

- capital expenditures and other plans, objectives, expectations and intentions.

All of these types of statements, other than statements of historical fact included in this quarterly report, are forward-looking statements. These forward-looking statements may be found in the “Business,” “Risk Factors,” “Management’s Discussion and Analysis of Financial Condition and Results of Operations,” and other sections of this quarterly report. In some cases, you can identify forward-looking statements by terminology such as “may,” “will,” “could,” “should,” “would,” “expect,” “plan,” “project,” “budget,” “intend,” “anticipate,” “believe,” “estimate,” “predict,” “potential,” “pursue,” “target,” “seek,” “objective,” “continue,” “will be,” “will benefit,” or “will continue,” the negative of such terms or other comparable terminology.

The forward-looking statements contained in this report are largely based on our expectations, which reflect estimates and assumptions made by our management. These estimates and assumptions reflect our best judgment based on currently known market conditions and other factors, which are difficult to predict and many of which are beyond our control. Although we believe such estimates and assumptions to be reasonable, they are inherently uncertain and involve a number of risks and uncertainties that are beyond our control. In addition, our management’s assumptions about future events may prove to be inaccurate. Our management cautions all readers that the forward-looking statements contained in this report are not guarantees of future performance, and we cannot assure any reader that such statements will be realized or the forward-looking events and circumstances will occur. Actual results may differ materially from those anticipated or implied in the forward-looking statements due to many factors including those described in our Annual Report on Form 10-K for the year ended December 31, 2020 and Item 2. “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and elsewhere in this report. All forward-looking statements speak only as of the date of this report. We do not intend to publicly update or revise any forward-looking statements as a result of new information, future events or otherwise. These cautionary statements qualify all forward-looking statements attributable to us or persons acting on our behalf.

PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

MAMMOTH ENERGY SERVICES, INC.
CONDENSED CONSOLIDATED BALANCE SHEETS (unaudited)

ASSETS	September 30, 2021	December 31, 2020
(in thousands)		
CURRENT ASSETS		
Cash and cash equivalents	\$ 7,953	\$ 14,822
Short-term investment	1,760	1,750
Accounts receivable, net	402,035	393,112
Receivables from related parties, net	238	28,461
Inventories	9,438	12,020
Prepaid expenses	3,859	13,825
Other current assets	754	758
Total current assets	426,037	464,748
Property, plant and equipment, net	194,478	251,262
Sand reserves	64,806	65,876
Operating lease right-of-use assets	14,766	20,179
Intangible assets, net - customer relationships	277	408
Intangible assets, net - trade names	3,194	4,366
Goodwill	12,608	12,608
Deferred income tax asset	8,094	—
Other non-current assets	4,247	5,115
Total assets	\$ 728,507	\$ 824,562
LIABILITIES AND EQUITY		
CURRENT LIABILITIES		
Accounts payable	\$ 43,628	\$ 40,316
Payables to related parties	5	3
Accrued expenses and other current liabilities	54,724	44,408
Current operating lease liability	6,996	8,618
Current portion of long-term debt	1,449	1,165
Income taxes payable	39,283	34,088
Total current liabilities	146,085	128,598
Long-term debt, net of current portion	79,195	81,338
Deferred income tax liabilities	687	24,741
Long-term operating lease liability	7,591	11,377
Asset retirement obligations	3,682	4,746
Other liabilities	15,003	10,435
Total liabilities	252,243	261,235
COMMITMENTS AND CONTINGENCIES (Note 18)		
EQUITY		
Equity:		
Common stock, \$0.01 par value, 200,000,000 shares authorized, 46,684,065 and 45,769,283 issued and outstanding at September 30, 2021 and December 31, 2020	467	458
Additional paid in capital	537,980	537,039
Retained (deficit) earnings	(59,236)	28,895
Accumulated other comprehensive loss	(2,947)	(3,065)
Total equity	476,264	563,327
Total liabilities and equity	\$ 728,507	\$ 824,562

The accompanying notes are an integral part of these condensed consolidated financial statements.

MAMMOTH ENERGY SERVICES, INC.

CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE LOSS (unaudited)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
(in thousands, except per share amounts)				
REVENUE				
Services revenue	\$ 52,417	\$ 55,279	\$ 135,975	\$ 169,002
Services revenue - related parties	601	8,565	15,678	35,228
Product revenue	4,467	4,815	17,932	18,171
Product revenue - related parties	—	1,875	2,145	5,625
Total revenue	57,485	70,534	171,730	228,026
COST AND EXPENSES				
Services cost of revenue (exclusive of depreciation, depletion, amortization and accretion of \$35,587, \$53,448, \$20,424 and \$65,728, respectively, for the three months and nine months ended September 30, 2021 and three and nine months ended September 30, 2020)	43,538	41,445	128,703	154,397
Services cost of revenue - related parties (exclusive of depreciation, depletion, amortization and accretion of \$0, \$0, \$0 and \$0, respectively, for the three and nine months ended September 30, 2021 and three and nine months ended September 30, 2020)	181	131	397	329
Product cost of revenue (exclusive of depreciation, depletion, amortization and accretion of \$4,667, \$7,051, \$2,689 and \$7,344, respectively, for the three and nine months ended September 30, 2021 and three and nine months ended September 30, 2020)	9,865	4,353	22,939	21,862
Selling, general and administrative (Note 11)	41,866	11,979	74,312	36,063
Selling, general and administrative - related parties (Note 11)	—	201	385	614
Depreciation, depletion, amortization and accretion	19,148	23,132	60,559	73,130
Impairment of goodwill	—	—	—	54,973
Impairment of other long-lived assets	547	—	547	12,897
Total cost and expenses	115,145	81,241	287,842	354,265
Operating loss	(57,660)	(10,707)	(116,112)	(126,239)
OTHER INCOME (EXPENSE)				
Interest expense, net	(1,484)	(1,098)	(3,878)	(4,207)
Other income (expense), net	11,056	7,943	6,004	23,489
Other income (expense), net - related parties	—	1,099	(515)	2,232
Total other income (expense)	9,572	7,944	1,611	21,514
Loss before income taxes	(48,088)	(2,763)	(114,501)	(104,725)
Benefit for income taxes	(7,187)	(6,193)	(26,370)	(8,979)
Net (loss) income	\$ (40,901)	\$ 3,430	\$ (88,131)	\$ (95,746)
OTHER COMPREHENSIVE INCOME (LOSS)				
Foreign currency translation adjustment, net of tax of (\$69), (\$749), (\$95) and \$116, respectively, for the three and nine months ended September 30, 2021 and three and nine months ended September 30, 2020	(289)	324	118	(422)
Comprehensive (loss) income	\$ (41,190)	\$ 3,754	\$ (88,013)	\$ (96,168)
Net (loss) income per share (basic) (Note 14)	\$ (0.88)	\$ 0.07	\$ (1.90)	\$ (2.10)
Net (loss) income per share (diluted) (Note 14)	\$ (0.88)	\$ 0.07	\$ (1.90)	\$ (2.10)
Weighted average number of shares outstanding (basic) (Note 14)	46,683	45,764	46,342	45,603
Weighted average number of shares outstanding (diluted) (Note 14)	46,683	46,571	46,342	45,603

The accompanying notes are an integral part of these condensed consolidated financial statements.

MAMMOTH ENERGY SERVICES, INC.

CONDENSED CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY (unaudited)

Three Months Ended September 30, 2021						
	Common Stock		Retained (Deficit) Earnings	Additional Paid-In Capital	Accumulated Other Comprehensive Loss	Total
	Shares	Amount				
	(in thousands)					
Balance at June 30, 2021	46,681	\$ 467	\$ (18,335)	\$ 537,728	\$ (2,658)	517,202
Stock based compensation	3	—	—	252	—	252
Net loss	—	—	(40,901)	—	—	(40,901)
Other comprehensive loss	—	—	—	—	(289)	(289)
Balance at September 30, 2021	46,684	\$ 467	\$ (59,236)	\$ 537,980	\$ (2,947)	476,264

Three Months Ended September 30, 2020						
	Common Stock		Retained Earnings	Additional Paid-In Capital	Accumulated Other Comprehensive Loss	Total
	Shares	Amount				
	(in thousands)					
Balance at June 30, 2020	45,762	\$ 458	\$ 37,326	\$ 536,333	\$ (4,052)	570,065
Stock based compensation	3	—	—	352	—	352
Net income	—	—	3,430	—	—	3,430
Other comprehensive income	—	—	—	—	324	324
Balance at September 30, 2020	45,765	\$ 458	\$ 40,756	\$ 536,685	\$ (3,728)	574,171

Nine Months Ended September 30, 2021						
	Common Stock		Retained (Deficit) Earnings	Additional Paid-In Capital	Accumulated Other Comprehensive Loss	Total
	Shares	Amount				
	(in thousands)					
Balance at December 31, 2020	45,769	\$ 458	\$ 28,895	\$ 537,039	\$ (3,065)	563,327
Stock based compensation	915	9	—	941	—	950
Net loss	—	—	(88,131)	—	—	(88,131)
Other comprehensive income	—	—	—	—	118	118
Balance at September 30, 2021	46,684	\$ 467	\$ (59,236)	\$ 537,980	\$ (2,947)	476,264

Nine Months Ended September 30, 2020						
	Common Stock		Retained Earnings	Additional Paid-In Capital	Accumulated Other Comprehensive Loss	Total
	Shares	Amount				
	(in thousands)					
Balance at December 31, 2019	45,109	\$ 451	\$ 136,502	\$ 535,094	\$ (3,306)	668,741
Stock based compensation	656	7	—	1,591	—	1,598
Net loss	—	—	(95,746)	—	—	(95,746)
Other comprehensive loss	—	—	—	—	(422)	(422)
Balance at September 30, 2020	45,765	\$ 458	\$ 40,756	\$ 536,685	\$ (3,728)	574,171

The accompanying notes are an integral part of these condensed consolidated financial statements.

MAMMOTH ENERGY SERVICES, INC.
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (unaudited)

	Nine Months Ended September 30,	
	2021	2020
	(in thousands)	
Cash flows from operating activities:		
Net loss	\$ (88,131)	\$ (95,746)
Adjustments to reconcile net loss to cash (used in) provided by operating activities:		
Stock based compensation	950	1,598
Depreciation, depletion, accretion and amortization	60,559	73,130
Amortization of coil tubing strings	—	359
Amortization of debt origination costs	469	703
Bad debt expense	41,650	2,306
Gain on disposal of property and equipment	(4,632)	(927)
Impairment of goodwill	—	54,973
Impairment of other long-lived assets	547	12,897
Deferred income taxes	(32,183)	(7,334)
Other	502	581
Changes in assets and liabilities:		
Accounts receivable, net	(50,666)	(11,707)
Receivables from related parties	28,224	(31,152)
Inventories	2,582	3,827
Prepaid expenses and other assets	9,947	8,803
Accounts payable	2,597	(5,211)
Payables to related parties	2	(508)
Accrued expenses and other liabilities	6,627	(3,166)
Income taxes payable	5,192	(1,644)
Net cash (used in) provided by operating activities	<u>(15,764)</u>	<u>1,782</u>
Cash flows from investing activities:		
Purchases of property and equipment	(4,474)	(5,873)
Purchases of property and equipment from related parties	—	(76)
Proceeds from disposal of property and equipment	9,581	4,859
Net cash provided by (used in) investing activities	<u>5,107</u>	<u>(1,090)</u>
Cash flows from financing activities:		
Borrowings on long-term debt	31,700	30,800
Repayments of long-term debt	(33,571)	(21,000)
Proceeds from sale leaseback transaction	9,473	—
Payments on sale leaseback transaction	(2,106)	—
Principal payments on financing leases and equipment financing notes	(1,716)	(1,423)
Debt issuance costs	—	(1,000)
Net cash provided by financing activities	<u>3,780</u>	<u>7,377</u>
Effect of foreign exchange rate on cash	8	(57)
Net change in cash and cash equivalents	<u>(6,869)</u>	<u>8,012</u>
Cash and cash equivalents at beginning of period	14,822	5,872
Cash and cash equivalents at end of period	<u>\$ 7,953</u>	<u>\$ 13,884</u>
Supplemental disclosure of cash flow information:		
Cash paid for interest	\$ 3,236	\$ 3,637
Cash paid for income taxes, net of refunds received	\$ 978	\$ 13
Supplemental disclosure of non-cash transactions:		
Purchases of property and equipment included in accounts payable and accrued expenses	\$ 2,028	\$ 2,032

The accompanying notes are an integral part of these condensed consolidated financial statements.

1. Organization and Nature of Business

Mammoth Energy Services, Inc. (“Mammoth Inc.” or the “Company”), together with its subsidiaries, is an integrated, growth-oriented company serving both the oil and gas and the electric utility industries in North America and US territories. Mammoth Inc.’s infrastructure division provides construction, upgrade, maintenance and repair services to various public and private owned utilities. Its oilfield services division provides a diversified set of services to the exploration and production industry including well completion, natural sand and proppant services and drilling services. Additionally, the Company provides aviation services, equipment rentals, crude oil hauling, remote accommodation services, equipment manufacturing and infrastructure engineering and design services.

Operations

The Company’s infrastructure services include construction, upgrade, maintenance and repair services to the electrical infrastructure industry as well as repair and restoration services in response to storms and other disasters. The Company’s well completion services include equipment and personnel used in connection with the completion and early production of oil and natural gas wells. The Company’s natural sand proppant services include the distribution and production of natural sand proppant that is used primarily for hydraulic fracturing in the oil and gas industry. The Company’s drilling services provide drilling rigs and directional tools for both vertical and horizontal drilling of oil and natural gas wells. The Company also provides other services, including aviation, equipment rentals, crude oil hauling, remote accommodations, equipment manufacturing and infrastructure engineering and design services.

All of the Company’s operations are in North America. During the periods presented in this report, the Company provided its infrastructure services primarily in the northeastern, southwestern, midwestern and western portions of the United States. The Company’s infrastructure business depends on infrastructure spending on maintenance, upgrade, expansion and repair and restoration. Any prolonged decrease in spending by electric utility companies, delays or reductions in government appropriations or the failure of customers to pay their receivables could have a material adverse effect on the Company’s results of operations and financial condition. During the periods presented, the Company has operated its oil and natural gas businesses in the Permian Basin, the Utica Shale, the Eagle Ford Shale, the Marcellus Shale, the Granite Wash, the SCOOP, the STACK, the Cana-Woodford Shale, the Cleveland Sand and the oil sands located in Northern Alberta, Canada. The Company’s oil and natural gas business depends in large part on the conditions in the oil and natural gas industry and, specifically, on the amount of capital spending by its customers. Any prolonged increase or decrease in oil and natural gas prices affects the levels of exploration, development and production activity, as well as the entire health of the oil and natural gas industry. Continuation of or further decreases in the commodity prices for oil and natural gas would have a material adverse effect on the Company’s results of operations and financial condition.

2. Basis of Presentation and Significant Accounting Policies

Basis of Presentation

The accompanying unaudited condensed consolidated interim financial statements include the accounts of the Company and its subsidiaries and the variable interest entities (“VIE”) for which the Company is the primary beneficiary. All material intercompany accounts and transactions have been eliminated.

This report has been prepared in accordance with the rules and regulations of the Securities and Exchange Commission, and reflects all adjustments, which in the opinion of management are necessary for the fair presentation of the results for the interim periods, on a basis consistent with the annual audited consolidated financial statements. All such adjustments are of a normal, recurring nature. Certain information, accounting policies and footnote disclosures normally included in financial statements prepared in accordance with generally accepted accounting principles (“GAAP”) have been omitted pursuant to such rules and regulations, although the Company believes that the disclosures are adequate to make the information presented not misleading. These unaudited condensed consolidated financial statements should be read in conjunction with the consolidated financial statements and the summary of significant accounting policies and notes thereto included in the Company’s most recent annual report on Form 10-K.

Accounts Receivable

Accounts receivable include amounts due from customers for services performed or goods sold. The Company grants credit to customers in the ordinary course of business and generally does not require collateral. Prior to granting credit to customers, the Company analyzes the potential customer’s risk profile by utilizing a credit report, analyzing macroeconomic factors and using its knowledge of the industry, among other factors. Most areas in the continental United

States in which the Company operates provide for a mechanic's lien against the property on which the service is performed if the lien is filed within the statutorily specified time frame. Customer balances are generally considered delinquent if unpaid by the 30th day following the invoice date and credit privileges may be revoked if balances remain unpaid. Interest on delinquent accounts receivable is recognized in other income when chargeable and collectability is reasonably assured.

During the period October 2017 through March 2019, the Company provided infrastructure services in Puerto Rico under master services agreements entered into by Cobra Acquisitions LLC ("Cobra"), one of the Company's subsidiaries, with the Puerto Rico Electric Power Authority ("PREPA") to perform repairs to PREPA's electrical grid as a result of Hurricane Maria. During the three and nine months ended September 30, 2021 and three and nine months ended September 30, 2020, the Company charged interest on delinquent accounts receivable pursuant to the terms of its agreements with PREPA totaling \$9.3 million and \$27.0 million, respectively, and \$8.2 million and \$23.8 million, respectively. These amounts are included in "other income (expense), net" on the unaudited condensed consolidated statement of comprehensive loss. Included in "accounts receivable, net" on the unaudited condensed consolidated balance sheets as of September 30, 2021 and December 31, 2020 were interest charges of \$101.2 million and \$74.3 million, respectively.

The Company regularly reviews receivables and provides for expected losses through an allowance for doubtful accounts. In evaluating the level of established reserves, the Company makes judgments regarding its customers' ability to make required payments, economic events and other factors. As the financial condition of customers changes, circumstances develop, or additional information becomes available, adjustments to the allowance for doubtful accounts may be required. In the event the Company expects that a customer may not be able to make required payments, the Company would increase the allowance through a charge to income in the period in which that determination is made. If it is determined that previously reserved amounts are collectible, the Company would decrease the allowance through a credit to income in the period in which that determination is made. Uncollectible accounts receivable are periodically charged against the allowance for doubtful accounts once a final determination is made regarding their collectability.

Following is a roll forward of the allowance for doubtful accounts for the year ended December 31, 2020 and the nine months ended September 30, 2021 (in thousands):

Balance, January 1, 2020	\$	5,154
Additions charged to bad debt expense		22,705
Additions charged to other selling, general and administrative expense		3,950
Additions charged to other (expense) income, net - related parties		1,427
Recoveries of receivables previously charged to bad debt expense		(747)
Deductions for uncollectible receivables written off		(2,350)
Balance, December 31, 2020		<u>30,139</u>
Additions charged to bad debt expense		41,799
Additions charged to revenue		27,071
Additions charged to other selling, general and administrative expense		273
Additions charged to other income (expense), net - related parties		515
Additions charged to other income (expense), net		1,394
Recoveries of receivables previously charged to bad debt expense		(149)
Deductions for uncollectible receivables written off		(82,426)
Balance, September 30, 2021	\$	<u><u>18,616</u></u>

The Company's subsidiaries Stingray Pressure Pumping LLC ("Stingray Pressure Pumping") and Muskie Proppant LLC ("Muskie") were party to a pressure pumping contract and a sand supply contract, respectively, with Gulfport Energy Corporation ("Gulfport"). On November 13, 2020, Gulfport filed petitions for voluntary relief under chapter 11 of the Bankruptcy Code. On May 17, 2021, Gulfport emerged from bankruptcy. As of November 13, 2020, Gulfport owed the Company approximately \$46.9 million, which included interest charges of \$3.3 million and attorneys' fees of \$1.8 million. FASB ASC 326, *Financial Instruments-Credit Losses*, requires a company to reflect its current estimate of all expected credit losses. As a result, the Company recorded reserves on its pre-petition receivables due from Gulfport for products and services, interest and attorneys' fees of \$19.4 million, \$1.4 million and \$1.8 million, respectively, during the year ended December 31, 2020. On March 22, 2021, Gulfport listed the Stingray Pressure Pumping and Muskie contracts on its master rejection schedule filed with the bankruptcy court. During the first quarter of 2021, the Company recognized unliquidated damages of approximately \$46.4 million and recorded reserves on these unliquidated damages as a reduction to revenue of \$27.1 million and to bad debt expense of \$3.8 million. Also during the first quarter of 2021, the Company recorded additional reserves on its pre-petition products and services and interest receivables of \$6.1 million and \$0.5 million, respectively. On September 21, 2021, the Company and Gulfport reached a settlement under which all litigation relating to the Stingray Pressure Pumping contract and the Muskie contract will be terminated, Stingray Pressure Pumping will release all claims against Gulfport and its subsidiaries with respect to Gulfport's bankruptcy proceedings, each of the parties will release all claims they had against the others with respect to the litigation matters discussed in Note 18, and Muskie will have an allowed general unsecured claim against Gulfport of \$3.1 million. The settlement remains subject to the final approval by the bankruptcy court overseeing Gulfport's bankruptcy. As a result of the settlement, during the three months ended September 30, 2021, the Company wrote off its remaining receivable related to the Stingray Pressure Pumping claim resulting in bad debt expense and other expense of \$31.0 million and \$1.3 million, respectively, and recorded additional bad debt expense related to the Muskie claim totaling \$0.2 million. The Company had net accounts receivable due from Gulfport totaling \$0.1 million as of September 30, 2021, which is included in "accounts receivable, net" on the unaudited condensed consolidated balance sheets. See Note 3.

Additionally, the Company has made specific reserves consistent with Company policy which resulted in additions to allowance for doubtful accounts totaling \$0.6 million and \$3.3 million, respectively, for the nine months ended September 30, 2021 and year ended December 31, 2020. These additions were charged to bad debt expense based on the factors described above. Also, during the nine months ended September 30, 2021 and year ended December 31, 2020, the Company recorded additions to allowance for doubtful accounts of \$0.3 million and \$2.2 million, respectively, related to insurance claim receivables for its directors and officers liability policy. The Company will continue to pursue collection until such time as final determination is made consistent with Company policy.

As of September 30, 2021, PREPA owed Cobra approximately \$227.0 million for services performed, excluding \$101.2 million of interest charged on these delinquent balances as of September 30, 2021. The Company believes these receivables are collectible. PREPA, however, is currently subject to bankruptcy proceedings, which were filed in July 2017 and are currently pending in the U.S. District Court for the District of Puerto Rico. As a result, PREPA's ability to meet its payment obligations is largely dependent upon funding from the Federal Emergency Management Agency ("FEMA") or other sources. On September 30, 2019, Cobra filed a motion with the U.S. District Court for the District of Puerto Rico seeking recovery of the amounts owed to Cobra by PREPA, which motion was stayed by the court. On March 25, 2020, Cobra filed an urgent motion to modify the stay order and allow the recovery of approximately \$61.7 million in claims related to a tax gross-up provision contained in the emergency master service agreement, as amended, that was entered into with PREPA on October 19, 2017. This emergency motion was denied on June 3, 2020 and the court extended the stay of our motion. On December 9, 2020, the Court again extended the stay of our motion and directed PREPA to file a status motion by June 7, 2021. On April 6, 2021, Cobra filed a motion to lift the stay order. Following this filing, PREPA initiated discussion with Cobra, which resulted in PREPA and Cobra filing a joint motion to adjourn all deadlines relative to the April 6, 2021 motion until the June 16, 2021 omnibus hearing as a result of PREPA's understanding that FEMA would release a report in the near future relating to the emergency master service agreement between PREPA and Cobra that was executed on October 19, 2017. The joint motion was granted by the court on April 14, 2021. On May 26, 2021, FEMA issued a Determination Memorandum related to the first contract between Cobra and PREPA in which, among other things, FEMA raised two contract compliance issues and, as a result, concluded that approximately \$47 million in costs were not authorized costs under the contract. On June 14, 2021, the Court issued an order adjourning Cobra's motion to lift the stay order to a hearing on August 4, 2021 and directing Cobra and PREPA to meet and confer in good faith concerning, among other things, (i) the May 26, 2021 Determination Memorandum issued by FEMA and (ii) whether and when a second determination memorandum is expected. The parties were further directed to file an additional status report, which was filed on July 20, 2021. On July 23, 2021, with the aid of Mammoth, PREPA filed an appeal of the entire \$47 million that FEMA de-obligated in the May 26, 2021 Determination Memorandum. On August 4, 2021, the Court denied Cobra's April 6, 2021 motion to lift the stay order, extended the stay of Cobra's motion

seeking recovery of amounts owed to Cobra and directed the parties to file a joint status report by January 19, 2022. In the event PREPA (i) does not have or does not obtain the funds necessary to satisfy its obligations to Cobra under the contracts, (ii) obtains the necessary funds but refuses to pay the amounts owed to the Company or (iii) otherwise does not pay amounts owed to the Company for services performed, the receivable may not be collectible.

Concentrations of Credit Risk and Significant Customers

Financial instruments that potentially subject the Company to concentrations of credit risk consist of cash and cash equivalents in excess of federally insured limits and trade receivables. Following is a summary of our significant customers based on percentages of total accounts receivable balances at September 30, 2021 and December 31, 2020 and percentages of total revenues derived for the three and nine months ended September 30, 2021 and 2020:

	REVENUES				ACCOUNTS RECEIVABLE	
	Three Months Ended September 30,		Nine Months Ended September 30,		At September 30,	At December 31,
	2021	2020	2021	2020	2021	2020
Customer A ^(a)	— %	— %	— %	— %	82 %	71 %
Customer B ^(b)	— %	15 %	10 %	18 %	— %	9 %
Customer C ^(c)	24 %	— %	8 %	— %	3 %	— %
Customer D ^(d)	7 %	8 %	9 %	10 %	1 %	2 %

- Customer A is a third-party customer. The accounts receivable balances from Customer A were derived from the Company's infrastructure services segment. Accounts receivable for Customer A also includes receivables due for interest charged on delinquent accounts receivable.
- Customer B was a related-party customer until June 29, 2021. Revenues earned from this customer prior to June 29, 2021 are included in services revenue - related parties and product revenue - related parties on the unaudited condensed consolidated statements of comprehensive loss. The related accounts receivable are included in accounts receivable, net on the unaudited condensed consolidated balance sheet at September 30, 2021 and receivables due from related parties, net at December 31, 2020. Revenues and the related accounts receivable balances earned from Customer B were derived from the Company's well completion services segment, natural sand proppant services segment and other businesses. Accounts receivable for Customer B also includes receivables due for interest charged on delinquent accounts receivable.
- Customer C is a third-party customer. Revenues and the related accounts receivable balances earned from Customer C were derived from the Company's well completion services segment.
- Customer D is a third-party customer. Revenues and the related accounts receivable balances earned from Customer D were derived from the Company's infrastructure services segment.

Fair Value of Financial Instruments

The Company's financial instruments consist of cash and cash equivalents, trade receivables, trade payables, amounts receivable or payable to related parties and long-term debt. The carrying amount of cash and cash equivalents, trade receivables, receivables from related parties and trade payables approximates fair value because of the short-term nature of the instruments. The fair value of long-term debt approximates its carrying value because the cost of borrowing fluctuates based upon market conditions.

3. Revenue

The Company's primary revenue streams include infrastructure services, well completion services, natural sand proppant services, drilling services and other services, which includes coil tubing, pressure control, flowback, cementing, acidizing, equipment rentals, full service transportation, crude oil hauling, remote accommodations, equipment manufacturing and infrastructure engineering and design services. See Note 19 for the Company's revenue disaggregated by type.

Certain of the Company's customer contracts include provisions entitling the Company to a termination penalty when the customer invokes its contractual right to terminate prior to the contract's nominal end date. The termination penalties in the customer contracts vary, but are generally considered substantive for accounting purposes and create enforceable rights and obligations throughout the stated duration of the contract. The Company accounts for a contract cancellation as a contract modification in the period in which the customer invokes the termination provision. The determination of the contract termination penalty is based on the terms stated in the related customer agreement. As of the modification date, the Company updates its estimate of the transaction price using the expected value method, subject to constraints, and recognizes the amount over the remaining performance period.

Infrastructure Services

Infrastructure services are typically provided pursuant to master service agreements, repair and maintenance contracts or fixed price and non-fixed price installation contracts. Pricing under these contracts may be unit priced, cost-plus/hourly (or time and materials basis) or fixed price (or lump sum basis). Generally, the Company accounts for infrastructure services as a single performance obligation satisfied over time. In certain circumstances, the Company supplies materials that are utilized during the jobs as part of the agreement with the customer. The Company accounts for these infrastructure agreements as multiple performance obligations satisfied over time. Revenue is recognized over time as work progresses based on the days completed or as the contract is completed. Under certain customer contracts in our infrastructure services segment, the Company warrants equipment and labor performed for a specified period following substantial completion of the work.

Well Completion Services

Well completion services are typically provided based upon a purchase order, contract or on a spot market basis. Services are provided on a day rate, contracted or hourly basis. Generally, the Company accounts for well completion services as a single performance obligation satisfied over time. In certain circumstances, the Company supplies proppant that is utilized for pressure pumping as part of the agreement with the customer. The Company accounts for these pressure pumping agreements as multiple performance obligations satisfied over time. Jobs for these services are typically short-term in nature and range from a few hours to multiple days. Generally, revenue is recognized over time upon the completion of each segment of work based upon a completed field ticket, which includes the charges for the services performed, mobilization of the equipment to the location, consumable supplies and personnel.

Pursuant to a contract with Gulfport, Stingray Pressure Pumping agreed to provide Gulfport with use of up to two pressure pumping fleets for the period covered by the contract. Under this agreement, performance obligations were satisfied as services were rendered based on the passage of time rather than the completion of each segment of work. Stingray Pressure Pumping had the right to receive consideration from this customer even if circumstances prevent us from performing work. All consideration owed to Stingray Pressure Pumping for services performed during the contractual period is fixed and the right to receive it is unconditional. Gulfport has filed a legal action in Delaware state court seeking the termination of this contract and monetary damages. Further, on November 13, 2020, Gulfport filed petitions for voluntary relief under chapter 11 of the Bankruptcy Code. On March 22, 2021, Gulfport listed the Stingray Pressure Pumping contract on its master rejection schedule filed with the bankruptcy court. The Company determined that these factors changed the scope of the contract, accelerated the duration of, and otherwise changed the rights and obligations of each party to the contract. As a result, the Company accounted for this as a contract modification during the three months ended March 31, 2021. Stingray Pressure Pumping used the expected value method to estimate unliquidated damages totaling \$37.9 million, which resulted in the recognition of net revenue totaling \$14.8 million and bad debt expense of \$2.9 million on previously recognized revenue during the three months ended March 31, 2021. On September 21, 2021, the Company and Gulfport reached a settlement under which all litigation relating to the Stingray Pressure Pumping contract will be terminated. Stingray Pressure Pumping will release all claims against Gulfport and its subsidiaries with respect to Gulfport's bankruptcy proceedings and each of the parties will release all claims they had against the others with respect to the litigation matters discussed in Note 18. The settlement remains subject to the final approval by the bankruptcy court overseeing Gulfport's bankruptcy. As a result of this settlement agreement, during the three months ended September 30, 2021, the Company wrote off its remaining receivable related to the Stingray Pressure Pumping claim resulting in bad debt expense and other expense of \$31.0 million and \$1.3 million, respectively. Gulfport was a related party until June 29, 2021. On June 29, 2021, pursuant to the terms of its plan of reorganization, all of the Company's shares that Gulfport owned were transferred to a trust for the benefit of certain of Gulfport's creditors. The revenue recognized related to this agreement is included in "services revenue - related parties" in the accompanying unaudited condensed consolidated statement of comprehensive loss and the related accounts receivable is included in "receivables due from related parties" as of December 31, 2020. See Notes 11 and 18 below.

Additional revenue is generated through labor charges and the sale of consumable supplies that are incidental to the service being performed. Such amounts are recognized ratably over the period during which the corresponding goods and services are consumed.

Natural Sand Proppant Services

The Company sells natural sand proppant through sand supply agreements with its customers. Under these agreements, sand is typically sold at a flat rate per ton or a flat rate per ton with an index-based adjustment. The Company recognizes revenue at the point in time when the customer obtains legal title to the product, which may occur at the production facility, rail origin or at the destination terminal.

Certain of the Company's sand supply agreements contain a minimum volume commitment related to sand purchases whereby the Company charges a shortfall payment if the customer fails to meet the required minimum volume commitment. These agreements may also contain make-up provisions whereby shortfall payments can be applied in future periods against purchased volumes exceeding the minimum volume commitment. If a make-up right exists, the Company has future performance obligations to deliver excess volumes of product in subsequent months. In accordance with ASC 606, if the customer fails to meet the minimum volume commitment, the Company will assess whether it expects the customer to fulfill its unmet commitment during the contractually specified make-up period based on discussions with the customer and management's knowledge of the business. If the Company expects the customer will make-up deficient volumes in future periods, revenue related to shortfall payments will be deferred and recognized on the earlier of the date on which the customer utilizes make-up volumes or the likelihood that the customer will exercise its right to make-up deficient volumes becomes remote. As of September 30, 2021, the Company had deferred revenue totaling \$7.3 million related to shortfall payments. This amount is included in "accrued expenses and other current liabilities" on the unaudited condensed consolidated balance sheet. If the Company does not expect the customer will make-up deficient volumes in future periods, the breakage model will be applied and revenue related to shortfall payments will be recognized when the model indicates the customer's inability to take delivery of excess volumes. The Company recognized revenue totaling \$6.0 million during the nine months ended September 30, 2021, respectively, and \$4.9 million and \$14.7 million during the three and nine months ended September 30, 2020, respectively, related to shortfall payments. The Company did not recognize any shortfall revenue during the three months ended September 30, 2021.

In certain of the Company's sand supply agreements, the customer obtains control of the product when it is loaded into rail cars and the customer reimburses the Company for all freight charges incurred. The Company has elected to account for shipping and handling as activities to fulfill the promise to transfer the sand. If revenue is recognized for the related product before the shipping and handling activities occur, the Company accrues the related costs of those shipping and handling activities.

Pursuant to its contract with Gulfport, Muskie agreed to sell and deliver specified amounts of sand to Gulfport. In September 2020, Muskie filed a lawsuit against Gulfport to recover delinquent payments due under this agreement. On November 13, 2020, Gulfport filed petitions for voluntary relief under chapter 11 of the Bankruptcy Code. On March 22, 2021, Gulfport listed the Muskie contract on its master rejection schedule filed with the bankruptcy court. The Company determined that these factors changed the scope of the contract, accelerated the duration of, and otherwise changed the rights and obligations of each party to the contract. As a result, the Company accounted for this as a contract modification during the three months ended March 31, 2021. Muskie used the expected value method to estimate unliquidated damages totaling \$8.5 million, which resulted in the recognition of net revenue totaling \$2.1 million and bad debt expense of \$1.0 million on previously recognized revenue during the three months ended March 31, 2021. On September 21, 2021, the Company and Gulfport reached a settlement under which all litigation relating to the Muskie contract will be terminated, each of the parties will release all claims they had against the others with respect to the litigation matters discussed in Note 18 and Muskie's contract claim against Gulfport will be allowed under Gulfport's plan of reorganization in the amount of \$3.1 million. The settlement remains subject to the final approval by the bankruptcy court overseeing Gulfport's bankruptcy. As a result of this settlement agreement, Muskie recognized bad debt expense of \$0.2 million during the three months ended September 30, 2021. As of September 30, 2021, Muskie had net accounts receivable due from Gulfport totaling \$0.1 million, which includes a nominal amount of interest on delinquent accounts receivable. Gulfport was a related party until June 29, 2021. The revenue recognized related to this agreement is included in "product revenue - related parties" in the accompanying unaudited condensed consolidated statement of comprehensive loss and the related accounts receivable is included in "accounts receivable, net" in the unaudited condensed consolidated balance sheets as of September 30, 2021 and "receivables due from related parties" as of December 31, 2020. See Notes 11 and 18 below.

Drilling Services

Contract drilling services were provided under daywork contracts. Directional drilling services, including motor rentals, are provided on a day rate or hourly basis, and revenue is recognized as work progresses. Performance obligations are satisfied over time as the work progresses based on the measure of output. Mobilization revenue and costs were recognized over the days of actual drilling. As a result of market conditions, the Company temporarily shut down its contract land drilling operations beginning in December 2019 and rig hauling operations beginning in April 2020.

Other Services

During the periods presented, the Company also provided aviation, coil tubing, pressure control, equipment rentals, full service transportation, crude oil hauling, remote accommodations, equipment manufacturing and infrastructure engineering and design services, which are reported under other services. As a result of market conditions, the Company

has temporarily shut down its coil tubing and full service transportation operations beginning in July 2020 and its crude oil hauling operations beginning in July 2021. The Company's other services are typically provided based upon a purchase order, contract or on a spot market basis. Services are provided on a day rate, contracted or hourly basis. Performance obligations for these services are satisfied over time and revenue is recognized as the work progresses based on the measure of output. Jobs for these services are typically short-term in nature and range from a few hours to multiple days.

Practical Expedients

The Company does not disclose the value of unsatisfied performance obligations for (i) contracts with an original expected length of one year or less and (ii) contracts in which variable consideration is allocated entirely to a wholly unsatisfied performance obligation or to a wholly unsatisfied distinct good or service that forms part of a single performance obligation.

Contract Balances

Following is a rollforward of the Company's contract liabilities (in thousands):

Balance, December 31, 2019	\$	7,244
Deduction for recognition of revenue		(25,047)
Increase for deferral of shortfall payments		25,436
Increase for deferral of customer prepayments		648
Balance, December 31, 2020		8,281
Deduction for recognition of revenue		(5,308)
Increase for deferral of shortfall payments		4,338
Increase for deferral of customer prepayments		187
Balance, September 30, 2021	\$	7,498

The Company did not have any contract assets as of September 30, 2021, December 31, 2020 or December 31, 2019.

Performance Obligations

Revenue recognized in the current period from performance obligations satisfied in previous periods was a nominal amount for the nine months ended September 30, 2021 and 2020. As of September 30, 2021, the Company had unsatisfied performance obligations totaling \$3.8 million, which will be recognized over the next six months.

4. Inventories

Inventories consist of raw sand and processed sand available for sale, chemicals and other products sold as a bi-product of completion and production operations and supplies used in performing services. Inventory is stated at the lower of cost or net realizable value on an average cost basis. The Company assesses the valuation of its inventories based upon specific usage, future utility, obsolescence and other factors. A summary of the Company's inventories is shown below (in thousands):

	September 30, 2021	December 31, 2020
Supplies	\$ 5,165	\$ 6,312
Raw materials	731	613
Work in process	2,900	3,478
Finished goods	642	1,617
Total inventories	\$ 9,438	\$ 12,020

5. Property, Plant and Equipment

Property, plant and equipment include the following (in thousands):

	Useful Life	September 30, 2021	December 31, 2020
Pressure pumping equipment	3-5 years	\$ 220,023	\$ 217,945
Drilling rigs and related equipment	3-15 years	112,223	113,146
Machinery and equipment	7-20 years	168,631	172,272
Buildings ^(a)	15-39 years	45,937	48,776
Vehicles, trucks and trailers	5-10 years	104,717	111,911
Coil tubing equipment	4-10 years	7,591	8,541
Land	N/A	13,417	13,417
Land improvements	15 years or life of lease	10,133	10,133
Rail improvements	10-20 years	13,793	13,793
Other property and equipment ^(b)	3-12 years	18,253	18,640
		714,718	728,574
Deposits on equipment and equipment in process of assembly ^(c)		3,857	3,191
		718,575	731,765
Less: accumulated depreciation ^(d)		524,097	480,503
Total property, plant and equipment, net		\$ 194,478	\$ 251,262

- a. Included in Buildings at each of September 30, 2021 and December 31, 2020 are costs of \$7.6 million related to assets under operating leases.
b. Included in Other property and equipment at each of September 30, 2021 and December 31, 2020 are costs of \$6.0 million related to assets under operating leases.
c. Deposits on equipment and equipment in process of assembly represents deposits placed with vendors for equipment that is in the process of assembly and purchased equipment that is being outfitted for its intended use. The equipment is not yet placed in service.
d. Includes accumulated depreciation of \$6.3 million and \$5.0 million at September 30, 2021 and December 31, 2020, respectively, related to assets under operating leases.

Impairment

Oil prices declined significantly in March 2020 as a result of geopolitical events that increased the supply of oil in the market as well as effects of the COVID-19 pandemic. As a result, the Company determined that it was more likely than not that the fair value of certain of its oilfield services assets were less than their carrying value. Therefore, the Company performed an interim impairment test. As a result of the test, the Company recorded the following impairments to its fixed assets during the first quarter of 2020 (in thousands):

Water transfer equipment	\$ 4,203
Crude oil hauling equipment	3,275
Coil tubing equipment	2,160
Flowback equipment	1,514
Rental equipment	1,308
Other equipment	437
Total impairment of other long-lived assets	\$ 12,897

The Company measured the fair values of these assets using direct and indirect observable inputs (Level 2) based on a market approach. The Company did not record any impairment of other long-lived assets during the three and nine months ended September 30, 2021.

Disposals

Proceeds from customers for horizontal and directional drilling services equipment damaged or lost down-hole are reflected in revenue with the carrying value of the related equipment charged to cost of service revenues and are reported as cash inflows from investing activities in the unaudited condensed consolidated statement of cash flows. For the nine months ended September 30, 2020, proceeds and gains from the sale of equipment damaged or lost down-hole were a nominal amount and \$0.7 million, respectively. The Company did not have any proceeds or gains from the sale of

equipment damaged or lost down-hole during the three and nine months ended September 30, 2021 and three months ended September 30, 2020.

Proceeds from assets sold or disposed of as well as the carrying value of the related equipment are reflected in "other income (expense), net" on the unaudited condensed consolidated statement of comprehensive loss. For the three and nine months ended September 30, 2021 and 2020, proceeds from the sale of equipment were \$4.9 million, \$9.5 million, \$2.7 million and \$4.9 million, respectively, and gains (losses) from the sale or disposal of equipment were \$3.0 million, \$4.6 million, (\$0.6) million and \$0.2 million, respectively.

Depreciation, depletion, amortization and accretion

A summary of depreciation, depletion, amortization and accretion expense is below (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
Depreciation expense	\$ 18,179	\$ 22,305	\$ 58,625	\$ 71,645
Depletion expense	684	545	1,069	638
Amortization expense	249	253	756	761
Accretion expense	36	29	109	86
Depreciation, depletion, amortization and accretion	\$ 19,148	\$ 23,132	\$ 60,559	\$ 73,130

6. Goodwill and Intangible Assets

Goodwill

Changes in the net carrying amount of goodwill by reporting segment (see Note 19) for the nine months ended September 30, 2021 and year ended December 31, 2020 are presented below (in thousands):

	Infrastructure	Well Completion	Sand	Other	Total
Balance as of January 1, 2020					
Goodwill	\$ 891	\$ 86,043	\$ 2,684	\$ 14,830	\$ 104,448
Accumulated impairment losses	—	(23,423)	(2,684)	(10,760)	(36,867)
	891	62,620	—	4,070	67,581
Acquisitions	—	—	—	—	—
Impairment losses	—	(53,406)	—	(1,567)	(54,973)
Balance as of December 31, 2020					
Goodwill	891	86,043	2,684	14,830	104,448
Accumulated impairment losses	—	(76,829)	(2,684)	(12,327)	(91,840)
	891	9,214	—	2,503	12,608
Acquisitions	—	—	—	—	—
Impairment losses	—	—	—	—	—
Balance as of September 30, 2021					
Goodwill	891	86,043	2,684	14,830	104,448
Accumulated impairment losses	—	(76,829)	(2,684)	(12,327)	(91,840)
	\$ 891	\$ 9,214	\$ —	\$ 2,503	\$ 12,608

Oil prices declined significantly in March 2020 as a result of geopolitical events that increased the supply of oil in the market as well as effects of the COVID-19 pandemic. As a result, the Company determined that it was more likely than not that the fair value of certain of its reporting units were less than their carrying value. Therefore, the Company performed an interim goodwill impairment test. The Company impaired goodwill associated with Stingray Pressure Pumping, Silverback Energy and WTL Oil LLC, resulting in a \$55.0 million impairment charge during the first quarter of 2020. To determine fair value, the Company used a combination of the income and market approaches. The income approach estimates the fair value based on anticipated cash flows that are discounted using a weighted average cost of

capital. The market approach estimates the fair value using comparative multiples, which involves significant judgment in the selection of the appropriate peer group companies and valuation multiples. The Company did not recognize any goodwill impairment during the three or nine months ended September 30, 2021.

Intangible Assets

The Company had the following definite lived intangible assets recorded (in thousands):

	September 30, 2021	December 31, 2020
Customer relationships	\$ 1,050	\$ 1,050
Trade names	8,413	9,063
Less: accumulated amortization - customer relationships	(773)	(642)
Less: accumulated amortization - trade names	(5,219)	(4,697)
Intangible assets, net	<u>\$ 3,471</u>	<u>\$ 4,774</u>

Amortization expense for intangible assets was \$0.2 million and \$0.3 million for the three months ended September 30, 2021 and 2020, respectively, and \$0.8 million for each of the nine months ended September 30, 2021 and 2020. The original life of customer relationships is six years as of September 30, 2021 with a remaining average useful life of 1.6 years. The original life of trade names ranges from 10 to 20 years as of September 30, 2021 with a remaining average useful life of 5.6 years.

Aggregated expected amortization expense for the future periods is expected to be as follows (in thousands):

Remainder of 2021	\$ 245
2022	982
2023	865
2024	739
2025	119
Thereafter	521
	<u>\$ 3,471</u>

Due to market conditions, the Company has temporarily shut down its crude oil hauling operations beginning in July 2021. As a result, the Company recognized impairment of trade names totaling \$0.5 million, which is included in impairment of other long-lived assets on the unaudited condensed statements of comprehensive income (loss).

7. Equity Method Investment

On December 21, 2018, Cobra Aviation Services LLC (“Cobra Aviation”) and Wexford Partners Investment Co. LLC (“Wexford Investment”), a related party, formed a joint venture under the name of Brim Acquisitions LLC (“Brim Acquisitions”) to acquire all outstanding equity interest in Brim Equipment Leasing, Inc. (“Brim Equipment”) for a total purchase price of approximately \$2.0 million. Cobra Aviation owns a 49% economic interest and Wexford Investment owns a 51% economic interest in Brim Acquisitions, and each member contributed its pro rata portion of Brim Acquisitions’ initial capital of \$2.0 million. Brim Acquisitions, through Brim Equipment, owns four commercial helicopters and leases five commercial helicopters for operations, which it uses to provide a variety of services, including short haul, aerial ignition, hoist operations, aerial photography, fire suppression, construction services, animal/capture/survey, search and rescue, airborne law enforcement, power line construction, precision long line operations, pipeline construction and survey, mineral and seismic exploration, and aerial seeding and fertilization.

The Company uses the equity method of accounting to account for its investment in Brim Acquisitions, which had a carrying value of approximately \$3.2 million and \$3.7 million at September 30, 2021 and December 31, 2020, respectively. The investment is included in “other non-current assets” on the unaudited condensed consolidated balance sheets. The Company recorded equity method adjustments to its investment of a nominal amount and (\$0.5) million for the three and nine months ended September 30, 2021, respectively, and \$0.5 million and (\$0.6) million for the three and nine months ended September 30, 2020, respectively. These amounts are included in “other income (expense), net” on the unaudited condensed consolidated statements of comprehensive loss.

8. Accrued Expenses and Other Current Liabilities and Other Long-Term Liabilities

Accrued expenses and other current liabilities and other long-term liabilities included the following (in thousands):

	September 30, 2021	December 31, 2020
Accrued legal settlement ^(a)	\$ 18,506	—
State and local taxes payable	14,169	13,838
Deferred revenue	7,498	8,281
Sale leaseback liability ^(b)	3,267	1,290
Accrued compensation and benefits	3,222	3,710
Payroll tax liability	1,897	1,816
Financing leases	1,817	1,499
Insurance reserves	1,637	1,941
Financed insurance premiums ^(c)	94	10,394
Other	2,623	1,639
Total accrued expenses and other current liabilities	\$ 54,726	44,408

Other Long-Term Liabilities

Sale leaseback liability ^(b)	\$ 8,203	3,348
Financing leases	4,840	4,618
Payroll tax liability	1,897	1,977
Other	63	492
Total other long-term liabilities	\$ 15,003	10,435

- a. In June 2021, the Company reached an agreement to settle a certain legal matter. See Note 18 for additional detail.
- b. On December 30, 2020, the Company entered into an agreement with First National Capital, LLC (“FNC”) whereby the Company agreed to sell certain assets from its infrastructure segment to FNC for aggregate proceeds of \$5.0 million. Concurrent with the sale of assets, the Company entered into a 36 month lease agreement whereby the Company agreed to lease back the assets at a monthly rental rate of \$0.1 million. On June 1, 2021, the Company entered into another agreement with FNC whereby the Company sold additional assets from its infrastructure segment to FNC for aggregate proceeds of \$9.5 million and entered into a 42 month lease agreement whereby the Company agreed to lease back the assets at a monthly rental rate of \$0.2 million. Under the agreements, the Company has the option to purchase the assets at the end of the lease terms. The Company recorded liabilities for the proceeds received and will continue to depreciate the assets. The Company has imputed an interest rate so that the carrying amount of the financial liabilities will be the expected repurchase price at the end of the initial lease terms.
- c. Financed insurance premiums are due in monthly installments, are unsecured and mature within the twelve-month period following the close of the year. As of September 30, 2021 and December 31, 2020, the applicable interest rate associated with financed insurance premiums ranged from 3.45% to 3.75%.

9. Debt

Long-term debt included the following (in thousands):

	September 30, 2021	December 31, 2020
Revolving credit facility	\$ 76,951	\$ 78,000
Aviation note	3,730	4,551
Unamortized debt issuance costs	(37)	(48)
Total debt	80,644	82,503
Less: current portion	1,449	1,165
Total long-term debt	\$ 79,195	\$ 81,338

Mammoth Credit Facility

On October 19, 2018, Mammoth Inc. and certain of its direct and indirect subsidiaries, as borrowers, entered into an amended and restated revolving credit and security agreement with the lenders party thereto and PNC Bank, National Association, as a lender and as administrative agent for the lenders, as amended and restated (the “revolving credit facility”). The revolving credit facility matures on October 19, 2023. Borrowings under the revolving credit facility are secured by the assets of Mammoth Inc., inclusive of the subsidiary companies, and are subject to a borrowing base calculation prepared monthly.

The revolving credit facility also contains various customary affirmative and restrictive covenants. Among the covenants are two financial covenants, including a maximum leverage ratio (2.5 to 1.0) and a minimum fixed charges coverage ratio of at least 1.1 to 1.0.

At September 30, 2021, there were outstanding borrowings under the revolving credit facility of \$77.0 million and \$43.2 million of available borrowing capacity under the facility, after giving effect to \$9.0 million of outstanding letters of credit. At December 31, 2020, there were outstanding borrowings under the revolving credit facility of \$78.0 million and \$38.7 million of borrowing capacity under the facility, after giving effect to \$13.0 million of outstanding letters of credit.

As of December 31, 2020, the Company was in compliance with its financial covenants under the revolving credit facility. However, as a result of the lack of payment from PREPA, which owed Cobra approximately \$328.2 million, including interest, as of September 30, 2021, the Company projected that it would likely breach the leverage ratio covenant contained in its revolving credit facility for the fiscal quarter ended September 30, 2021. On November 3, 2021, the Company entered into a third amendment to its revolving credit facility (the “Third Amendment”) to, among other things, (i) suspend the leverage ratio and fixed charges coverage ratio covenants for the quarters ending September 30, 2021 and December 31, 2021, (ii) permanently reduce the maximum revolving advance amount from \$130 million to \$120 million, (iii) add a minimum adjusted EBITDA financial covenant of \$6.0 million for the quarter ending December 31, 2021, (iv) set the applicable margin on all loans at 3.50% during the limited covenant waiver period, (v) add a requirement to maintain revolver availability of not less than \$10.0 million at all times during the limited covenant waiver period, (vi) permanently reduce the maximum revolving advance amount in an amount equal to fifty percent (50%) of any mandatory prepayments made with non-recurring proceeds that are received during the limited covenant waiver period, and (vii) eliminate the declaration of unrestricted subsidiaries during the limited covenant waiver period. The limited covenant waiver period commenced on the effective date of the Third Amendment and ends on the earlier to occur of (i) May 15, 2022, (ii) the Company reporting compliance with both the leverage ratio and the fixed charge coverage ratio covenants for either its fiscal quarter ending September 30, 2021 or December 31, 2021, and (iii) the occurrence of any event of default after the effective date of the Third Amendment. Under the Third Amendment, the Company also agreed to engage an advisor during the limited covenant waiver period to advise the Company and its subsidiaries with regard to, among other things, efforts to achieve certain operation efficiencies, improvement in results of operations, and general business strategy, and provide assistance to the Company and its subsidiaries in the preparation of the supplemental reporting and information required by the Third Amendment.

As of November 3, 2021, the Company had \$76.1 million in borrowings outstanding under its revolving credit facility, leaving an aggregate of \$24.1 million of available borrowing capacity under this facility, after giving effect to \$9.0 million of outstanding letters of credit, the \$10.0 million reduction in the borrowing base and the requirement to maintain a \$10.0 million reserve out of the available borrowing capacity during the limited waiver period.

If an event of default occurs under the revolving credit facility and remains uncured, it could have a material adverse effect on the Company's business, financial condition, liquidity and results of operations. The lenders (i) would not be required to lend any additional amounts to the Company, (ii) could elect to increase the interest rate by 200 basis points, (iii) could elect to declare all outstanding borrowings, together with accrued and unpaid interest and fees, to be due and payable, (iv) may have the ability to require the Company to apply all of its available cash to repay outstanding borrowings, and (v) may foreclose on substantially all of the Company's assets.

Aviation Note

On November 6, 2020, Leopard Aviation LLC ("Leopard") and Cobra Aviation entered into a 39 month promissory note agreement with Bank7 (the "Aviation Note") in an aggregate principal amount of \$4.6 million and received net proceeds of \$4.5 million. The Aviation Note bears interest at a rate based on the Wall Street Journal Prime Rate plus a margin of 1%. Principal and interest payments of \$0.1 million are due monthly beginning on March 1, 2021, with a final payment of \$0.2 million due on February 1, 2024. The Aviation Note is collateralized by Leopard and Cobra Aviation's assets, including a \$1.8 million certificate of deposit. The Aviation Note contains various customary affirmative and restrictive covenants. Included in the affirmative covenants is a minimum cash requirement, which requires Leopard and Cobra Aviation to maintain a minimum of \$0.75 million of cash in accounts held by Bank7 until August 1, 2021.

As of September 30, 2021, the Company did not meet the minimum debt coverage ratio of 1.25 to 1.0 set forth in the Aviation Note. On November 3, 2021, Bank7 granted the Company a waiver of this event of default. The waiver extended the minimum cash requirement until February 15, 2022.

10. Variable Interest Entities

Dire Wolf Energy Services LLC ("Dire Wolf") and Predator Aviation LLC ("Predator Aviation"), wholly owned subsidiaries of the Company, are party to Voting Trust Agreements with TVPX Aircraft Solutions Inc. (the "Voting Trustee"). Under the Voting Trust Agreements, Dire Wolf transferred 100% of its membership interest in Cobra Aviation and Predator Aviation transferred 100% of its membership interest in Leopard to the respective Voting Trustees in exchange for Voting Trust Certificates. Dire Wolf and Predator Aviation retained the obligation to absorb all expected returns or losses of Cobra Aviation and Leopard. Prior to the transfer of the membership interest to the Voting Trustee, Cobra Aviation was a wholly owned subsidiary of Dire Wolf and Leopard was a wholly owned subsidiary of Predator Aviation. Cobra Aviation owns two helicopters and support equipment, 100% of the equity interest in Air Rescue Systems Corporation ("ARS") and 49% of the equity interest in Brim Acquisitions. Leopard owns one helicopter. Dire Wolf and Predator Aviation entered into the Voting Trust Agreements in order to meet certain registration requirements.

Dire Wolf's and Predator Aviation's voting rights are not proportional to their respective obligations to absorb expected returns or losses of Cobra Aviation and Leopard, respectively, and all of Cobra Aviation's and Leopard's activities are conducted on behalf of Dire Wolf and Predator Aviation, which have disproportionately fewer voting rights; therefore, Cobra Aviation and Leopard meet the criteria of a VIE. Cobra Aviation and Leopard's operational activities are directed by Dire Wolf's and Predator Aviation's officers and Dire Wolf and Predator Aviation have the option to terminate the Voting Trust Agreements at any time. Therefore, the Company, through Dire Wolf and Predator Aviation, is considered the primary beneficiary of the VIEs and consolidates Cobra Aviation and Leopard at September 30, 2021.

11. Selling, General and Administrative Expense

Selling, general and administrative (“SG&A”) expense includes of the following (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
Cash expenses:				
Compensation and benefits	\$ 3,353	3,449	11,379	11,138
Professional services	4,571	5,651	13,783	15,335
Other ^(a)	2,252	2,163	7,058	6,572
Total cash SG&A expense	10,176	11,263	32,220	33,045
Non-cash expenses:				
Bad debt provision ^(b)	31,449	626	41,650	2,306
Stock based compensation	241	291	827	1,326
Total non-cash SG&A expense	31,690	917	42,477	3,632
Total SG&A expense	\$ 41,866	12,180	74,697	36,677

a. Includes travel-related costs, information technology expenses, rent, utilities and other general and administrative-related costs.

b. The bad debt provision for the three and nine months ended September 30, 2021, includes \$31.2 million and \$41.2 million, respectively, related to the Stingray Pressure Pumping and Muskie contracts with Gulfport. See Notes 2 and 18.

12. Income Taxes

The Company recorded income tax benefit of \$26.4 million for the nine months ended September 30, 2021 compared to \$9.0 million for the nine months ended September 30, 2020. The Company’s effective tax rate was 23% and 9% for the nine months ended September 30, 2021 and 2020, respectively.

The effective tax rate for the nine months ended September 30, 2021 differed from the statutory rate of 21% primarily due to the mix of earnings between the United States and Puerto Rico as well as changes in the valuation allowance. Additionally, the Company recorded an unrecognized tax benefit of \$0.9 million during the nine months ended September 30, 2021 related to the 2020 tax year returns in Puerto Rico. It is the Company’s policy to recognize interest and applicable penalties, if any, related to uncertain tax positions in income tax expense.

On March 27, 2020, the Coronavirus Aid, Relief, and Economic Security (CARES) Act was enacted and signed into U.S. law in response to the COVID-19 pandemic, and among other things, permits the carryback of certain net operating losses. As a result of the enacted legislation, the Company recognized a \$2.4 million net tax expense during the nine months ended September 30, 2020, which consisted of a \$4.6 million deferred tax expense and a \$7.0 million current tax benefit. This impact, along with the rate impact from non-deductible goodwill impairment, was the primary driver for the difference between the statutory rate of 21% and the effective tax rate for the nine months ended September 30, 2020.

13. Leases

Lessee Accounting

The Company recognized a lease liability equal to the present value of the lease payments and a right-of-use asset representing its right to use the underlying asset for the lease term for all leases with a term in excess of 12 months. For operating leases, lease expense for lease payments is recognized on a straight-line basis over the lease term, while finance leases include both an operating expense and an interest expense component. For all leases with a term of 12 months or less, the Company has elected the practical expedient to not recognize lease assets and liabilities and recognizes lease expense for these short-term leases on a straight-line basis over the lease term.

The Company’s operating leases are primarily for rail cars, real estate, and equipment and its finance leases are primarily for machinery and equipment. Generally, the Company does not include renewal or termination options in its assessment of the leases unless extension or termination for certain assets is deemed to be reasonably certain. The accounting for some of the Company’s leases may require significant judgment, which includes determining whether a contract contains a lease, determining the incremental borrowing rates to utilize in the net present value calculation of lease payments for

lease agreements which do not provide an implicit rate and assessing the likelihood of renewal or termination options. Lease agreements that contain a lease and non-lease component are generally accounted for as a single lease component.

The rate implicit in the Company's leases is not readily determinable. Therefore, the Company uses its incremental borrowing rate based on information available at the commencement date of its leases in determining the present value of lease payments. The Company's incremental borrowing rate reflects the estimated rate of interest that it would pay to borrow on a collateralized basis over a similar term an amount equal to the lease payments in a similar economic environment.

Lease expense consisted of the following for the three and nine months ended September 30, 2021 and 2020 (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
Operating lease expense	\$ 2,210	\$ 3,338	\$ 7,082	\$ 12,503
Short-term lease expense	113	36	477	323
Finance lease expense:				
Amortization of right-of-use assets	412	318	1,179	952
Interest on lease liabilities	51	48	149	153
Total lease expense	\$ 2,786	\$ 3,740	\$ 8,887	\$ 13,931

Supplemental balance sheet information related to leases as of September 30, 2021 and December 31, 2020 is as follows (in thousands):

	September 30, 2021	December 31, 2020
Operating leases:		
Operating lease right-of-use assets	\$ 14,766	\$ 20,179
Current operating lease liability	6,996	8,618
Long-term operating lease liability	7,591	11,377
Finance leases:		
Property, plant and equipment, net	\$ 6,468	\$ 6,065
Accrued expenses and other current liabilities	1,817	1,499
Other liabilities	4,840	4,618

Other supplemental information related to leases for the three and nine months ended September 30, 2021 and 2020 and as of September 30, 2021 and December 31, 2020 is as follows (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
Cash paid for amounts included in the measurement of lease liabilities:				
Operating cash flows from operating leases	\$ 2,159	\$ 3,277	\$ 7,079	\$ 12,207
Operating cash flows from finance leases	51	48	149	153
Financing cash flows from finance leases	426	344	1,229	940
Right-of-use assets obtained in exchange for lease obligations:				
Operating leases	\$ 697	\$ (4,157)	\$ 879	\$ (6,167)
Finance leases	1,822	237	1,822	210

	September 30, 2021	December 31, 2020
Weighted-average remaining lease term:		
Operating leases	3.0 years	3.2 years
Finance leases	3.5 years	4.2 years
Weighted-average discount rate:		
Operating leases	3.5 %	3.5 %
Finance leases	3.4 %	3.5 %

Maturities of lease liabilities as of September 30, 2021 are as follows (in thousands):

	Operating Leases	Finance Leases
Remainder of 2021	\$ 2,235	\$ 501
2022	6,562	2,005
2023	3,927	2,261
2024	1,977	965
2025	305	524
Thereafter	419	795
Total lease payments	15,425	7,051
Less: Present value discount	838	394
Present value of lease payments	\$ 14,587	\$ 6,657

Lessor Accounting

Certain of the Company's agreements with its customers for drilling services, aviation services and remote accommodation services contain an operating lease component under ASC 842 because (i) there are identified assets, (ii) the customer obtains substantially all of the economic benefits of the identified assets throughout the period of use and (iii) the customer directs the use of the identified assets throughout the period of use. The Company has elected to apply the practical expedient provided to lessors to combine the lease and non-lease components of a contract where the revenue recognition pattern is the same and where the lease component, when accounted for separately, would be considered an operating lease. The practical expedient also allows a lessor to account for the combined lease and non-lease components under ASC 606, Revenue from Contracts with Customers, when the non-lease component is the predominant element of the combined component.

The Company's lease agreements are generally short-term in nature and lease revenue is recognized over time based on a monthly, daily or hourly rate basis. The Company does not provide an option for the lessee to purchase the rented assets at the end of the lease and the lessees do not provide residual value guarantees on the rented assets. The Company recognized lease revenue of \$0.6 million and \$0.4 million during the three months ended September 30, 2021 and 2020, respectively, and \$1.7 million and \$0.9 million during the nine months ended September 30, 2021 and 2020, respectively, which is included in "services revenue" and "services revenue - related parties" on the unaudited condensed consolidated statement of comprehensive loss.

14. (Loss) Earnings Per Share

Reconciliations of the components of basic and diluted net (loss) income per common share are presented in the table below (in thousands, except per share data):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2021	2020	2021	2020
Basic (loss) earnings per share:				
Allocation of (loss) earnings:				
Net (loss) income	\$ (40,901)	3,430	(88,131)	(95,746)
Weighted average common shares outstanding	46,683	45,764	46,342	45,603
Basic (loss) earnings per share	\$ (0.88)	0.07	(1.90)	(2.10)
Diluted (loss) earnings per share:				
Allocation of (loss) earnings:				
Net (loss) income	\$ (40,901)	3,430	(88,131)	(95,746)
Weighted average common shares, including dilutive effect ^(a)	46,683	46,571	46,342	45,603
Diluted (loss) earnings per share	\$ (0.88)	0.07	(1.90)	(2.10)

- a. No incremental shares of potentially dilutive restricted stock awards were included for the three and nine months ended September 30, 2021 and nine months ended September 30, 2020 as their effect was antidilutive under the treasury stock method.

15. Equity Based Compensation

Upon formation of certain operating entities by Wexford and Gulfport, specified members of management (the "Specified Members") and certain non-employee members (the "Non-Employee Members") were granted the right to receive distributions from the operating entities after the contribution member's unreturned capital balance was recovered (referred to as "Payout" provision).

On November 24, 2014, the awards were modified in conjunction with the contribution of the operating entities to Mammoth. These awards were not granted in limited or general partner units. The awards are for interests in the distributable earnings of the members of MEH Sub, Mammoth's majority equity holder.

On the closing date of Mammoth Inc.'s initial public offering ("IPO"), the unreturned capital balance of Mammoth's majority equity holder was not fully recovered from its sale of common stock in the IPO. As a result, Payout did not occur and no compensation cost was recorded.

Payout for the remaining awards is expected to occur as the contribution member's unreturned capital balance is recovered from additional sales by MEH Sub of its shares of the Company's common stock or from dividend distributions, which is not considered probable until the event occurs. For the Specified Member awards, the unrecognized amount, which represents the fair value of the award as of the modification dates or grant date, was \$5.6 million.

For the Company's Non-Employee Member awards, the unrecognized amount, which represents the fair value of the awards as of the date of adoption of ASU 2018-07 was \$18.9 million.

16. Stock Based Compensation

The 2016 Plan authorizes the Company's Board of Directors or the compensation committee of the Company's Board of Directors to grant restricted stock, restricted stock units, stock appreciation rights, stock options and performance awards. There are 4.5 million shares of common stock reserved for issuance under the 2016 Plan.

Restricted Stock Units

The fair value of restricted stock unit awards was determined based on the fair market value of the Company's common stock on the date of the grant. This value is amortized over the vesting period.

A summary of the status and changes of the unvested shares of restricted stock under the 2016 Plan is presented below.

	Number of Unvested Restricted Shares	Weighted Average Grant- Date Fair Value
Unvested shares as of January 1, 2020	221,241	\$ 22.43
Granted	2,401,446	0.98
Vested	(660,738)	5.32
Forfeited	(47,167)	3.28
Unvested shares as of December 31, 2020	1,914,782	1.21
Granted	128,205	3.90
Vested	(914,782)	1.52
Forfeited	—	—
Unvested shares as of September 30, 2021	1,128,205	\$ 1.27

As of September 30, 2021, there was \$1.0 million of total unrecognized compensation cost related to the unvested restricted stock. The cost is expected to be recognized over a weighted average period of approximately 1.2 years.

Included in cost of revenue and selling, general and administrative expenses is stock based compensation expense of \$0.9 million and \$1.6 million, respectively, for the nine months ended September 30, 2021 and 2020.

17. Related Party Transactions

Transactions between the subsidiaries of the Company, including Stingray Pressure Pumping, Muskie, Stingray Energy Services LLC (“SR Energy”), Panther Drilling Systems LLC (“Panther Drilling”), Anaconda Manufacturing LLC (“Anaconda”), Cobra Aviation, ARS and Leopard and the following companies are included in Related Party Transactions: Gulfport, Wexford, Grizzly Oil Sands ULC (“Grizzly”), El Toro Resources LLC (“El Toro”), Everest Operations Management LLC (“Everest”); Elk City Yard LLC (“Elk City Yard”), Double Barrel Downhole Technologies LLC (“DBDHT”), Caliber Investment Group LLC (“Caliber”) and Brim Equipment.

Following is a summary of related party transactions (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,		At September 30,	At December 31,
	2021	2020	2021	2020	2021	2020
	REVENUES				ACCOUNTS RECEIVABLE	
Pressure Pumping and Gulfport (a)	\$ —	\$ 8,384	\$ 14,812	\$ 34,705	\$ —	\$ 25,429
Muskie and Gulfport (b)	—	1,875	2,145	5,625	—	1,127
SR Energy and Gulfport (c)	—	—	—	113	—	8
Panther Drilling and El Toro (d)	468	—	599	38	149	—
Cobra Aviation/ARS/Leopard and Brim Equipment (e)	133	157	267	343	86	44
Other	—	24	—	29	3	9
	\$ 601	\$ 10,440	\$ 17,823	\$ 40,853	\$ 238	\$ 26,617
	OTHER				ACCOUNTS RECEIVABLE	
Pressure Pumping and Gulfport (a)	\$ —	\$ 1,073	\$ (514)	\$ 2,206	\$ —	\$ 1,841
Muskie and Gulfport (b)	—	26	(1)	26	—	3
	\$ —	\$ 1,099	\$ (515)	\$ 2,232	\$ —	\$ 1,844
					\$ 238	\$ 28,461

a. Pressure Pumping provided pressure pumping, stimulation and related completion services to Gulfport. On June 29, 2021, Gulfport ceased to be a related party. See Note 3.

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- b. Muskie agreed to sell and deliver, and Gulfport agreed to purchase, specified annual and monthly amounts of natural sand proppant, subject to certain exceptions specified in the agreement, and pay certain costs and expenses. On June 29, 2021, Gulfport ceased to be a related party. See Note 3.
- c. SR Energy provided rental services to Gulfport. On June 29, 2021, Gulfport ceased to be a related party.
- d. Panther provides directional drilling services for El Toro, an entity controlled by Wexford, pursuant to a master service agreement.
- e. Cobra Aviation, ARS and Leopard lease helicopters to Brim Equipment pursuant to aircraft lease and management agreements.

	Three Months Ended September 30,		Nine Months Ended September 30,		At September 30,	At December 31,
	2021	2020	2021	2020	2021	2020
COST OF REVENUE						
Cobra Aviation/ARS/Leopard and Brim Equipment (a)	\$ 18	\$ 60	\$ 53	\$ 81	\$ 5	\$ 1
Anaconda and Caliber (b)	136	62	263	186	—	—
Other	27	9	81	62	—	—
	<u>\$ 181</u>	<u>\$ 131</u>	<u>\$ 397</u>	<u>\$ 329</u>	<u>\$ 5</u>	<u>\$ 1</u>
SELLING, GENERAL AND ADMINISTRATIVE COSTS						
The Company and Caliber (b)	\$ —	\$ 199	\$ 374	\$ 582	\$ —	\$ —
Other	—	2	11	32	—	2
	<u>\$ —</u>	<u>\$ 201</u>	<u>\$ 385</u>	<u>\$ 614</u>	<u>\$ —</u>	<u>\$ 2</u>
					<u>\$ 5</u>	<u>\$ 3</u>

- a. Cobra Aviation, ARS and Leopard lease helicopters to Brim Equipment pursuant to aircraft lease and management agreements.
- b. Caliber leases office space to Anaconda and Mammoth.

On December 21, 2018, Cobra Aviation acquired all outstanding equity interest in ARS and purchased two commercial helicopters, spare parts, support equipment and aircraft documents from Brim Equipment. Following these transactions, and also on December 21, 2018, Cobra Aviation formed a joint venture with Wexford Investments named Brim Acquisitions to acquire all outstanding equity interests in Brim Equipment. Cobra Aviation owns a 49% economic interest and Wexford Investment owns a 51% economic interest in Brim Acquisitions, and each member contributed its pro rata portion of Brim Acquisitions' initial capital of \$2.0 million. Wexford Investments is an entity controlled by Wexford, which owns approximately 48% of the Company's outstanding common stock.

18. Commitments and Contingencies

Commitments

The Company has entered into agreements with suppliers that contain minimum purchase obligations and agreements to purchase capital equipment. Aggregate future minimum payments under these obligations in effect at September 30, 2021 were approximately \$1.5 million.

Letters of Credit

The Company has various letters of credit that were issued under the Company's revolving credit agreement which is collateralized by substantially all of the assets of the Company. The letters of credit are categorized below (in thousands):

	September 30, 2021	December 31, 2020
Bonding program	\$ 1,000	\$ 5,000
Environmental remediation	3,694	3,694
Insurance programs	3,890	3,890
Rail car commitments	455	455
Total letters of credit	<u>\$ 9,039</u>	<u>\$ 13,039</u>

Insurance

The Company has insurance coverage for physical partial loss to its assets, employer's liability, automobile liability, commercial general liability, workers' compensation and insurance for other specific risks. The Company has also elected in some cases to accept a greater amount of risk through increased deductibles on certain insurance policies. As of September 30, 2021 and December 31, 2020, the workers' compensation and automobile liability policies require a deductible per occurrence of up to \$0.3 million and \$0.1 million, respectively. As of September 30, 2021 and December 31, 2020, the workers' compensation and auto liability policies contained an aggregate stop loss of \$5.4 million. The Company establishes liabilities for the unpaid deductible portion of claims incurred based on estimates. As of September 30, 2021 and December 31, 2020, accrued claims were \$1.6 million and \$1.9 million, respectively.

The Company also has insurance coverage for directors and officers liability. As of September 30, 2021 and December 31, 2020, the directors and officers liability policy had a deductible per occurrence of \$1.0 million and an aggregate deductible of \$10.0 million. As of September 30, 2021 and December 31, 2020, the Company did not have any accrued claims for directors and officers liability.

The Company also self-insures its employee health insurance. The Company has coverage on its self-insurance program in the form of a stop loss of \$0.2 million per participant and an aggregate stop-loss of \$5.8 million for the calendar year ending December 31, 2021. As of September 30, 2021 and December 31, 2020, accrued claims were \$1.2 million and \$1.3 million, respectively. These estimates may change in the near term as actual claims continue to develop.

Warranty Guarantees

Pursuant to certain customer contracts in our infrastructure services segment, the Company warrants equipment and labor performed under the contracts for a specified period following substantial completion of the work. Generally, the warranty is for one year or less. No liabilities were accrued as of September 30, 2021 and December 31, 2020 and no expense was recognized during the nine months ended September 30, 2021 or 2020 related to warranty claims. However, if warranty claims occur, the Company could be required to repair or replace warranted items, which in most cases are covered by warranties extended from the manufacturer of the equipment. In the event the manufacturer of equipment failed to perform on a warranty obligation or denied a warranty claim made by the Company, the Company could be required to pay for the cost of the repair or replacement.

Bonds

In the ordinary course of business, the Company is required to provide bid bonds to certain customers in the infrastructure services segment as part of the bidding process. These bonds provide a guarantee to the customer that the Company, if awarded the project, will perform under the terms of the contract. Bid bonds are typically provided for a percentage of the total contract value. Additionally, the Company may be required to provide performance and payment bonds for contractual commitments related to projects in process. These bonds provide a guarantee to the customer that the Company will perform under the terms of a contract and that the Company will pay subcontractors and vendors. If the Company fails to perform under a contract or to pay subcontractors and vendors, the customer may demand that the surety make payments or provide services under the bond. The Company must reimburse the surety for expenses or outlays it incurs. As of September 30, 2021 and December 31, 2020, outstanding bid bonds totaled \$0.1 million and \$1.0 million, respectively. As of September 30, 2021 and December 31, 2020, outstanding performance and payment bonds totaled \$13.5 million and \$18.1 million, respectively. The estimated cost to complete projects secured by the performance and payment bonds totaled \$0.5 million as of September 30, 2021.

Litigation

The Company is routinely involved in state and local tax audits. During 2015, the State of Ohio assessed taxes on the purchase of equipment the Company believes is exempt under state law. The Company appealed the assessment and a hearing was held in 2017. As a result of the hearing, the Company received a decision from the State of Ohio. The Company is appealing the decision and while it is not able to predict the outcome of the appeal, this matter is not expected to have a material adverse effect on the Company's financial position, results of operations or cash flows.

On June 19, 2018, Wendco of Puerto Rico Inc. filed a putative class action lawsuit in the Commonwealth of Puerto Rico styled Wendco of Puerto Rico Inc.; Multisystem Restaurant Inc.; Restaurant Operators Inc.; Apple Caribe, Inc.; on their own behalf and in representation of all businesses that conduct business in the Commonwealth of Puerto Rico vs. Mammoth Energy Services Inc.; Cobra Acquisitions, LLC; D. Grimm Puerto Rico, LLC, et al. The plaintiffs allege that the defendants caused power outages in Puerto Rico while performing restoration work on Puerto Rico's electrical network following Hurricanes Irma and Maria in 2017, thereby interrupting commercial activities and causing economic loss. The Company believes these claims are without merit and will vigorously defend the action. However, at this time,

the Company is not able to predict the outcome of this lawsuit or whether it will have a material impact on the Company's business, financial condition, results of operations or cash flows.

Cobra has been served with ten lawsuits from municipalities in Puerto Rico alleging failure to pay construction excise and volume of business taxes. The Government of Puerto Rico's Central Recovery and Reconstruction Office ("COR3") has noted the unique nature of work executed by entities such as Cobra in Puerto Rico and that taxes, such as those in these matters, may be eligible for reimbursement by the government. Further, COR3 indicated that it is working to develop a solution that will result in payment of taxes owed to the municipalities without placing an undue burden on entities such as Cobra. The Company continues to work with COR3 to resolve these matters. However, at this time, the Company is not able to predict the outcome of these matters or whether they will have a material impact on the Company's business, financial condition, results of operations or cash flows.

On March 20, 2019, EJ LeJeune, a former employee of ESPADA Logistics and Security Group, LLC and ESPADA Caribbean LLC (together, "ESPADA") filed a putative collective and class action complaint in *LeJeune v. Mammoth Energy Services, Inc. d/b/a Cobra Energy & ESPADA Logistics and Security Group, LLC*, Case No. 5:19-cv-00286-JKP-ESC, in the U.S. District Court for the Western District of Texas. On August 5, 2019, the court granted the plaintiff's motion for leave to amend his complaint, dismissing Mammoth Energy Services, Inc. as a defendant, adding Cobra Acquisitions LLC ("Cobra") as a defendant, and adding ESPADA Caribbean LLC and two officers of ESPADA—James Jorrie and Jennifer Gay Jorrie—as defendants. The amended complaint alleges that the defendants jointly employed the plaintiff and all similarly situated workers and failed to pay them overtime as required by the Fair Labor Standards Act and Puerto Rico law. The complaint also alleges the following violations of Puerto Rico law: illegal deductions from workers' wages, failure to timely pay all wages owed, failure to pay a required severance when terminating workers without just cause, failure to pay for all hours worked, failure to provide required meal periods, and failure to pay a statutorily required bonus to eligible workers. Mr. LeJeune seeks to represent a class of workers allegedly employed by one or more defendants and paid a flat amount for each day worked regardless of how many hours were worked. The complaint seeks back wages, including overtime wages owed, liquidated damages equal to the overtime wages owed, attorneys' fees, costs, and pre- and post-judgment interest. On June 16, 2020, Cobra answered Mr. LeJeune's amended complaint, denying that it employed Mr. LeJeune and the putative class members and denying that they are entitled to relief from Cobra. All other defendants have also answered the amended complaint. The parties stipulated to conditional certification of a collective action, and on August 14, 2020, the Court ordered that notice be sent to all individuals engaged by ESPADA to provide services to Cobra in Puerto Rico between January 21, 2017 and the present who were paid a day-rate. Notice was sent to putative class members on September 15, 2020, and the opt-in period closed on November 14, 2020. The parties are in discovery. The Company believes these claims are without merit and will vigorously defend the action. However, at this time, the Company is not able to predict the outcome of this lawsuit or whether it will have a material impact on the Company's business, financial condition, results of operations or cash flows.

On April 16, 2019, Christopher Williams, a former employee of Higher Power Electrical, LLC, filed a putative class and collective action complaint titled *Christopher Williams, individually and on behalf of all others similarly situated v. Higher Power Electrical, LLC, Cobra Acquisitions LLC, and Cobra Energy LLC* in the U.S. District Court for the District of Puerto Rico. On June 24, 2019, the complaint was amended to replace Mr. Williams with Matthew Zeisset as the named plaintiff. The plaintiff alleges that the Company failed to pay overtime wages to a class of workers in compliance with the Fair Labor Standards Act and Puerto Rico law. On August 21, 2019, upon request of the parties, the court stayed proceedings in the lawsuit pending completion of individual arbitration proceedings initiated by Mr. Zeisset and opt-in plaintiffs. The arbitrations remain pending. Other claimants have initiated individual arbitration proceedings asserting similar claims. In May 2020, six arbitrations were held in the related matters. The Company believes these claims are without merit and will vigorously defend the arbitrations. However, at this time, the Company is not able to predict the outcomes of these proceedings or whether they will have a material impact on the Company's business, financial condition, results of operations or cash flows.

In June 2019 and August 2019, the Company was served with three class action lawsuits filed in the Western District of Oklahoma (the "Court"). On September 13, 2019, the court consolidated the three lawsuits under the case caption *In re Mammoth Energy Services, Inc. Securities Litigation*. On November 12, 2019, the plaintiffs filed their first amended complaint against Mammoth Energy Services, Inc., Arty Straehla, and Mark Layton. Pursuant to their first amended complaint, the plaintiffs brought a consolidated putative federal securities class action on behalf of all investors who purchased or otherwise acquired Mammoth Energy Services, Inc. common stock between October 19, 2017, and June 5, 2019, inclusive. On January 10, 2020, the defendants filed their motion to dismiss the first amended complaint. On March 9, 2020, the plaintiffs filed a second amended complaint for violation of federal securities laws which contains allegations substantially similar to those contained in the plaintiff's first amended complaint. On March 30, 2020, the defendants filed their motion to dismiss the second amended complaint. On January 26, 2021, the court granted the motion to dismiss in

part and denied the motion to dismiss in part. In April 2021 a settlement was reached and motion for preliminary approval was filed, which the Court granted on May 4, 2021. On September 21, 2021, the Court issued a final judgment approving the settlement, which released the defendants from all claims asserted in the litigation, or that could have been asserted arising from the subject matter of the litigation and the purchase or acquisition of Mammoth common stock during the class period in return for a cash payment in the amount of \$11.0 million for the benefit of the settlement class. The settlement amount is covered in full under Mammoth's directors' and officers' insurance policy.

In September 2019, four derivative lawsuits were filed, two in the Western District of Oklahoma and two in the District of Delaware (the "Court"), purportedly on behalf of the Company against its officers and directors. In October 2019, the plaintiffs in the two Oklahoma actions voluntarily dismissed their respective cases, with one plaintiff refiling his action in the District of Delaware. On September 13, 2019, the Court consolidated the three actions under the case caption In re Mammoth Energy Services, Inc. Consolidated Shareholder Litigation. On January 17, 2020, the plaintiffs filed their consolidated amended shareholder derivative complaint on behalf of Nominal Defendant, Mammoth Energy Services, Inc., and against Arty Straehla, Mark Layton, Arthur Amron, Paul V. Heerwagen IV, Marc McCarthy, Jim Palm, Matthew Ross, Arthur Smith, Gulfport Energy Corporation, and Wexford Capital LP. On October 5, 2021, the plaintiffs and Nominal Defendant Mammoth entered into the Stipulation and Agreement of Settlement (the "Stipulation") in the derivative action, which was preliminarily approved by the Court on October 28, 2021, and is subject to final approval by the Court. The terms of the Stipulation require that, in exchange for the full release, discharge and dismissal with prejudice of the claims asserted against the defendants in the derivative action, (1) the individual defendants will cause the insurers under Mammoth's Directors' and Officers' ("D&O") insurance policy (the "D&O insurers") to pay \$1.5 million to Mammoth, which Mammoth will use for general corporate purposes; and (2) Mammoth will adopt certain corporate governance reforms, which will further enhance Mammoth's current corporate governance policies. Additionally, the Stipulation provides that the individual defendants will cause the D&O insurers to pay, subject to Court approval, a separate payment of \$0.5 million to plaintiffs' counsel for their attorneys' fees and expenses. The Court has set a hearing date for January 7, 2022 to consider the final approval of the settlement. The final settlement amount is expected to be covered in full under Mammoth's D&O insurance policy. However, until the Court issues a final order approving the settlement, Mammoth cannot assure you that the derivative action will be settled on the terms set forth herein or at all.

On September 10, 2019, the U.S. District Court for the District of Puerto Rico unsealed an indictment that charged the former president of Cobra Acquisitions LLC with conspiracy, wire fraud, false statements and disaster fraud. Two other individuals were also charged in the indictment. The indictment is focused on the interactions between a former FEMA official and the former president of Cobra. Neither the Company nor any of its subsidiaries were charged in the indictment. The Company is continuing to cooperate with the related investigation. Given the uncertainty inherent in the criminal litigation, it is not possible at this time to determine the potential outcome or other potential impacts that the criminal litigation could have on the Company. PREPA has stated in court filings that it may contend the alleged criminal activity affects Cobra's entitlement to payment under its contracts with PREPA. Subsequent to the indictment, the Company received (i) a preservation request letter from the United States Securities and Exchange Commission ("SEC") related to documents relevant to an ongoing investigation it is conducting and (ii) a civil investigative demand ("CID") from the United States Department of Justice ("DOJ"), which requests certain documents and answers to specific interrogatories relevant to an ongoing investigation it is conducting. Both the aforementioned SEC and DOJ investigations are in connection with the issues raised in the criminal matter. Following the resignation of Jonathan Yellen from the Company's board of directors and the matters raised in the Company's Form 8-K filed on May 14, 2020, the Company received an expanded preservation request from the SEC. The Company is cooperating with both the SEC and DOJ and is not able to predict the outcome of these investigations or if either will have a material impact on the Company's business, financial condition, results of operations or cash flows.

On September 12, 2019, AL Global Services, LLC ("Alpha Lobo") filed a second amended third-party petition against the Company in an action styled Jim Jorrie v. Craig Charles, Julian Calderas, Jr., and AL Global Services, LLC v. Jim Jorrie v. Cobra Acquisitions LLC v. ESPADA Logistics & Security Group, LLC, ESPADA Caribbean LLC, Arty Straehla, Ken Kinsey, Jennifer Jorrie, and Mammoth Energy Services, Inc., in the 57th Judicial District in Bexar County, Texas. The petition alleges that the Company should be held vicariously liable under alter ego, agency and respondeat superior theories for Alpha Lobo's alleged claims against Cobra and Arty Straehla for aiding and abetting, knowing participation in and conspiracy to breach fiduciary duty in connection with Cobra's execution of an agreement with ESPADA Caribbean, LLC for security services related to Cobra's work in Puerto Rico. The Company believes these claims are without merit and will vigorously defend the action. However, at this time, the Company is not able to predict the outcome of this lawsuit or whether it will have a material impact on the Company's business, financial condition, results of operations or cash flows. Additionally, there was a parallel arbitration proceeding that was initiated in which certain

Defendants sought a declaratory judgment regarding Cobra's rights to terminate the Alpha Lobo contract and enter into a new contract with a third-party. On June 24, 2021, the arbitration panel ruled in favor of Cobra.

As of September 30, 2021, PREPA owed the Company approximately \$227.0 million for services performed, excluding \$101.2 million of interest charged on these delinquent balances as of September 30, 2021. The Company believes these receivables are collectible. PREPA, however, is currently subject to bankruptcy proceedings, which were filed in July 2017 and are currently pending in the U.S. District Court for the District of Puerto Rico. As a result, PREPA's ability to meet its payment obligations is largely dependent upon funding from FEMA or other sources. On September 30, 2019, Cobra filed a motion with the U.S. District Court for the District of Puerto Rico seeking recovery of the amounts owed to Cobra by PREPA, which motion was stayed by the court. On March 25, 2020, Cobra filed an urgent motion to modify the stay order and allow the recovery of approximately \$61.7 million in claims related to a tax gross-up provision contained in the emergency master service agreement, as amended, that was entered into with PREPA on October 19, 2017. This emergency motion was denied on June 3, 2020 and the court extended the stay of our motion. On December 9, 2020, the Court again extended the stay of our motion and directed PREPA to file a status motion by June 7, 2021. On April 6, 2021, Cobra filed a motion to lift the stay order. Following this filing, PREPA initiated discussion, which resulted in PREPA and Cobra filing a joint motion to adjourn all deadlines relative to the April 6, 2021 motion until the June 16, 2021 omnibus hearing as a result of PREPA's understanding that FEMA will release a report in the near future relating to the emergency master service agreement between PREPA and Cobra that was executed on October 19, 2017. The joint motion was granted by the court on April 14, 2021. On May 26, 2021, FEMA issued a Determination Memorandum related to the first contract between Cobra and PREPA in which, among other things, FEMA raised two contract compliance issues and, as a result, concluded that approximately \$47 million in costs were not authorized costs under the contract. On June 14, 2021, the Court issued an order adjourning Cobra's motion to lift the stay order to a hearing on August 4, 2021 and directing Cobra and PREPA to meet and confer in good faith concerning (i) the May 26, 2021 Determination Memorandum issued by FEMA and (ii) whether and when a second determination memorandum is expected. The parties were further directed to file an additional status report, which was filed on July 20, 2021. On July 23, 2021, with the aid of Mammoth, PREPA filed an appeal of the entire \$47 million that FEMA de-obligated in the May 26, 2021 Determination Memorandum. On August 4, 2021, the Court extended the stay and ordered a joint status report to be filed on January 19, 2022. In the event PREPA (i) does not have or does not obtain the funds necessary to satisfy its obligations to Cobra under the contracts, (ii) obtains the necessary funds but refuses to pay the amounts owed to the Company or (iii) otherwise does not pay amounts owed to the Company for services performed, the receivable may not be collectible.

On December 28, 2019, Gulfport filed a lawsuit against Stingray Pressure Pumping in the Superior Court of the State of Delaware. Pursuant to the complaint, Gulfport seeks to terminate the October 1, 2014, Amended and Restated Master Services Agreement for Pressure Pumping Services between Gulfport and Stingray Pressure Pumping ("MSA"). In addition, Gulfport alleges breach of contract and seeks damages for alleged overpayments and audit costs under the MSA and other fees and expenses associated with this lawsuit. On March 26, 2020, Stingray Pressure Pumping filed a counterclaim against Gulfport seeking to recover unpaid fees and expenses due to Stingray Pressure Pumping under the MSA. In September 2020, Muskie filed a lawsuit against Gulfport to recover delinquent payments due under a natural sand proppant supply contract. These matters were automatically stayed as a result of Gulfport's bankruptcy filing. On November 13, 2020, Gulfport filed petitions for voluntary relief under chapter 11 of the Bankruptcy Code. Gulfport emerged from bankruptcy on May 17, 2021. As of November 13, 2020, Gulfport owed the Company approximately \$46.9 million, which included interest charges of \$3.3 million and \$1.8 million in attorneys' fees. FASB ASC 326, *Financial Instruments-Credit Losses*, requires companies to reflect its current estimate of all expected credit losses. As a result, the Company recorded reserves on its pre-petition receivables due from Gulfport for products and services, interest and attorneys' fees of \$19.4 million, \$1.4 million and \$1.8 million, respectively, during the year ended December 31, 2020. On March 22, 2021, Gulfport listed the Stingray Pressure Pumping and Muskie contracts on its master rejection schedule filed with the bankruptcy court. During the first quarter of 2021, the Company recognized unliquidated damages of approximately \$46.4 million and recorded reserves on these unliquidated damages as a reduction to revenue of \$27.1 million and to bad debt expense of \$3.8 million. Also during the first quarter of 2021, the Company recorded additional reserves on its pre-petition products and services and interest receivables of \$6.1 million and \$0.5 million, respectively. On September 21, 2021, the Company and Gulfport reached a settlement under which all litigation relating to the Stingray Pressure Pumping contract and the Muskie contract will be terminated, Stingray Pressure Pumping will release all claims against Gulfport and its subsidiaries with respect to Gulfport's bankruptcy proceedings, each of the parties will release all claims they had against the others with respect to the litigation matters discussed above and Muskie will have an allowed general unsecured claim against Gulfport of \$3.1 million. The settlement remains subject to the final approval by the bankruptcy court overseeing Gulfport's bankruptcy. As a result, during the three months ended September 30, 2021, the Company wrote off its remaining receivable related to the Stingray Pressure Pumping claim resulting in bad debt expense

and other expense of \$31.0 million and \$1.3 million, respectively, and recorded additional bad debt expense related to the Muskie claim totaling \$0.2 million. The Company had net accounts receivable due from Gulfport totaling \$0.1 million as of September 30, 2021, which is included in “accounts receivable, net” on the unaudited condensed consolidated balance sheets. See Note 3.

On January 21, 2020, MasTec Renewables Puerto Rico, LLC (“MasTec”) filed a lawsuit against Mammoth Inc. and Cobra, in the U.S. District Court for the Southern District of Florida. Pursuant to its complaint, MasTec asserts claims against the Company and Cobra for violations of the federal Racketeer Influenced and Corrupt Organizations Act (“RICO”), tortious interference and violations of a Puerto Rico statute. MasTec alleged that it sustained injuries to its business and property in an unspecified amount because it lost the opportunity to perform work in connection with rebuilding the energy infrastructure in Puerto Rico after Hurricane Maria under a services contract with a maximum value of \$500 million due to the Company’s and Cobra’s wrongful interference, payment of bribes, and other inducements to a FEMA official. On April 1, 2020, the defendants filed a motion to dismiss the complaint. On October 14, 2020, the court dismissed the RICO claims, and on November 18, 2020, dismissed the claims arising under the Puerto Rico statute and the cause of action for tortious interference with MasTec’s contract (but not its business relations), and dismissed Mammoth Inc. from the litigation. On August 2, 2021, in order to avoid the risks of further litigation, and with no admission of wrongdoing whatsoever, the Company reached an agreement to settle this matter. Under the terms of the agreement, Cobra paid \$6.5 million to MasTec on August 2, 2021 and the Company guaranteed payment, by Cobra, of \$9.25 million on both August 1, 2022 and December 1, 2022. The agreement bears interest at rates between 6% and 12% and includes an acceleration clause that requires Cobra to pay within ten days all unpaid amounts if Cobra collects \$100 million or more of specified receivables. These amounts are reflected in the accompanying unaudited condensed consolidated balance sheet and in “other income (expense), net” on the accompanying condensed consolidated statement of comprehensive loss.

On May 13, 2021, Foreman Electric Services, Inc. (“Foreman”) filed a petition against Mammoth Inc. and Cobra, in the U.S. District Court of Oklahoma County. Pursuant to its complaint, Foreman asserted claims against the Company and Cobra for violations of the federal RICO act, tortious interference and violations of Puerto Rico statutes. Foreman alleged that it sustained injuries to its business and property in the alleged amount of \$250 million due to the Company’s and Cobra’s wrongful interference, payment of bribes and other inducements to a FEMA official. On May 18, 2021, the Company removed this action to the United States District Court for the Western District of Oklahoma. On July 29, 2021, Foreman voluntarily dismissed the action without prejudice.

The Company is involved in various other legal proceedings in the ordinary course of business. Although the Company cannot predict the outcome of these proceedings, legal matters are subject to inherent uncertainties and there exists the possibility that the ultimate resolution of these matters could have a material adverse effect on the Company’s business, financial condition, results of operations or cash flows.

Defined Contribution Plan

The Company sponsors a 401(k) defined contribution plan for the benefit of substantially all employees at their date of hire. The plan allows eligible employees to contribute up to 92% of their annual compensation, not to exceed annual limits established by the federal government. The Company makes discretionary matching contributions of up to 3% of an employee’s compensation and may make additional discretionary contributions for eligible employees. For the nine months ended September 30, 2021 and 2020, the Company paid \$1.3 million and \$1.5 million, respectively, in contributions to the plan.

19. Reporting Segments

As of September 30, 2021, the Company’s revenues, income before income taxes and identifiable assets are primarily attributable to four reportable segments. The Company principally provides electric infrastructure services to private utilities, public investor-owned utilities and co-operative utilities and services in connection with on-shore drilling of oil and natural gas wells for small to large domestic independent oil and natural gas producers.

The Company’s Chief Executive Officer and Chief Financial Officer comprise the Company’s Chief Operating Decision Maker function (“CODM”). Segment information is prepared on the same basis that the CODM manages the segments, evaluates the segment financial statements and makes key operating and resource utilization decisions. Segment evaluation is determined on a quantitative basis based on a function of operating loss less impairment expense, as well as a qualitative basis, such as nature of the product and service offerings and types of customers.

As of September 30, 2021, the Company's four reportable segments include infrastructure services ("Infrastructure"), well completion services ("Well Completion"), natural sand proppant services ("Sand") and drilling services ("Drilling"). Prior to the year ended December 31, 2020, the Company included Barracuda Logistics LLC in its Well Completion segment, Cobra Aviation, ARS and Leopard in its Infrastructure segment and Mako Acquisitions LLC in its Drilling segment. Based on its assessment of FASB ASC 280, *Segment Reporting*, guidance at December 31, 2020, the Company changed its presentation in 2020 to move Barracuda to the Sand segment and Cobra Aviation, ARS, Leopard and Mako to the reconciling column titled "All Other". Additionally, the Company changed the name of its pressure pumping segment to the well completion segment in 2020. The results for the three and nine months ended September 30, 2020 have been retroactively adjusted to reflect this change in reportable segments.

The Infrastructure segment provides electric utility infrastructure services to government-funded utilities, private utilities, public investor-owned utilities and co-operative utilities in the northeastern, southwestern, midwestern and western portions of the United States. The Well Completion segment provides hydraulic fracturing and water transfer services primarily in the Utica Shale of Eastern Ohio, Marcellus Shale in Pennsylvania and the mid-continent region. The Sand segment mines, processes and sells sand for use in hydraulic fracturing. The Sand segment primarily services the Utica Shale, Permian Basin, SCOOP, STACK and Montney Shale in British Columbia and Alberta, Canada. During certain of the periods presented, the Drilling segment provided contract land and directional drilling services primarily in the Permian Basin and mid-continent region.

During certain of the periods presented, the Company also provided aviation services, coil tubing services, equipment rental services, full service transportation, crude oil hauling services, remote accommodation, equipment manufacturing and infrastructure engineering and design services. The businesses that provide these services are distinct operating segments, which the CODM reviews independently when making key operating and resource utilization decisions. None of these operating segments meet the quantitative thresholds of a reporting segment and do not meet the aggregation criteria set forth in ASC 280 *Segment Reporting*. Therefore, results for these operating segments are included in the column titled "All Other" in the tables below. Additionally, assets for corporate activities, which primarily include cash and cash equivalents, inter-segment accounts receivable, prepaid insurance and certain property and equipment, are included in the All Other column. Although Mammoth Energy Partners LLC, which holds these corporate assets, meets one of the quantitative thresholds of a reporting segment, it does not engage in business activities from which it may earn revenues and its results are not regularly reviewed by the Company's CODM when making key operating and resource utilization decisions. Therefore, the Company does not include it as a reportable segment.

Sales from one segment to another are generally priced at estimated equivalent commercial selling prices. Total revenue and Total cost of revenue amounts included in the Eliminations column in the following tables include inter-segment transactions conducted between segments. Receivables due for sales from one segment to another and for corporate allocations to each segment are included in the Eliminations column for Total assets in the following tables. All transactions conducted between segments are eliminated in consolidation. Transactions conducted by companies within the same reporting segment are eliminated within each reporting segment. The following tables set forth certain financial information with respect to the Company's reportable segments (in thousands):

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NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

Three months ended September 30, 2021	Infrastructure	Well Completion	Sand	Drilling	All Other	Eliminations	Total
Revenue from external customers	\$ 23,489	\$ 22,702	\$ 4,439	\$ 1,184	\$ 5,671	\$ —	\$ 57,485
Intersegment revenues	—	30	3,980	23	482	(4,515)	—
Total revenue	23,489	22,732	8,419	1,207	6,153	(4,515)	57,485
Cost of revenue, exclusive of depreciation, depletion, amortization and accretion	20,541	18,125	9,368	1,566	4,917	—	54,517
Intersegment cost of revenues	54	3,204	—	—	324	(4,515)	(933)
Total cost of revenue	20,595	21,329	9,368	1,566	5,241	(4,515)	53,584
Selling, general and administrative	4,586	34,606	1,068	288	1,318	—	41,866
Depreciation, depletion, amortization and accretion	4,933	6,538	2,533	1,942	3,202	—	19,148
Impairment of other long-lived assets	—	—	—	—	547	—	547
Operating loss	(6,625)	(39,741)	(4,550)	(2,589)	(4,155)	—	(57,660)
Interest expense, net	971	215	107	56	135	—	1,484
Other (income) expense, net	(9,256)	755	(46)	(66)	(2,443)	—	(11,056)
Income (loss) before income taxes	\$ 1,660	\$ (40,711)	\$ (4,611)	\$ (2,579)	\$ (1,847)	\$ —	\$ (48,088)

Three months ended September 30, 2020	Infrastructure	Well Completion	Sand	Drilling	All Other	Eliminations	Total
Revenue from external customers	\$ 43,582	\$ 15,738	\$ 6,031	\$ 1,193	\$ 3,990	\$ —	\$ 70,534
Intersegment revenues	—	27	—	11	687	(725)	—
Total revenue	43,582	15,765	6,031	1,204	4,677	(725)	70,534
Cost of revenue, exclusive of depreciation, depletion, amortization and accretion	28,883	6,510	4,154	1,955	4,427	—	45,929
Intersegment cost of revenues	162	449	—	—	114	(725)	—
Total cost of revenue	29,045	6,959	4,154	1,955	4,541	(725)	45,929
Selling, general and administrative	7,227	1,721	1,056	382	1,794	—	12,180
Depreciation, depletion, amortization and accretion	7,294	7,189	2,700	2,294	3,655	—	23,132
Operating income (loss)	16	(104)	(1,879)	(3,427)	(5,313)	—	(10,707)
Interest expense, net	623	253	70	60	92	—	1,098
Other (income) expense, net	(8,375)	(1,156)	1,792	20	(1,323)	—	(9,042)
Income (loss) before income taxes	\$ 7,768	\$ 799	\$ (3,741)	\$ (3,507)	\$ (4,082)	\$ —	\$ (2,763)

Nine months ended September 30, 2021	Infrastructure	Well Completion	Sand	Drilling	All Other	Eliminations	Total
Revenue from external customers	\$ 69,965	\$ 62,939	\$ 20,031	\$ 3,234	\$ 15,561	\$ —	\$ 171,730
Intersegment revenues	—	120	3,980	54	1,804	(5,958)	—
Total revenue	69,965	63,059	24,011	3,288	17,365	(5,958)	171,730
Cost of revenue, exclusive of depreciation, depletion, amortization and accretion	66,864	42,339	22,631	4,739	15,466	—	152,039
Intersegment cost of revenues	165	5,449	—	—	344	(5,958)	—
Total cost of revenue	67,029	47,788	22,631	4,739	15,810	(5,958)	152,039
Selling, general and administrative	18,222	47,111	4,108	1,105	4,151	—	74,697
Depreciation, depletion, amortization and accretion	17,499	19,668	7,059	6,185	10,148	—	60,559
Impairment of other long-lived assets	—	—	—	—	547	—	547
Operating loss	(32,785)	(51,508)	(9,787)	(8,741)	(13,291)	—	(116,112)
Interest expense, net	2,287	688	291	177	435	—	3,878
Other (income) expense, net	(2,663)	1,196	(892)	(201)	(2,929)	—	(5,489)
Loss before income taxes	\$ (32,409)	\$ (53,392)	\$ (9,186)	\$ (8,717)	\$ (10,797)	\$ —	\$ (114,501)

MAMMOTH ENERGY SERVICES, INC.

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

Nine months ended September 30, 2020	Infrastructure	Well Completion	Sand	Drilling	All Other	Eliminations	Total
Revenue from external customers	\$ 99,307	\$ 74,549	\$ 22,421	\$ 7,166	\$ 24,583	\$ —	\$ 228,026
Intersegment revenues	—	1,080	95	16	2,046	(3,237)	—
Total revenue	99,307	75,629	22,516	7,182	26,629	(3,237)	228,026
Cost of revenue, exclusive of depreciation, depletion, amortization and accretion	80,780	40,454	21,845	9,592	23,917	—	176,588
Intersegment cost of revenues	197	1,410	—	151	1,479	(3,237)	—
Total cost of revenue	80,977	41,864	21,845	9,743	25,396	(3,237)	176,588
Selling, general and administrative	19,001	5,347	3,737	2,776	5,816	—	36,677
Depreciation, depletion, amortization and accretion	22,416	23,346	7,380	7,814	12,174	—	73,130
Impairment of goodwill	—	53,406	—	—	1,567	—	54,973
Impairment of other long-lived assets	—	4,203	—	326	8,368	—	12,897
Operating loss	(23,087)	(52,537)	(10,446)	(13,477)	(26,692)	—	(126,239)
Interest expense, net	2,091	857	217	450	592	—	4,207
Other (income) expense, net	(24,082)	(2,444)	1,753	(251)	(697)	—	(25,721)
Loss before income taxes	\$ (1,096)	\$ (50,950)	\$ (12,416)	\$ (13,676)	\$ (26,587)	\$ —	\$ (104,725)

	Infrastructure	Well Completion	Sand	Drilling	All Other	Eliminations	Total
As of September 30, 2021:							
Total assets	\$ 423,267	\$ 70,335	\$ 159,215	\$ 29,295	\$ 111,434	\$ (65,039)	\$ 728,507
As of December 31, 2020:							
Total assets	\$ 436,604	\$ 99,247	\$ 172,927	\$ 36,252	\$ 135,194	\$ (55,662)	\$ 824,562

20. Subsequent Events

As discussed above, on November 3, 2021, the Company entered into a third amendment to its revolving credit facility. See Note 9 above for details.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following discussion should be read in conjunction with the unaudited condensed consolidated financial statements and related notes thereto presented in this Quarterly Report and the consolidated financial statements and related notes thereto included in our Annual Report on Form 10-K. This discussion contains forward-looking statements reflecting our current expectations, estimates and assumptions concerning events and financial trends that may affect our future operating results or financial position. Actual results and the timing of events may differ materially from those contained in these forward-looking statements due to a number of factors, including those discussed in Item 1A. "Risk Factors" in our Form 10-K for the year ended December 31, 2020, filed with the Securities and Exchange Commission, or the SEC, on March 1, 2021 and the section entitled "Forward-Looking Statements" appearing elsewhere in this Quarterly Report.

Overview

We are an integrated, growth-oriented company serving both the electric utility and oil and gas industries in North America. Our primary business objective is to grow our operations and create value for stockholders through organic growth opportunities and accretive acquisitions. Our suite of services includes infrastructure services, well completion services, natural sand proppant services, drilling services and other services. Our infrastructure services division provides construction, upgrade, maintenance and repair services to the electrical infrastructure industry. Our well completion services division provides hydraulic fracturing, sand hauling and water transfer services. Our natural sand proppant services division mines, processes and sells natural sand proppant used for hydraulic fracturing. Our drilling services division currently provides rental equipment, such as mud motors and operational tools, for both vertical and horizontal drilling. In addition to these service divisions, we also provide aviation services, equipment rentals, crude oil hauling services, remote accommodations, equipment manufacturing and infrastructure engineering and design services. We believe that the services we offer play a critical role in maintaining and improving electrical infrastructure as well as in increasing the ultimate recovery and present value of production streams from unconventional resources. Our complementary suite of services provides us with the opportunity to cross-sell our services and expand our customer base and geographic positioning.

Our transformation towards an industrial based company is ongoing. We offer infrastructure engineering services focused on the transmission and distribution industry and also have equipment manufacturing operations as well as fiber optic services. Our equipment manufacturing operations provide us with the ability to repair much of our existing equipment in-house, as well as the option to manufacture certain new equipment we may need in the future. The equipment manufacturing operations have initially served the internal needs for our water transfer, equipment rental and infrastructure businesses, but we expect to expand into third party sales in the future. Our fiber optic services include the installation of both aerial and buried fiber. We are continuing to explore other opportunities to expand our business lines as we shift to a broader industrial focus.

Recent Developments

Impact of the COVID-19 Pandemic and Volatility in Commodity Prices

In March and April 2020, concurrent with the spread of COVID-19 and quarantine orders in the U.S. and worldwide, oil prices dropped sharply to below zero for the first time in history due to factors including significantly reduced demand and a shortage of storage facilities. Beginning in early March 2020, in response to the COVID-19 pandemic and the depressed commodity prices, many exploration and production companies, including our customers, immediately began to substantially reduce their capital expenditure budgets. As a result, demand for our oilfield services declined at the end of the first quarter of 2020 and continued to decline further throughout the remainder of 2020. Exploration and production companies set their 2021 budgets based on the prevailing prices for oil and gas at the time. Although demand for oil and natural gas and commodity prices have recently increased, these budgets have remained and are expected to remain relatively unchanged throughout the fourth quarter of 2021 with any excess cash flows used for debt repayment or return to shareholders rather than to increase production, as has been the case in the past. Despite the recent improvement in the U.S. economic activity, easing of the COVID-19 pandemic and rising energy use and commodity prices, the near term energy outlook remains subject to heightened levels of uncertainty related to the ongoing economic recovery. Further, on July 18, 2021, the OPEC+ reached an agreement to phase out 5.8 million barrels per day of oil production cuts by September 2022 as prices of crude oil reached their highest levels in more than two years. Coordinated increases in oil supply by OPEC+ began in August 2021, increasing overall oil production by 400,000 barrels per day on a monthly basis from that point forward. We cannot predict the impact of the gradual OPEC+ supply boost on commodity prices and expect a competitive and challenging market for oilfield services for the foreseeable future, which has had, and is likely to continue to have, an adverse effect on both pricing and utilization for our oilfield services and our financial condition and results of operations.

We have taken, and continue to take, responsible steps to protect the health and safety of our employees during the COVID-19 pandemic. We are also actively monitoring the recovery process from the COVID-19 pandemic and the adverse industry and market conditions and have taken mitigating steps in an effort to preserve liquidity, reduce costs and lower capital expenditures. These actions have included reducing headcount, adjusting pay and limiting spending. We will continue to take further actions that we deem to be in the best interest of the Company and our stockholders if the current conditions worsen. Given the dynamic nature of these events, we are unable to predict the ultimate impact of the COVID-19 pandemic, the volatility in commodity markets, the reduced demand for oil and oilfield services and uncertain macroeconomic conditions on our business, financial condition, results of operations, cash flows and stock price or the pace or extent of any subsequent recovery.

Third Quarter 2021 Financial Overview

- Reported a 21% increase in revenue for the third quarter of 2021, as compared to the second quarter of 2021, reflecting revenue increases in each of our operating segments.
- Net loss of \$41 million, or \$0.88 per diluted share for the three months ended September 30, 2021.
- Adjusted EBITDA of (\$30) million for the three months ended September 30, 2021, which includes bad debt expense of \$31 million. See “Non-GAAP Financial Measures” below for a reconciliation of net loss to Adjusted EBITDA.

Industry Overview

Energy Infrastructure Industry

In 2017, we expanded into the electric infrastructure business, offering both commercial and storm restoration services to government-funded utilities, private utilities, public investor owned utilities and cooperatives. Since we commenced operations in this line of business, a substantial portion of our infrastructure revenue has been generated from storm restoration work, primarily from the Puerto Rico Electric Power Authority, or PREPA, due to damage caused by Hurricane Maria. On October 19, 2017, Cobra Acquisitions LLC, or Cobra, and PREPA entered into an emergency master services agreement for repairs to PREPA’s electrical grid. The one-year contract, as amended, provided for payments of up to \$945 million. On May 26, 2018, Cobra and PREPA entered into a new one-year, \$900 million master services agreement to provide additional repair services and begin the initial phase of reconstruction of the electrical power system in Puerto Rico. Our work under each of the contracts with PREPA ended on March 31, 2019.

As of September 30, 2021, PREPA owed us approximately \$227 million for services performed excluding approximately \$101 million of interest charged on these delinquent balances as of September 30, 2021. See Note 2. Basis of Presentation and Significant Accounting Policies—Accounts Receivable of our unaudited condensed consolidated financial statements. PREPA is currently subject to bankruptcy proceedings, which were filed in July 2017 and are currently pending in the U.S. District Court for the District of Puerto Rico. As a result, PREPA’s ability to meet its payment obligations under the contracts is largely dependent upon funding from the Federal Emergency Management Agency, or FEMA, or other sources. On September 30, 2019, we filed a motion with the U.S. District Court for the District of Puerto Rico seeking recovery of the amounts owed to us by PREPA, which motion was stayed by the court. On March 25, 2020, we filed an urgent motion to modify the stay order and allow our recovery of approximately \$62 million in claims related to a tax gross-up provision contained in the emergency master service agreement, as amended, that was entered into with PREPA on October 19, 2017. This emergency motion was denied on June 3, 2020 and the court extended the stay of our motion. On December 9, 2020, the Court again extended the stay of our motion and directed PREPA to file a status motion by June 7, 2021. On April 6, 2021, we filed a motion to lift the stay order. Following this filing, PREPA initiated discussion, which resulted in PREPA and Cobra filing a joint motion to adjourn all deadlines relative to the April 6, 2021 motion until the June 16, 2021 omnibus hearing as a result of PREPA’s understanding that FEMA will release a report in the near future relating to the emergency master service agreement between PREPA and Cobra that was executed on October 19, 2017. The joint motion was granted by the court on April 14, 2021. On May 26, 2021, FEMA issued a Determination Memorandum related to the first contract between Cobra and PREPA in which, among other things, FEMA raised two contract compliance issues and, as a result, concluded that approximately \$47 million in costs were not authorized costs under the contract. On June 14, 2021, the Court issued an order adjourning Cobra’s motion to lift the stay order to a hearing on August 4, 2021 and directing Cobra and PREPA to meet and confer in good faith concerning (i) the May 26, 2021 Determination Memorandum issued by FEMA and (ii) whether and when a second determination memorandum is expected. The parties were further directed to file an additional status report, which was filed on July 20, 2021. On July 23, 2021, with our aid, PREPA filed an appeal of the entire \$47 million that FEMA de-

obligated in the May 26, 2021 Determination Memorandum. In the event PREPA (i) does not have or does not obtain the funds necessary to satisfy its obligations to Cobra under the contracts, (ii) obtains the necessary funds but refuses to pay the amounts owed to us or (iii) otherwise does not pay amounts owed to us for services performed, the receivable may not be collected and our financial condition, results of operations and cash flows would be materially and adversely affected. In addition, government contracts are subject to various uncertainties, restrictions and regulations, including oversight audits and compliance reviews by government agencies and representatives. In this regard, on September 10, 2019, the U.S. District Court for the District of Puerto Rico unsealed an indictment that charged the former president of Cobra with conspiracy, wire fraud, false statements and disaster fraud. Two other individuals were also charged in the indictment. The indictment is focused on the interactions between a former FEMA official and the former President of Cobra. Neither we nor any of our subsidiaries were charged in the indictment. We are continuing to cooperate with the related investigation. We are also subject to investigations and legal proceedings related to our contracts with PREPA. Given the uncertainty inherent in the criminal litigation, investigations and legal proceedings, it is not possible at this time to determine the potential outcome or other potential impacts that they could have on us. See Note 18. Commitments and Contingencies to our unaudited condensed consolidated financial statements included elsewhere in this report for additional information regarding these investigations and proceedings. Further, as noted above, our contracts with PREPA have concluded and we have not obtained, and there can be no assurance that we will be able to obtain, one or more contracts with PREPA or other customers to replace the level of services that we provided to PREPA under our previous contracts.

Our crew count declined from approximately 100 crews as of December 31, 2020 to approximately 83 crews as of September 30, 2021. Although the COVID-19 pandemic and resulting economic conditions have not had a material impact on demand or pricing for our infrastructure services, revenues for our infrastructure services have declined in 2021 as a result of certain management changes, which resulted in crew departures. During the third quarter of 2021, we made leadership changes in our infrastructure group. We are focused on cutting costs and enhancing accountability across the division, both of which we have already seen improving.

Funding for projects in the infrastructure space remains strong with the added opportunity of a new federal infrastructure bill, which we are optimistic will occur in the near future. We continue to pursue opportunities within this sector as we strategically structure our service offerings for growth, intending to increase our infrastructure services activity and expand both our geographic footprint and depth of projects. During the third quarter of 2021, we won our first fiber installation job, which we expect to begin in November 2021. We work for multiple utilities primarily across the northeastern, southwestern, midwestern and western portions of the United States. Our infrastructure management team also has experience with both solar and wind projects and we believe that this experience, combined with our vertically integrated service offerings, positions us well to compete and win renewable projects. We believe we will be able to grow our customer base and increase our revenues in the continental United States over the coming years.

Oil and Natural Gas Industry

The oil and natural gas industry has traditionally been volatile and is influenced by a combination of long-term, short-term and cyclical trends, including the domestic and international supply and demand for oil and natural gas, current and expected future prices for oil and natural gas and the perceived stability and sustainability of those prices, production depletion rates and the resultant levels of cash flows generated and allocated by exploration and production companies to their drilling, completion and related services and products budgets. The oil and natural gas industry is also impacted by general domestic and international economic conditions, political instability in oil producing countries, government regulations (both in the United States and elsewhere), levels of customer demand, the availability of pipeline capacity, storage capacity and other conditions and factors that are beyond our control. See “Recent Developments—Impact of the COVID-19 Pandemic and Volatility in Commodity Prices” above.

Demand for most of our oil and natural gas products and services depends substantially on the level of expenditures by companies in the oil and natural gas industry. The levels of capital expenditures of our customers are predominantly driven by the prices of oil and natural gas. As discussed above, oil prices dropped sharply throughout March and April of 2020. While improved commodity pricing has contributed to positive industry movement and increased equipment utilization, oil and natural gas prices are expected to continue to be volatile and we cannot predict if, or at what levels, commodity prices will stabilize. We experienced a weakening in demand for our oilfield services during 2019 as a result of reductions in our customers’ capital expenditure budgets. The sharp decline in oil prices beginning in March 2020, the continued volatility and strategic operating decisions by producers to curtail drilling activity have adversely impacted the utilization and pricing of our oilfield services.

In response to market conditions, we have temporarily shut down our cementing and acidizing operations and flowback operations beginning in July 2019, our contract drilling operations beginning in December 2019, our rig hauling operations beginning in April 2020, our coil tubing and full service transportation operations beginning in July 2020 and our

crude oil hauling operations beginning in July 2021. We continue to monitor the market to determine if and when we can recommence these services. We are currently operating two of our six pressure pumping fleets. Based on feedback from our exploration and production customers, they are taking a cautious approach to activity levels for the remainder of 2021 given the recent volatility in oil prices and investor sentiment calling for activities to remain within or below cash flows. Market fundamentals are challenging for our oilfield businesses and we expect this trend to continue. Although we believe the reported retirement of equipment across the industry may, at some point, help the market, pricing and utilization for our oilfield services are expected to remain competitive for the foreseeable future. While the oilfield portion of our service offerings continue to experience significant challenges, we expect to be ready to ramp up our oilfield service offerings when oilfield demand, pricing and margins strengthen.

We continue to closely monitor our cost structure in response to market conditions and intend to pursue additional cost savings where possible. Further, a significant portion of our revenue from our pressure pumping business had been derived from Gulfport. On December 28, 2019, Gulfport filed a lawsuit alleging our breach of our pressure pumping contract with Gulfport and seeking to terminate the contract and recover damages for alleged overpayments, audit costs and legal fees. Gulfport did not make the payments owed to us under this contract for any periods subsequent to its alleged December 28, 2019 termination date. Further, on November 13, 2020, Gulfport filed petitions for voluntary relief under chapter 11 of the Bankruptcy Code. On September 21, 2021, we reached a settlement with Gulfport under which all litigation relating to the Stingray Pressure Pumping contract will be terminated, Stingray Pressure Pumping will release all claims against Gulfport and its subsidiaries with respect to Gulfport's bankruptcy proceedings and each of the parties will release all claims they had against the others with respect to the litigation matters discussed above. We have not been able to obtain long-term contracts with other customers to replace our contract with Gulfport. See Note 18. Commitments and Contingencies to our unaudited condensed consolidated financial statements included elsewhere in this report for additional information.

Natural Sand Proppant Industry

In the natural sand proppant industry, demand growth for frac sand and other proppants is primarily driven by advancements in oil and natural gas drilling and well completion technology and techniques, such as horizontal drilling and hydraulic fracturing, as well as overall industry activity growth.

In 2018 and 2019, several new and existing suppliers completed planned capacity additions of frac sand supply, particularly in the Permian Basin. The industry expansion, coupled with increased capital discipline, budget exhaustion and the impact on oil demand from the COVID-19 pandemic, caused the frac sand market to become oversupplied, particularly in finer grades. With the frac sand market oversupplied, pricing for all grades has fallen significantly from the peaks experienced throughout 2018 and during the first half of 2019. This oversupply resulted in several industry participants idling and closing high cost mines in an attempt to restore the supply and demand balance and reduce the number of industry participants. Nevertheless, demand for our sand declined significantly in the second half of 2019 and throughout 2020 as a result of completion activity falling due to lower oil demand and pricing as discussed above, increased capital discipline by our customers, budget exhaustion and the COVID-19 pandemic. Activity has rebounded modestly in 2021 as we have seen an increase in the volume of sand sold, however the prices of frac sand have continued to be depressed compared to prior levels. We cannot predict if and when pricing and demand will recover sufficiently to return our natural sand proppant services segment to profitability.

Further, as a result of adverse market conditions, production at our Muskie sand facility in Pierce County, Wisconsin has been temporarily idled since September 2018. Our contracted capacity has provided a baseline of business, which has kept our Taylor and Piranha plants operating and our costs low.

A portion of our revenue from our natural sand proppant business had been derived from Gulfport pursuant to a contract. Gulfport did not make the payments owed to us under this contract for any periods subsequent to May 2020. In September 2020, we filed a lawsuit seeking to recover delinquent payments owed to us under this contract. On November 13, 2020, Gulfport filed petitions for voluntary relief under chapter 11 of the Bankruptcy Code. On September 21, 2021, the Company and Gulfport reached a settlement under which all litigation relating to the Muskie contract will be terminated and a portion of Muskie's contract claim against Gulfport will be allowed under Gulfport's plan of reorganization. The settlement remains subject to the final approval by the bankruptcy court overseeing Gulfport's bankruptcy. See Note 18. Commitments and Contingencies to our unaudited condensed consolidated financial statements included elsewhere in this report for additional information.

Results of Operations

Three Months Ended September 30, 2021 Compared to Three Months Ended September 30, 2020

	Three Months Ended	
	September 30, 2021	September 30, 2020
	(in thousands)	
Revenue:		
Infrastructure services	\$ 23,489	\$ 43,582
Well completion services	22,732	15,765
Natural sand proppant services	8,419	6,031
Drilling services	1,207	1,204
Other services	6,153	4,677
Eliminations	(4,515)	(725)
Total revenue	57,485	70,534
Cost of revenue:		
Infrastructure services (exclusive of depreciation and amortization of \$4,933 and \$7,294, respectively, for the three months ended September 30, 2021 and 2020)	20,595	29,045
Well completion services (exclusive of depreciation and amortization of \$6,538 and \$7,189, respectively, for the three months ended September 30, 2021 and 2020)	21,329	6,959
Natural sand proppant services (exclusive of depreciation, depletion and accretion of \$2,533 and \$2,700, respectively, for the three months ended September 30, 2021 and 2020)	9,368	4,154
Drilling services (exclusive of depreciation and amortization of \$1,942 and \$2,294, respectively, for the three months ended September 30, 2021 and 2020)	1,566	1,955
Other services (exclusive of depreciation and amortization of \$3,202 and \$3,655, respectively, for the three months ended September 30, 2021 and 2020)	5,241	4,541
Eliminations	(4,515)	(725)
Total cost of revenue	53,584	45,929
Selling, general and administrative expenses	41,866	12,180
Depreciation, depletion, amortization and accretion	19,148	23,132
Impairment of other long-lived assets	547	—
Operating loss	(57,660)	(10,707)
Interest expense, net	(1,484)	(1,098)
Other income (expense), net	11,056	9,042
Loss before income taxes	(48,088)	(2,763)
Benefit for income taxes	(7,187)	(6,193)
Net (loss) income	\$ (40,901)	\$ 3,430

Revenue. Revenue for the three months ended September 30, 2021 decreased \$13.0 million, or 18%, to \$57.5 million from \$70.5 million for the three months ended September 30, 2020. The decrease in total revenue is primarily attributable to a decline in infrastructure services revenue of \$20.1 million during the three months ended September 30, 2021, partially offset by an increase in well completion services revenue of \$6.9 million. Revenue derived from related parties was a nominal amount for the three months ended September 30, 2021 and \$10.4 million, or 15% of our total revenue, for the three months ended September 30, 2020. Substantially all of our related party revenue was derived from Gulfport under pressure pumping and sand contracts. For additional information regarding the status of these contracts and the litigation related to the pressure pumping contract, see “Industry Overview – Oil and Natural Gas Industry,” “Industry Overview – Natural Sand Proppant Industry” and Note 18. Commitments and Contingencies to our unaudited condensed consolidated financial statements included elsewhere in

this report. Following its emergence from bankruptcy, Gulfport is no longer a related party. Revenue by operating division was as follows:

Infrastructure Services. Infrastructure services division revenue decreased \$20.1 million, or 46%, to \$23.5 million for the three months ended September 30, 2021 from \$43.6 million for the three months ended September 30, 2020 primarily due to a decline in storm activity during the three months ended September 30, 2021 compared to the three months ended September 30, 2020, resulting in a \$20.4 million decline in storm restoration revenue.

Well Completion Services. Well completion services division revenue increased \$6.9 million, or 44%, to \$22.7 million for the three months ended September 30, 2021 from \$15.8 million for the three months ended September 30, 2020. Revenue derived from related parties was \$8.4 million, or 53% of total well completion revenue, for the three months ended September 30, 2020. We did not recognize any related party revenue for the three months ended September 30, 2021. All of our well completion related party revenue for the three months ended September 30, 2020 was derived from Gulfport under a pressure pumping contract. For additional information regarding the status of this contract and the litigation related to this contract, see “Industry Overview – Oil and Natural Gas Industry” above and Note 18 to our unaudited condensed consolidated financial statements included elsewhere in this report.

The increase in our well completion services revenue was primarily driven by a 53% increase in the number of stages completed from 449 for the three months ended September 30, 2020 to 688 for the three months ended September 30, 2021 as well as an increase in sand and chemical materials revenue. An average of 1.2 of our fleets were active for the three months ended September 30, 2021 as compared to an average of 0.9 fleets for the three months ended September 30, 2020.

Natural Sand Proppant Services. Natural sand proppant services division revenue increased \$2.4 million, or 40%, to \$8.4 million for the three months ended September 30, 2021, from \$6.0 million for the three months ended September 30, 2020. Revenue derived from related parties was \$1.9 million, or 32% of total sand revenue, for the three months ended September 30, 2020. We did not recognize any related party revenue for the three months ended September 30, 2021. All of our related party revenue for the three months ended September 30, 2020 was derived from Gulfport under a sand supply contract. For additional information regarding the status of this contract and the pending litigation related to this contract, see “Industry Overview – Natural Sand Proppant Industry” above and Note 18 to our unaudited condensed consolidated financial statements included elsewhere in this report. Inter-segment revenue, consisting primarily of revenue derived from our pressure pumping segment, was \$4.0 million, or 47% of total sand revenue, for the three months ended September 30, 2021. The natural sand proppant services division did not have inter-segment revenues for the three months ended September 30, 2020.

The increase in our natural sand proppant services revenue was primarily attributable to a 365% increase in tons of sand sold from 67,715 tons for the three months ended September 30, 2020 to 315,066 tons for the three months ended September 30, 2021, and a 6% increase in the average price per ton of sand sold from \$15.59 per ton during the three months ended September 30, 2020 to \$16.58 per ton during the three months ended September 30, 2021. These increases were partially offset by a decrease in shortfall revenue by \$4.9 million.

Drilling Services. Drilling services division revenue remained flat at \$1.2 million for the three months ended September 30, 2021 as compared to the three months ended September 30, 2020. In response to market conditions, we have temporarily shut down our contract land drilling operations beginning in December 2019 and our rig hauling operations beginning in April 2020.

Other Services. Other services revenue, consisting of revenue derived from our aviation, coil tubing, pressure control, equipment rental, full service transportation, crude oil hauling, remote accommodation, equipment manufacturing and infrastructure engineering and design businesses, increased \$1.5 million, or 32%, to \$6.2 million for the three months ended September 30, 2021 from \$4.7 million for the three months ended September 30, 2020. Inter-segment revenue, consisting primarily of revenue derived from our well completion segment, was \$0.5 million and \$0.7 million for the three months ended September 30, 2021 and 2020, respectively.

The increase in our other services revenue was primarily due to an increase in utilization for our equipment rental business. An average of 162 pieces of equipment was rented to customers during the three months ended September 30, 2021, an increase of 131% from an average of 70 pieces of equipment rented to customers during the three months ended September 30, 2020. Due to market conditions, we have temporarily shut down our coil tubing and full service transportation operations beginning in July 2020 and our crude oil hauling business beginning in July 2021.

Cost of Revenue (exclusive of depreciation, depletion, amortization and accretion expense). Cost of revenue, exclusive of depreciation, depletion, amortization and accretion expense, increased \$7.7 million from \$45.9 million, or 65% of total revenue, for the three months ended September 30, 2020 to \$53.6 million, or 93% of total revenue, for the three months ended September 30, 2021. The increase is primarily due to an increase in cost of revenue for the well completion services division, partially offset by a decrease in cost of revenue for the infrastructure services division. Cost of revenue by operating division was as follows:

Infrastructure Services. Infrastructure services division cost of revenue, exclusive of depreciation and amortization expense, decreased \$8.4 million, or 29%, to \$20.6 million for the three months ended September 30, 2021 from \$29.0 million for the three months ended September 30, 2020, primarily due to a decline in activity. As a percentage of revenue, cost of revenue, exclusive of depreciation and amortization expense of \$4.9 million and \$7.3 million for the three months ended September 30, 2021 and 2020, respectively, was 88% and 67% for the three months ended September 30, 2021 and 2020, respectively. The increase as a percentage of revenue is primarily due to increases in labor related costs and insurance costs as a percentage of revenue.

Well Completion Services. Well completion services division cost of revenue, exclusive of depreciation and amortization expense, increased \$14.3 million, or 204%, to \$21.3 million for the three months ended September 30, 2021 from \$7.0 million for the three months ended September 30, 2020, primarily due to an increase in costs of goods sold as a result of providing sand and chemicals with our service package to customers during the three months ended September 30, 2021. As a percentage of revenue, our well completion services division cost of revenue, exclusive of depreciation and amortization expense of \$6.5 million and \$7.2 million for the three months ended September 30, 2021 and 2020, respectively, was 94% and 44% for the three months ended September 30, 2021 and 2020, respectively. The increase as a percentage of revenue is primarily due to the recognition of standby revenue during the three months ended September 30, 2020, of which there was a lower percentage of costs recognized compared to the three months ended September 30, 2021. Additionally, during the three months ended September 30, 2021, we provided sand and chemicals with our service package to customers, resulting in higher cost of goods sold as a percentage of revenue for this period in comparison to the three months ended September 30, 2020.

Natural Sand Proppant Services. Natural sand proppant services division cost of revenue, exclusive of depreciation, depletion and accretion expense, increased \$5.2 million, or 124%, to \$9.4 million for the three months ended September 30, 2021 from \$4.2 million for the three months ended September 30, 2020. As a percentage of revenue, cost of revenue, exclusive of depreciation, depletion and accretion expense of \$2.5 million and \$2.7 million for the three months ended September 30, 2021 and 2020, respectively, was 112% and 70% for the three months ended September 30, 2021 and 2020, respectively. The increase is primarily due to the recognition of shortfall revenue during the three months ended September 30, 2020, for which there are no associated costs, compared to the three months ended September 30, 2021.

Drilling Services. Drilling services division cost of revenue, exclusive of depreciation and amortization expense, decreased \$0.4 million, or 20%, to \$1.6 million for the three months ended September 30, 2021 from \$2.0 million for the three months ended September 30, 2020. As a percentage of revenue, our drilling services division cost of revenue, exclusive of depreciation and amortization expense of \$1.9 million and \$2.3 million for the three months ended September 30, 2021 and 2020, respectively, was 133% and 167% for the three months ended September 30, 2021 and 2020, respectively.

Other Services. Other services division cost of revenue, exclusive of depreciation and amortization expense, increased \$0.7 million, or 16%, to \$5.2 million for the three months ended September 30, 2021 from \$4.5 million for the three months ended September 30, 2020, primarily due to increased activity. As a percentage of revenue, cost of revenue, exclusive of depreciation and amortization expense of \$3.2 million and \$3.7 million for the three months ended September 30, 2021 and 2020, respectively, was 84% and 96% for the three months ended September 30, 2021 and 2020, respectively. The decrease is primarily due to a decline in labor costs as a percentage of revenue.

Selling, General and Administrative Expenses. Selling, general and administrative, or SG&A, expenses represent the costs associated with managing and supporting our operations. The table below presents a breakdown of SG&A expenses for the periods indicated (in thousands):

	Three Months Ended	
	September 30, 2021	September 30, 2020
Cash expenses:		
Compensation and benefits	\$ 3,353	\$ 3,449
Professional services	4,571	5,651
Other ^(a)	2,252	2,163
Total cash SG&A expense	10,176	11,263
Non-cash expenses:		
Bad debt provision ^(b)	31,449	626
Stock based compensation	241	291
Total non-cash SG&A expense	31,690	917
Total SG&A expense	\$ 41,866	\$ 12,180

a. Includes travel-related costs, information technology expenses, rent, utilities and other general and administrative-related costs.

b. The bad debt provision for the three months ended September 30, 2021 includes \$31.2 million related to the Stingray Pressure Pumping and Muskie contracts with Gulfport. See "Industry Overview – Oil and Natural Gas Industry," "Industry Overview – Natural Sand Proppant Industry" and Note 18. Commitments and Contingencies to our unaudited condensed consolidated financial statements included elsewhere in this report.

Depreciation, Depletion, Amortization and Accretion. Depreciation, depletion, amortization and accretion decreased \$4.0 million, or 17%, to \$19.1 million for the three months ended September 30, 2021 from \$23.1 million for the three months ended September 30, 2020. The decrease is primarily attributable to a decline in property and equipment depreciation expense.

Impairment of Long-Lived Assets. During the three months ended September 30, 2021, we began the temporary shut down of our crude oil hauling operations, resulting in impairment of trade names of \$0.5 million.

Operating Loss. We reported an operating loss of \$57.7 million for the three months ended September 30, 2021 compared to an operating loss of \$10.7 million for the three months ended September 30, 2020. The increase in operating loss is primarily due to the recognition of \$31.4 million in bad debt expense attributable to our contracts with Gulfport, as well as an increase in costs of revenue as a percentage of revenue.

Interest Expense, Net. Interest expense, net increased \$0.4 million, or 36%, to \$1.5 million for the three months ended September 30, 2021 from \$1.1 million for the three months ended September 30, 2020. The increase is primarily due to an increase in average borrowings outstanding under our revolving credit facility.

Other Income (Expense), Net. Other income increased \$2.0 million during the three months ended September 30, 2021 compared to the three months ended September 30, 2020 primarily due to an increase in interest on trade accounts receivable.

Income Taxes. We recorded an income tax benefit of \$7.2 million on pre-tax losses of \$48.1 million for the three months ended September 30, 2021 compared to an income tax expense of \$6.2 million on pre-tax losses of \$2.8 million for the three months ended September 30, 2020. During the three months ended September 30, 2020, we recorded a benefit of \$8 million related to provisions in the Coronavirus Aid, Relief, and Economic Security (CARES) Act.

Nine Months Ended September 30, 2021 Compared to Nine Months Ended September 30, 2020

	Nine Months Ended	
	September 30, 2021	September 30, 2020
(in thousands)		
Revenue:		
Infrastructure services	\$ 69,965	\$ 99,307
Well completion services	63,059	75,629
Natural sand proppant services	24,011	22,516
Drilling services	3,288	7,182
Other services	17,365	26,629
Eliminations	(5,958)	(3,237)
Total revenue	171,730	228,026
Cost of revenue:		
Infrastructure services (exclusive of depreciation and amortization of \$17,499 and \$22,416, respectively, for the nine months ended September 30, 2021 and 2020)	67,029	80,977
Well completion services (exclusive of depreciation and amortization of \$19,668 and \$23,346, respectively, for the nine months ended September 30, 2021 and 2020)	47,788	41,864
Natural sand proppant services (exclusive of depreciation, depletion and accretion of \$7,059 and \$7,380, respectively, for the nine months ended September 30, 2021 and 2020)	22,631	21,845
Drilling services (exclusive of depreciation of \$6,185 and \$7,814, respectively, for the nine months ended September 30, 2021 and 2020)	4,739	9,743
Other services (exclusive of depreciation and amortization of \$10,148 and \$12,174, respectively, for the nine months ended September 30, 2021 and 2020)	15,810	25,396
Eliminations	(5,958)	(3,237)
Total cost of revenue	152,039	176,588
Selling, general and administrative expenses	74,697	36,677
Depreciation, depletion, amortization and accretion	60,559	73,130
Impairment of goodwill	—	54,973
Impairment of long-lived assets	547	12,897
Operating loss	(116,112)	(126,239)
Interest expense, net	(3,878)	(4,207)
Other income, net	5,489	25,721
Loss before income taxes	(114,501)	(104,725)
Benefit for income taxes	(26,370)	(8,979)
Net loss	\$ (88,131)	\$ (95,746)

Revenue. Revenue for the nine months ended September 30, 2021 decreased \$56.3 million, or 25%, to \$171.7 million from \$228.0 million for the nine months ended September 30, 2020. The decrease in total revenue is primarily attributable to declines in revenue across most business lines. Revenue derived from related parties was \$17.8 million, or 10% of our total revenue, for the nine months ended September 30, 2021 and \$40.9 million, or 18% of our total revenue, for the nine months ended September 30, 2020. Substantially all of our related party revenue was derived from Gulfport under pressure pumping and sand contracts. For additional information regarding the status of these contracts and the pending litigation related to the pressure pumping contract, see “Industry Overview – Oil and Natural Gas Industry,” “Industry Overview – Natural Sand Proppant Industry” and Note 18. Commitments and Contingencies to our unaudited condensed consolidated financial statements included elsewhere in this report. Revenue by operating division was as follows:

Infrastructure Services. Infrastructure services division revenue decreased \$29.3 million, or 30%, to \$70.0 million for the nine months ended September 30, 2021 from \$99.3 million for the nine months ended September 30, 2020 primarily due to crew departures as a result of certain changes in management. Additionally, there was less storm activity during the nine months ended September 30, 2021 compared to the nine months ended September 30, 2020, resulting in an \$11.5 million decline in storm restoration revenue.

Well Completion Services. Well completion services division revenue decreased \$12.5 million, or 17%, to \$63.1 million for the nine months ended September 30, 2021 from \$75.6 million for the nine months ended September 30, 2020. Revenue derived from related parties was \$14.8 million, or 23% of total well completion, for the nine months ended September 30, 2021 compared to \$35.0 million, or 46% of total well completion revenue, for the nine months ended September 30, 2020. All of our well completion related party revenue was derived from Gulfport under a pressure pumping contract. On November 13, 2020, Gulfport filed petitions for voluntary relief under chapter 11 of the Bankruptcy Code. During the nine months ended September 30, 2021, we recognized revenue totaling \$15 million related to the modification of our pressure pumping contract with Gulfport. For additional information regarding the status of this contract and the pending litigation related to this contract, see “Industry Overview – Oil and Natural Gas Industry” above and notes 2 and 3 to our unaudited condensed consolidated financial statements included elsewhere in this report. Inter-segment revenues, consisting primarily of revenue derived from our sand segment, was \$0.1 million and \$1.1 million for the nine months ended September 30, 2021 and 2020, respectively.

The decrease in our well completion services revenue was primarily driven by a declines in pressure pumping services utilization and pricing. The number of stages completed decreased 36% to 1,653 for the nine months ended September 30, 2021 from 2,589 for the nine months ended September 30, 2020. An average of 1.0 of our six fleets were active for the nine months ended September 30, 2021 as compared to an average of 1.8 fleets for the nine months ended September 30, 2020.

Natural Sand Proppant Services. Natural sand proppant services division revenue increased \$1.5 million, or 7%, to \$24.0 million for the nine months ended September 30, 2021, from \$22.5 million for the nine months ended September 30, 2020. Revenue derived from related parties was \$2.1 million, or 9% of total sand revenue, for the nine months ended September 30, 2021 and \$6.0 million, or 27% of total sand revenue, for the nine months ended September 30, 2020. All of our related party revenue was derived from Gulfport under a sand supply contract. On November 13, 2020, Gulfport filed petitions for voluntary relief under chapter 11 of the Bankruptcy Code. During the three months ended March 31, 2021, we recognized revenue totaling \$2 million related to the modification of our sand supply contract with Gulfport. For additional information regarding the status of this contract and the pending litigation related to this contract, see “Industry Overview – Natural Sand Proppant Industry” above and notes 2 and 3 to our unaudited condensed consolidated financial statements included elsewhere in this report. Inter-segment revenue, consisting primarily of revenue derived from our pressure pumping segment, was \$4.0 million, or 17% of total sand revenue, for the nine months ended September 30, 2021. The natural sand proppant services division did not have inter-segment revenues for the nine months ended September 30, 2020.

The increase in our natural sand proppant services revenue was primarily attributable to a 90% increase in tons of sand sold from approximately 389,436 tons for the nine months ended September 30, 2020 to approximately 741,458 tons for the nine months ended September 30, 2021 and a 14% increase in the average sales price per ton of sand sold from \$14.32 per ton during the nine months ended September 30, 2020 to \$16.37 per ton during the nine months ended September 30, 2021. This increase was partially offset by an \$8.7 million decline in shortfall revenue for the nine months ended September 30, 2021.

Drilling Services. Drilling services division revenue decreased \$3.9 million, or 54%, to \$3.3 million for the nine months ended September 30, 2021 from \$7.2 million for the nine months ended September 30, 2020. The decline in our drilling services revenue was primarily attributable to declines in directional drilling and rig hauling revenue. In response to market conditions, we have temporarily shut down our contract land drilling operations beginning in December 2019 and our rig hauling operations beginning in April 2020.

Other Services. Other services revenue, consisting of revenue derived from our coil tubing, equipment rental, full service transportation, crude oil hauling, remote accommodation, equipment manufacturing and infrastructure engineering businesses, decreased \$9.2 million, or 35%, to \$17.4 million for the nine months ended September 30, 2021 from \$26.6 million for the nine months ended September 30, 2020. Inter-segment revenue, consisting primarily of revenue derived from our infrastructure and well completion segments, totaled \$1.8 million and \$2.0 million for the nine months ended September 30, 2021 and 2020, respectively.

The decrease in our other services revenue was primarily due to a decline in utilization for our equipment rental business. An average of 117 pieces of equipment was rented to customers during the nine months ended September 30, 2021, a decrease of 52% from an average of 245 pieces of equipment rented to customers during the nine months ended September 30, 2020. Additionally, utilization for remote accommodations business declined. Due to market conditions, we have temporarily shut down our coil tubing and full service transportation operations beginning in July 2020. These decreases were partially offset by increases in revenue from our infrastructure engineering business.

Cost of Revenue (exclusive of depreciation, depletion, amortization and accretion expense). Cost of revenue, exclusive of depreciation, depletion, amortization and accretion expense, decreased \$24.6 million from \$176.6 million, or 77% of total revenue, for the nine months ended September 30, 2020 to \$152.0 million, or 89% of total revenue, for the nine months ended September 30, 2021. The decrease in cost of revenue was primarily due to a decline in activity for our infrastructure services and other services divisions. Cost of revenue by operating division was as follows:

Infrastructure Services. Infrastructure services division cost of revenue, exclusive of depreciation and amortization expense, decreased \$14.0 million, or 17%, to \$67.0 million for the nine months ended September 30, 2021 from \$81.0 million for the nine months ended September 30, 2020, primarily due to a decline in activity. As a percentage of revenue, cost of revenue, exclusive of depreciation and amortization expense of \$17.5 million and \$22.4 million, respectively, for the nine months ended September 30, 2021 and 2020 was 96% and 82% for the nine months ended September 30, 2021 and 2020, respectively. The increase as a percentage of revenue is primarily due to increased labor costs as a percentage of revenue.

Well Completion Services. Well completion services division cost of revenue, exclusive of depreciation and amortization expense, increased \$5.9 million, or 14%, to \$47.8 million for the nine months ended September 30, 2021 from \$41.9 million for the nine months ended September 30, 2020, primarily due to an increase in cost of goods sold as a result of providing sand and chemicals with our service package to customers during the nine months ended September 30, 2021. As a percentage of revenue, our well completion services division cost of revenue, exclusive of depreciation and amortization expense of \$19.7 million and \$23.3 million for the nine months ended September 30, 2021 and 2020, respectively, was 76% and 55% for the nine months ended September 30, 2021 and 2020, respectively. The increase as a percentage of revenue is primarily due to the recognition of more pressure pumping services standby revenue during the nine months ended September 30, 2020, of which there was a lower percentage of costs recognized compared to the nine months ended September 30, 2021. Additionally, during the nine months ended September 30, 2021, we provided sand and chemicals with our service package to customers, resulting in higher cost of goods sold as a percentage of revenue for this period in comparison to the nine months ended September 30, 2020.

Natural Sand Proppant Services. Natural sand proppant services division cost of revenue, exclusive of depreciation, depletion and accretion expense, increased \$0.8 million, or 4%, from \$21.8 million for the nine months ended September 30, 2020 to \$22.6 million for the nine months ended September 30, 2021. As a percentage of revenue, cost of revenue, exclusive of depreciation, depletion and accretion expense of \$7.1 million and \$7.4 million for each of the nine months ended September 30, 2021 and 2020, respectively, was 94% and 97% for the nine months ended September 30, 2021 and 2020, respectively. The decrease in cost as a percentage of revenue is primarily due to a 14% increase in average sales price.

Drilling Services. Drilling services division cost of revenue, exclusive of depreciation and amortization expense, decreased \$5.0 million, or 52%, from \$9.7 million for the nine months ended September 30, 2020 to \$4.7 million for the nine months ended September 30, 2021, as a result of reduced activity. In response to market conditions, we have temporarily shut down our contract land drilling operations beginning in December 2019 and our rig hauling operations beginning in April 2020. As a percentage of revenue, our drilling services division cost of revenue, exclusive of depreciation and amortization expense of \$6.2 million and \$7.8 million, for the nine months ended September 30, 2021 and 2020, respectively, was 142% and 135% for the nine months ended September 30, 2021 and 2020, respectively. The increase as a percentage of revenue is primarily due to a decline in utilization.

Other Services. Other services division cost of revenue, exclusive of depreciation and amortization expense, decreased \$9.6 million, or 38%, from \$25.4 million for the nine months ended September 30, 2020 to \$15.8 million for the nine months ended September 30, 2021, primarily due to a decline in costs for our equipment rental, coil tubing and full service transportation businesses as a result of reduced activity. Due to market conditions, we have temporarily shut down our coil tubing and full service transportation operations beginning in July 2020. These declines were partially offset by an increase in costs for our infrastructure engineering business. As a percentage of revenue, cost of revenue, exclusive of depreciation and amortization expense of \$10.1 million and \$12.2 million for the nine

months ended September 30, 2021 and 2020, respectively, was 91% and 95% for the nine months ended September 30, 2021 and 2020, respectively.

Selling, General and Administrative Expenses. Selling, general and administrative expenses represent the costs associated with managing and supporting our operations. The table below presents a breakdown of SG&A expenses for the periods indicated (in thousands):

	Nine Months Ended	
	September 30, 2021	September 30, 2020
Cash expenses:		
Compensation and benefits	\$ 11,379	\$ 11,138
Professional services	13,783	15,335
Other ^(a)	7,058	6,572
Total cash SG&A expenses	32,220	33,045
Non-cash expenses:		
Bad debt provision	41,650	2,306
Stock based compensation	827	1,326
Total non-cash SG&A expenses	42,477	3,632
Total SG&A expenses	\$ 74,697	\$ 36,677

a. Includes travel-related costs, IT expenses, rent, utilities and other general and administrative-related costs.

b. The bad debt provision for the nine months ended September 30, 2021 includes \$41.2 million related to the Stingray Pressure Pumping and Muskie contracts with Gulfport. See "Industry Overview – Oil and Natural Gas Industry," "Industry Overview – Natural Sand Proppant Industry" and Note 18. Commitments and Contingencies to our unaudited condensed consolidated financial statements included elsewhere in this report.

Depreciation, Depletion, Amortization and Accretion. Depreciation, depletion, amortization and accretion decreased \$12.5 million to \$60.6 million for the nine months ended September 30, 2021 from \$73.1 million for the nine months ended September 30, 2020. The decrease is primarily attributable to a decline in property and equipment depreciation expense.

Impairment of Goodwill. As a result of market conditions, we performed an impairment assessment of our goodwill as of March 31, 2020. We determined that the carrying value of goodwill for certain of our entities exceeded their fair values, resulting in impairment expense of \$55.0 million.

Impairment of Other Long-Lived Assets. During the three months ended September 30, 2021, we temporarily shut down our crude oil hauling operations, resulting in impairment of trade names of \$0.5 million. During the nine months ended September 30, 2020, we recorded impairment of property and equipment, including water transfer, crude oil hauling, coil tubing and equipment rental assets, totaling \$12.9 million.

Operating Loss. We reported an operating loss of \$116.1 million for the nine months ended September 30, 2021 compared to an operating loss of \$126.2 million for the nine months ended September 30, 2020. The reduced operating loss was primarily due to the recognition of \$67.9 million in impairment expense during the nine months ended September 30, 2020, partially offset by a \$39.3 million increase in bad debt expense.

Interest Expense, Net. Interest expense, net decreased \$0.3 million during the nine months ended September 30, 2021 compared to the nine months ended September 30, 2020 primarily due to a decrease in average borrowings outstanding.

Other Income (Expense), Net. We recognized other income, net of \$5.5 million during the nine months ended September 30, 2021 compared to \$25.7 million for the nine months ended September 30, 2020. During the nine months ended September 30, 2021 we recognized expense of \$25.0 million related to an agreement to settle a legal matter. We recognized interest on trade accounts receivable of \$25.1 million for the nine months ended September 30, 2021 compared to \$26.1 million for nine months ended September 30, 2020.

Income Taxes. We recorded an income tax benefit of \$26.4 million on pre-tax losses of \$114.5 million for the nine months ended September 30, 2021 compared to an income tax benefit of \$9.0 million on pre-tax loss of \$104.7 million for the nine months ended September 30, 2020. Our effective tax rate was 23% for the nine months ended September 30, 2021 compared to 9% for the nine months ended September 30, 2020. The increase compared to the nine months ended September 30, 2020 was partially due to the mix of earnings between the United States and Puerto Rico as well as changes in

the valuation allowance. Additionally, during the nine months ended September 30, 2020, we recorded a benefit of \$2 million related to provisions in the Coronavirus Aid, Relief, and Economic Security (CARES) Act, which was enacted on March 27, 2020. Our effective tax rate was also impacted by permanent differences such as goodwill impairment for the nine months ended September 30, 2020.

Non-GAAP Financial Measures

Adjusted EBITDA

Adjusted EBITDA is a supplemental non-GAAP financial measure that is used by management and external users of our financial statements, such as industry analysts, investors, lenders and rating agencies. We define Adjusted EBITDA as net (loss) income before depreciation, depletion, amortization and accretion, impairment of goodwill, impairment of other long-lived assets, public offering costs, stock based compensation, interest expense, net, other (income) expense, net (which is comprised of the (gain) or loss on disposal of long-lived assets and interest on trade accounts receivable) and (benefit) provision for income taxes, further adjusted to add back interest on trade accounts receivable. We exclude the items listed above from net (loss) income in arriving at Adjusted EBITDA because these amounts can vary substantially from company to company within our industries depending upon accounting methods and book values of assets, capital structures and the method by which the assets were acquired. Adjusted EBITDA should not be considered as an alternative to, or more meaningful than, net (loss) income or cash flows from operating activities as determined in accordance with GAAP or as an indicator of our operating performance or liquidity. Certain items excluded from Adjusted EBITDA are significant components in understanding and assessing a company's financial performance, such as a company's cost of capital and tax structure, as well as the historic costs of depreciable assets, none of which are components of Adjusted EBITDA. Our computations of Adjusted EBITDA may not be comparable to other similarly titled measures of other companies. We believe that Adjusted EBITDA is a widely followed measure of operating performance and may also be used by investors to measure our ability to meet debt service requirements.

The following tables provide a reconciliation of Adjusted EBITDA to the GAAP financial measure of net income or (loss) for each of our operating segments for the specified periods (in thousands).

Consolidated

Reconciliation of Adjusted EBITDA to net (loss) income:	Three Months Ended				Nine Months Ended			
	September 30,				September 30,			
	2021		2020		2021		2020	
Net (loss) income	\$	(40,901)	\$	3,430	\$	(88,131)	\$	(95,746)
Depreciation, depletion, amortization and accretion expense		19,148		23,132		60,559		73,130
Impairment of goodwill		—		—		—		54,973
Impairment of other long-lived assets		547		—		547		12,897
Public offering costs		13		—		91		—
Stock based compensation		252		353		950		1,598
Interest expense, net		1,484		1,098		3,878		4,207
Other income, net		(11,056)		(9,042)		(5,489)		(25,721)
Benefit for income taxes		(7,187)		(6,193)		(26,370)		(8,979)
Interest on trade accounts receivable		7,963		9,285		25,138		26,052
Adjusted EBITDA	\$	(29,737)	\$	22,063	\$	(28,827)	\$	42,411

Infrastructure Services

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2021	2020	2021	2020
Reconciliation of Adjusted EBITDA to net income (loss):				
Net income (loss)	\$ (2,288)	\$ 6,123	\$ (29,946)	\$ (6,182)
Depreciation and amortization expense	4,933	7,294	17,499	22,416
Public offering costs	(7)	—	37	—
Stock based compensation	96	139	388	424
Interest expense	971	623	2,287	2,091
Other income, net	(9,256)	(8,375)	(2,663)	(24,082)
Provision (benefit) for income taxes	3,947	1,645	(2,463)	5,085
Interest on trade accounts receivable	9,290	8,170	26,980	23,796
Adjusted EBITDA	\$ 7,686	\$ 15,619	\$ 12,119	\$ 23,548

Well Completion Services

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2021	2020	2021	2020
Reconciliation of Adjusted EBITDA to net (loss) income:				
Net (loss) income	\$ (40,711)	\$ 799	\$ (53,391)	\$ (50,951)
Depreciation and amortization expense	6,538	7,189	19,668	23,346
Impairment of goodwill	—	—	—	53,406
Impairment of other long-lived assets	—	—	—	4,203
Public offering costs	19	—	31	—
Stock based compensation	95	76	253	458
Interest expense	215	253	688	857
Other expense (income), net	755	(1,156)	1,196	(2,444)
Interest on trade accounts receivable	(1,327)	1,073	(1,841)	2,206
Adjusted EBITDA	\$ (34,416)	\$ 8,234	\$ (33,396)	\$ 31,081

Natural Sand Proppant Services

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2021	2020	2021	2020
Reconciliation of Adjusted EBITDA to net loss:				
Net loss	\$ (4,611)	\$ (3,741)	\$ (9,186)	\$ (12,415)
Depreciation, depletion, amortization and accretion expense	2,533	2,700	7,059	7,380
Public offering costs	—	—	12	—
Stock based compensation	32	77	163	354
Interest expense	107	70	291	217
Other (income) expense, net	(46)	1,792	(892)	1,753
Interest on trade accounts receivable	—	26	(1)	26
Adjusted EBITDA	\$ (1,985)	\$ 924	\$ (2,554)	\$ (2,685)

Drilling Services

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2021	2020	2021	2020
Reconciliation of Adjusted EBITDA to net loss:				
Net loss	\$ (2,579)	\$ (3,508)	\$ (8,717)	\$ (13,676)
Depreciation expense	1,942	2,294	6,185	7,814
Impairment of other long-lived assets	—	—	—	326
Public offering costs	—	—	2	—
Stock based compensation	6	38	71	166
Interest expense	56	60	177	450
Other (income) expense, net	(66)	20	(201)	(251)
Adjusted EBITDA	\$ (641)	\$ (1,096)	\$ (2,483)	\$ (5,171)

Other Services^(a)

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2021	2020	2021	2020
Reconciliation of Adjusted EBITDA to net income (loss):				
Net income (loss)	\$ 9,288	\$ 3,756	\$ 13,109	\$ (12,522)
Depreciation, amortization and accretion expense	3,202	3,655	10,148	12,174
Impairment of goodwill	—	—	—	1,567
Impairment of other long-lived assets	547	—	547	8,368
Public offering costs	1	—	9	—
Stock based compensation	23	23	75	196
Interest expense, net	135	92	435	592
Other income, net	(2,443)	(1,323)	(2,929)	(697)
Benefit for income taxes	(11,134)	(7,838)	(23,907)	(14,064)
Interest on trade accounts receivable	—	16	—	25
Adjusted EBITDA	\$ (381)	\$ (1,619)	\$ (2,513)	\$ (4,361)

a. Includes results for our aviation, coil tubing, pressure control, equipment rentals, full service transportation, crude oil hauling, remote accommodations, equipment manufacturing and infrastructure engineering and design services and corporate related activities. Our corporate related activities do not generate revenue.

Adjusted Net Loss and Adjusted Loss per Share

Adjusted net loss and adjusted loss per share are supplemental non-GAAP financial measures that are used by management to evaluate our operating and financial performance. Management believes these measures provide meaningful information about the Company's performance by excluding certain non-cash charges, such as impairment of goodwill and impairment of other long-lived assets, that may not be indicative of the Company's ongoing operating results. Adjusted net loss and adjusted loss per share should not be considered in isolation or as a substitute for net loss and loss per share prepared in accordance with GAAP and may not be comparable to other similarly titled measures of other companies. The following tables provide a reconciliation of adjusted net loss and adjusted loss per share to the GAAP financial measures of net loss and loss per share for the periods specified.

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2021	2020	2021	2020
	(in thousands, except per share amounts)			
Net loss, as reported	\$ (40,901)	\$ 3,430	\$ (88,131)	\$ (95,746)
Impairment of goodwill	—	—	—	54,973
Impairment of other long-lived assets	547	—	547	12,897
Adjusted net loss	\$ (40,354)	\$ 3,430	\$ (87,584)	\$ (27,876)
Basic loss per share, as reported	\$ (0.88)	\$ 0.07	\$ (1.90)	\$ (2.10)
Impairment of goodwill	—	—	—	1.21
Impairment of other long-lived assets	0.01	—	0.01	0.28
Adjusted basic loss per share	\$ (0.87)	\$ 0.07	\$ (1.89)	\$ (0.61)
Diluted loss per share, as reported	\$ (0.88)	\$ 0.07	\$ (1.90)	\$ (2.10)
Impairment of goodwill	—	—	—	1.21
Impairment of other long-lived assets	0.01	—	0.01	0.28
Adjusted diluted loss per share	\$ (0.87)	\$ 0.07	\$ (1.89)	\$ (0.61)

Liquidity and Capital Resources

We require capital to fund ongoing operations including maintenance expenditures on our existing fleet of equipment, organic growth initiatives, investments and acquisitions, and the litigation settlement obligations described in Note 18 "Commitments and Contingencies" of the Notes to the Unaudited Condensed Consolidated Financial Statements. Our primary sources of liquidity have been cash on hand, borrowings under our revolving credit facility and cash flows from operations. Our primary uses of capital have been for investing in property and equipment used to provide our services and to acquire complementary businesses.

Liquidity

The following table summarizes our liquidity as of the dates indicated (in thousands):

	September 30, 2021	December 31, 2020
Cash and cash equivalents	\$ 7,953	\$ 14,822
Revolving credit facility availability	129,184	129,787
Less outstanding borrowings on credit facility	(76,951)	(78,000)
Less letter of credit facilities (bonding program)	(1,000)	(5,000)
Less letter of credit facilities (insurance programs)	(3,889)	(3,890)
Less letter of credit facilities (environmental remediation)	(3,694)	(3,694)
Less letter of credit facilities (rail car commitments)	(455)	(455)
Net working capital (less cash) ^(a)	271,999	321,328
Total	\$ 323,147	\$ 374,898

a. Net working capital (less cash) is a non-GAAP measure and is calculated by subtracting total current liabilities of \$146 million and cash and cash equivalents of \$8 million from total current assets of \$426 million as of September 30, 2021. As of December 31, 2020, net working capital (less cash) is calculated by subtracting total current liabilities of \$129 million and cash and cash equivalents of \$15 million from total current assets of \$465 million. Amounts include receivables due from PREPA and Gulfport of \$328 million and a nominal amount, respectively, at September 30, 2021 and \$301 million and \$28 million, respectively, at December 31, 2020.

As of November 3, 2021, we had cash on hand of \$7 million and outstanding borrowings under our revolving credit facility of \$76 million, leaving an aggregate of \$24 million of available borrowing capacity under this facility, after giving effect to \$9 million of outstanding letters of credit, the \$10 million reduction in the borrowing base and the requirement to maintain a \$10 million reserve out of the available borrowing capacity during the limited waiver period as described below.

Continued prolonged volatility in the capital, financial and/or credit markets due to the COVID-19 pandemic, volatility in commodity prices and/or adverse macroeconomic conditions may further limit our access to, or increase our cost of, capital or make capital unavailable on terms acceptable to us or at all. In addition, if we are unable to comply with the covenants under our amended revolving credit facility following the expiration of the waiver period contemplated thereunder, as discussed below, and an event of default occurs and remains uncured, our lenders would not be required to lend any additional amounts to us, could elect to increase our interest rate by 200 basis points, could elect to declare all outstanding borrowings, together with accrued and unpaid interest and fees, to be due and payable, may have the ability to require us to apply all of our available cash to repay our outstanding borrowings and may foreclose on substantially all of our assets.

Cash Flows

The following table sets forth our cash flows at the dates indicated (in thousands):

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2021	2020	2021	2020
Net cash (used in) provided by operating activities	\$ (20,235)	\$ (5,051)	\$ (15,764)	\$ 1,782
Net cash provided by (used in) investing activities	2,184	791	5,107	(1,090)
Net cash provided by financing activities	14,994	41	3,780	7,377
Effect of foreign exchange rate on cash	(28)	80	8	(57)
Net change in cash	\$ (3,085)	\$ (4,139)	\$ (6,869)	\$ 8,012

Operating Activities

Net cash used in operating activities was \$16 million for the nine months ended September 30, 2021, compared to net cash provided by operating activities of \$2 million for the nine months ended September 30, 2020. Net cash used in operating activities was \$20 million for the three months ended September 30, 2021, compared to net cash used in operating activities of \$5 million for the three months ended September 30, 2020. The change in operating cash flows was primarily attributable to the timing of cash inflows for accounts receivable during the three and nine months ended September 30, 2021.

Investing Activities

Net cash provided by investing activities was \$5 million for the nine months ended September 30, 2021, compared to net cash used in investing activities of \$1 million for the nine months ended September 30, 2020. Net cash provided by investing activities was \$2 million for the three months ended September 30, 2021, compared to net cash provided by investing activities of \$1 million for the three months ended September 30, 2020. Cash used in investing activities was primarily used to purchase property and equipment that is utilized to provide our services, which was offset by proceeds from the disposal of property and equipment.

The following table summarizes our capital expenditures by operating division for the periods indicated (in thousands):

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2021	2020	2021	2020
Infrastructure services ^(a)	\$ 181	\$ 178	\$ 474	\$ 221
Well completion services ^(b)	2,392	698	3,192	3,752
Natural sand proppant services ^(c)	16	194	429	1,069
Drilling services ^(d)	4	132	42	199
Other ^(e)	172	323	337	708
Total capital expenditures	\$ 2,765	\$ 1,525	\$ 4,474	\$ 5,949

- Capital expenditures primarily for tooling and other equipment for the three and nine months ended September 30, 2021.
- Capital expenditures primarily for upgrades to our pressure pumping fleet to reduce greenhouse gas emissions and water transfer equipment for the three and nine months ended September 30, 2021 and 2020.
- Capital expenditures primarily for maintenance for the three and nine months ended September 30, 2021 and 2020.
- Capital expenditures primarily for equipment for our rig fleet for the three and nine months ended September 30, 2021.
- Capital expenditures primarily for equipment for our rental business for the three and nine months ended September 30, 2021 and 2020.

Financing Activities

Net cash provided by financing activities was \$3.8 million for the nine months ended September 30, 2021, compared to \$7.4 million for the nine months ended September 30, 2020. Net cash provided by financing activities for the nine months ended September 30, 2021 was primarily attributable to net proceeds received from sale leaseback transactions of \$7.4 million, which was partially offset by net payments on long-term debt totaling \$1.9 million and principal payments on financing leases and equipment financing notes totaling \$1.7 million. Net cash provided by financing activities for nine months ended September 30, 2020 was primarily attributable to net borrowings under our revolving credit facility of \$9.8 million, which was partially offset by debt issuance costs of \$1.0 million.

Net cash provided by financing activities was \$15 million for the three months ended September 30, 2021, compared to a nominal amount for the three months ended September 30, 2020. Net cash provided by financing activities for the three months ended September 30, 2021 was primarily attributable to net borrowings of long-term debt totaling \$16.4 million, which was partially offset by payment on sale leaseback transactions of \$0.8 million and principal payments on financing leases and equipment financing notes totaling \$0.6 million. Net cash provided by financing activities for the three months ended September 30, 2020 was primarily attributable to net borrowings under our revolving credit facility of \$0.6 million.

Effect of Foreign Exchange Rate on Cash

The effect of foreign exchange rate on cash was \$0.01 million and (\$0.1) million, respectively, for the nine months ended September 30, 2021 and 2020. The change was driven primarily by a favorable (unfavorable) shift in the weakness (strength) of the Canadian dollar relative to the U.S. dollar for the cash held in Canadian accounts.

Working Capital

Our working capital totaled \$280 million and \$336 million, respectively, at September 30, 2021 and December 31, 2020. Our cash balances were \$8 million and \$15 million, respectively, at September 30, 2021 and December 31, 2020.

Our Revolving Credit Facility

On October 19, 2018, we and certain of our direct and indirect subsidiaries, as borrowers, entered into an amended and restated revolving credit facility, as subsequently amended, with the lenders party thereto and PNC Bank, National Association, as a lender and as administrative agent for the lenders. At September 30, 2021, we had outstanding borrowings under our revolving credit facility of \$77 million and \$43 million of available borrowing capacity under this facility, after giving effect to \$9 million of outstanding letters of credit. As a result of the lack of payment from PREPA, which owed Cobra approximately \$328.2 million, including interest, as of September 30, 2021, we projected that we would likely breach the leverage ratio covenant contained in our revolving credit facility for the fiscal quarter ended on September 30, 2021. On November 3, 2021, we entered into a third amendment to the revolving credit facility (the "Third Amendment") to, among other things, (i) suspend the leverage ratio and fixed charges coverage ratio covenants for the quarters ending September 30, 2021 and December 31, 2021, (ii) permanently reduce the maximum revolving advance amount from \$130 million to \$120 million, (iii) add a minimum adjusted EBITDA financial covenant of \$6.0 million for the quarter ending December 31, 2021, (iv) set the applicable margin on all loans at 3.50% during the limited covenant waiver period, (v) add a requirement to maintain revolver availability of not less than \$10.0 million at all times during the limited covenant waiver period, (vi) permanently reduce the maximum revolving advance amount in an amount equal to fifty percent (50%) of any mandatory prepayments made with non-recurring proceeds that are received during the limited covenant waiver period, and (vii) eliminate the declaration of unrestricted subsidiaries during the limited covenant waiver period. The limited covenant waiver period commenced on the effective date of the Third Amendment and ends on the earlier to occur of (i) May 15, 2022, (ii) our reporting compliance with both the leverage ratio and the fixed charge coverage ratio covenants for either its fiscal quarter ending September 30, 2021 or December 31, 2021, and (iii) the occurrence of any event of default after the effective date of the Third Amendment. Under the Third Amendment, we also agreed to engage an advisor during the limited covenant waiver period to advise us and our subsidiaries with regard to, among other things, efforts to achieve certain operational efficiencies, improvement in results of operations, and general business strategy, and provide assistance to us and our subsidiaries in the preparation of the supplemental reporting and information required by the Third Amendment.

As of November 3, 2021, our outstanding borrowings under our amended credit facility were \$76 million, leaving an aggregate of \$24 million of available borrowing capacity, after giving effect to \$9 million of outstanding letters of credit, the \$10 million reduction in the borrowing base and the requirement to maintain a \$10 million reserve out of the available borrowing capacity during the limited waiver period. If we fail to comply with the financial covenants following the expiration of the waiver period contemplated by the amended revolving credit facility and fail to cure such an event of default, it will have a material adverse effect on our business, financial condition, liquidity and results of operations. For additional information regarding our revolving credit facility, see Note 9. Debt to our unaudited condensed consolidated financial statements included elsewhere in this report.

Sale Leaseback Transactions

On December 30, 2020, we entered into an agreement with First National Capital, LLC, or FNC, whereby we agreed to sell certain assets from our infrastructure segment to FNC for aggregate proceeds of \$5.0 million. Concurrent with the sale of assets, we entered into a 36 month lease agreement whereby we lease back the assets at a monthly rental rate of \$0.1 million. On June 1, 2021, we entered into another agreement with FNC whereby we sold additional assets from our infrastructure segment to FNC for aggregate proceeds of \$9.5 million and entered into a 42 month lease agreement whereby we lease back the assets at a monthly rental rate of \$0.2 million. Under the agreements, we have the option to purchase the assets at the end of the lease term. We recorded a liability for the proceeds received and will continue to depreciate the assets. We imputed an interest rate so that the carrying amount of the financial liabilities will be the expected repurchase price at the end of the initial lease terms.

Aviation Note

On November 6, 2020, Leopard and Cobra Aviation entered into a 39 month promissory note agreement with Bank7, or the Aviation Note, in an aggregate principal amount of \$4.6 million and received net proceeds of \$4.5 million. The Aviation Note bears interest at a rate based on the Wall Street Journal Prime Rate plus a margin of 1%. Principal and interest payments of \$0.1 million are due monthly beginning on March 1, 2021, with a final payment of \$0.2 million due on February 1, 2024. The Aviation Note is collateralized by Leopard and Cobra Aviation's assets, including a \$1.8 million certificate of deposit. The Aviation Note contains various customary affirmative and restrictive covenants. As of September 30, 2021, we did not meet the minimum debt coverage ratio of 1.25 to 1.0 set forth in the Aviation Note. On November 3, 2021, Bank7 granted us a waiver of this event of default.

Capital Requirements and Sources of Liquidity

We believe that our cash on hand, operating cash flow and available borrowings under our credit facility will be sufficient to fund our operations, including our litigation settlement obligations, for at least the next twelve months. However, future cash flows are subject to a number of variables (including receipt of payments from our customers, including PREPA). As of September 30, 2021, PREPA owed Cobra approximately \$328.2 million for services performed, including \$101.2 million of interest charges. Throughout 2021, we have released significant data obtained through the Freedom of Information Act that affirms the work performed by Cobra in Puerto Rico. We believe these documents in conjunction with the current Administration's focus on the recovery of Puerto Rico and enhanced lobbying efforts will aid in collecting the outstanding amounts owed to us by PREPA. However, in the event PREPA (i) does not have or does not obtain the funds necessary to satisfy its obligations to Cobra under the contracts, (ii) obtains the necessary funds but refuses to pay the amounts owed to Cobra or (iii) otherwise does not pay amounts owed to Cobra for services performed, the receivable may not be collectible.

We now estimate that during 2021 our aggregate capital expenditures will be up to \$5.0 million depending upon industry conditions and our financial results. These capital expenditures include \$0.7 million in our infrastructure segment for assets for additional crews, \$3.5 million in our well completion segment for conversion of a portion of our fleet to include dynamic gas blending capabilities and maintenance to our existing pressure pumping fleet and \$0.8 million for our other divisions, primarily for additional equipment for our rental business and upgrades to our sand facilities. During the nine months ended September 30, 2021, our capital expenditures totaled \$4.5 million. Significant additional capital expenditures could be required to conduct our operations. Accordingly, there can be no assurance that operations and other capital resources, including potential sales of assets or businesses, will provide cash in sufficient amounts to meet our operating needs and/or maintain planned or future levels of capital expenditures.

In addition, while we regularly evaluate acquisition opportunities, we do not have a specific acquisition budget for 2021 since the timing and size of acquisitions cannot be accurately forecasted. We continue to evaluate acquisition opportunities, including those in the renewable energy sector as well as transactions involving entities controlled by Wexford. Our acquisitions may be undertaken with cash, our common stock or a combination of cash, common stock and/or other consideration. In the event we make one or more acquisitions and the amount of capital required is greater than the amount we have available for acquisitions at that time, we could be required to reduce the expected level of capital expenditures and/or seek additional capital. If we seek additional capital for that or other reasons, we may do so through borrowings under our revolving credit facility, joint venture partnerships, sale-leaseback transactions, asset sales, offerings of debt or equity securities or other means. We cannot assure you that this additional capital will be available on acceptable terms or at all. If we are unable to obtain funds we need, our ability to conduct operations, make capital expenditures and/or complete acquisitions that may be favorable to us will be impaired.

Off-Balance Sheet Arrangements

We have entered into agreements with suppliers that contain minimum purchase obligations and agreements to purchase capital equipment. Aggregate future minimum payments under these obligations in effect at September 30, 2021 were approximately \$1.5 million.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

The demand, pricing and terms for our products and services are largely dependent upon the level of activity for the U.S. oil and natural gas industry, energy infrastructure industry and natural sand proppant industry. Industry conditions are influenced by numerous factors over which we have no control, including, but not limited to: the supply of and demand for oil and natural gas services, energy infrastructure services and natural sand proppant; demand for repair and construction of transmission lines, substations and distribution networks in the energy infrastructure industry and the level of expenditures of utility companies; the level of prices of, and expectations about future prices for, oil and natural gas and natural sand proppant, as well as energy infrastructure services; the cost of exploring for, developing, producing and delivering oil and natural gas; the expected rates of declining current production; the discovery rates of new oil and natural gas reserves and frac sand reserves meeting industry specifications and consisting of the mesh size in demand; access to pipeline, transloading and other transportation facilities and their capacity; weather conditions; domestic and worldwide economic conditions; political instability in oil-producing countries; environmental regulations; technical advances affecting energy consumption; the price and availability of alternative fuels; the ability of oil and natural gas producers and other users of our services to raise equity capital and debt financing; and merger and divestiture activity in industries in which we operate.

In March and April 2020, concurrent with the COVID-19 pandemic and quarantine orders in the U.S. and worldwide, oil prices dropped sharply to below zero for the first time in history due to factors including significantly reduced demand and a shortage of storage facilities. In the third quarter of 2020, many U.S. producers resumed completion activities to stem production declines and stabilize their production base as demand for crude oil rebounded. Despite the recent improvement in the U.S. economic activity, easing of the COVID-19 pandemic and rising energy use and commodity prices, the near term energy outlook remains subject to heightened levels of uncertainty related to the ongoing economic recovery. As a result, we expect to see the challenging market for oilfield services continue for the foreseeable future, which has had, and is likely to continue to have, an adverse effect on both pricing and utilization for our oilfield services and our financial condition and results of operations.

The levels of activity in the U.S. oil and natural gas exploration and production, energy infrastructure and natural sand proppant industries have been and continue to be volatile. We are unable to predict the ultimate impact of the COVID-19 pandemic, the continued volatility in commodity markets, uncertainty in the demand for oil and oilfield services and current macroeconomic conditions on our business, financial condition, liquidity, results of operations, cash flows and stock price.

Interest Rate Risk

We had a cash and cash equivalents balance of \$8.0 million at September 30, 2021. We do not enter into investments for trading or speculative purposes. We do not believe that we have any material exposure to changes in the fair value of these investments as a result of changes in interest rates. Declines in interest rates, however, will reduce future income.

Interest under our credit facility is payable at a base rate plus an applicable margin. Additionally, at our request, outstanding balances are permitted to be converted to LIBOR rate plus applicable margin tranches. The applicable margin for either the base rate or the LIBOR rate option can vary from 2.0% to 3.5%, based upon a calculation of the excess availability of the line as a percentage of the maximum credit limit. At September 30, 2021, we had outstanding borrowings under our revolving credit facility of \$77.0 million with a weighted average interest rate of 3.32%. A 1% increase or decrease in the interest rate at that time would increase or decrease our interest expense by approximately \$0.8 million per year. We do not currently hedge our interest rate exposure.

Foreign Currency Risk

Our remote accommodation business, which is included in our other services division, generates revenue and incurs expenses that are denominated in the Canadian dollar. These transactions could be materially affected by currency fluctuations. Changes in currency exchange rates could adversely affect our consolidated results of operations or financial position. We also maintain cash balances denominated in the Canadian dollar. At September 30, 2021, we had \$1.5 million of cash, in Canadian dollars, in Canadian accounts. A 10% increase in the strength of the Canadian dollar versus the U.S. dollar would have resulted in an increase in pre-tax income of approximately \$0.08 million as of September 30, 2021. Conversely, a corresponding decrease in the strength of the Canadian dollar would have resulted in a comparable decrease in pre-tax income. We have not hedged our exposure to changes in foreign currency exchange rates and, as a result, could incur unanticipated translation gains and losses.

Customer Credit Risk

We are also subject to credit risk due to concentration of our receivables from several significant customers. We generally do not require our customers to post collateral. The inability, delay or failure of our customers to meet their obligations to us due to customer liquidity issues or their insolvency or liquidation may adversely affect our business, financial condition, results of operations and cash flows. This risk may be further enhanced by the impact of the COVID-19 pandemic, the volatility in commodity price environment, the uncertainty in the levels of demand for oil and oilfield services and adverse macroeconomic conditions. See Note 2. Basis of Presentation and Significant Accounting Policies—Accounts Receivable and —Concentrations of Credit Risk and Significant Customers and Note 18. Commitments and Contingencies—Litigation of our unaudited condensed consolidated financial statements.

Seasonality

We provide completion and production services as well as contract land and drilling services primarily in the Utica, Permian Basin, Eagle Ford, Marcellus, Granite Wash, Cana Woodford and Cleveland sand resource plays located in the continental U.S. We provide infrastructure services primarily in the northeastern, southwestern, midwestern and western portions of the United States. We provide remote accommodation services in the oil sands in Alberta, Canada. We serve these markets through our facilities and service centers that are strategically located to serve our customers in Ohio, Texas, Oklahoma, Wisconsin, Minnesota, Kentucky and Alberta, Canada. A portion of our revenues are generated in Ohio, Wisconsin, Minnesota, North Dakota, Pennsylvania, West Virginia and Canada where weather conditions may be severe. As a result, our operations may be limited or disrupted, particularly during winter and spring months, in these geographic regions, which would have a material adverse effect on our financial condition and results of operations. Our operations in Oklahoma and Texas are generally not affected by seasonal weather conditions.

Item 4. Controls and Procedures

Evaluation of Disclosure Control and Procedures

Under the direction of our Chief Executive Officer and Chief Financial Officer, we have established disclosure controls and procedures, as defined in Rule 13a-15(e) and d under the Exchange Act, that are designed to ensure that information required to be disclosed by us in the reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms. The disclosure controls and procedures are also intended to ensure that such information is accumulated and communicated to management, including our Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosures. In designing and evaluating the disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives. In addition, the design of disclosure controls and procedures must reflect the fact that there are resource constraints and that management is required to apply judgment in evaluating the benefits of possible controls and procedures relative to their costs.

As of September 30, 2021, an evaluation was performed under the supervision and with the participation of management, including our Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures pursuant to Rule 13a-15(b) under the Exchange Act. Based upon our evaluation, our Chief Executive Officer and Chief Financial Officer have concluded that as of September 30, 2021, our disclosure controls and procedures are effective.

Changes in Internal Control Over Financial Reporting

There was no change in our internal control over financial reporting (as defined in Rules 13a-15(d) and 15d-15(d) under the Exchange Act) that occurred during the quarter ended September 30, 2021 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1. Legal Proceedings

Due to the nature of our business, we are, from time to time, involved in litigation or subject to disputes or claims related to our business activities, including breaches of contractual obligations, workers' compensation claims and employment related disputes. In the opinion of our management, none of the pending litigation, disputes or claims against us is expected to have a material adverse effect on our financial condition, cash flows or results of operations, except as disclosed in Note 18 "Commitments and Contingencies," of the Notes to Unaudited Condensed Consolidated Financial Statements.

Item 1A. Risk Factors

As of the date of this filing, our Company and operations continue to be subject to the risk factors previously disclosed in Item 1A. Risk Factors in our Annual Report on Form 10-K filed with the SEC on March 1, 2021, except that the Company has identified additional risk factors set forth below. For a discussion of the recent trends and uncertainties impacting our business, see also "Management's Discussion and Analysis of Financial Condition and Results of Operations—Recent Developments—Impact of the COVID-19 Pandemic and Volatility in Commodity Prices" and "—Industry Overview."

The U.S. presidential executive order concerning mandatory COVID-19 vaccination for certain U.S. government contractors and the new OSHA vaccine mandate for employers with more than 100 employees could have a material adverse impact on our business and results of operations.

On September 9, 2021, President Biden issued an executive order requiring all employers with U.S. government contracts to ensure that their U.S.-based employees, contractors and subcontractors that work on or in support of U.S. government contracts are fully vaccinated by December 8, 2021, which deadline is expected to be extended to January 4, 2022. The executive order includes on-site and remote U.S.-based employees, contractors and subcontractors and it only permits limited exceptions for medical and religious reasons. In addition, on September 9, 2021, President Biden announced plans for the federal Occupational Safety and Health Administration (OSHA) to issue an "Emergency Temporary Standard" (ETS) mandating that all employers with more than 100 employees ensure their workers are either fully vaccinated against COVID-19 or produce, on a weekly basis, a negative COVID test (the "vaccine mandate"). OSHA issued the ETS on November 4, 2021, requiring covered employers to comply with the vaccine mandate beginning with January 4, 2022 or face substantial penalties for non-compliance. Additional, more protective vaccine mandates may be announced by the state or local jurisdictions in which our businesses operate. Although it is not possible to predict with certainty the impact of these measures on our business and workforce, these requirements may result in attrition, including attrition of critically skilled labor, and difficulty securing future labor needs, and may further disrupt the national supply chain, all of which could have a material adverse effect on our business, financial condition and results of operations.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

Not applicable.

Item 4. Mine Safety Disclosures

Our operations are subject to the Federal Mine Safety and Health Act of 1977, as amended by the Mine Improvement and New Emergency Response Act of 2006, which imposes stringent health and safety standards on numerous aspects of mineral extraction and processing operations, including the training of personnel, operating procedures, operating equipment and other matters. Our failure to comply with such standards, or changes in such standards or the interpretation or enforcement thereof, could have a material adverse effect on our business and financial condition or otherwise impose significant restrictions on our ability to conduct mineral extraction and processing operations. Following passage of The Mine Improvement and New Emergency Response Act of 2006, MSHA significantly increased the numbers of citations and orders charged against mining operations. The dollar penalties assessed for citations issued has also increased in recent years. Information concerning mine safety violations or other regulatory matters required by Section 1503(a) of the Dodd-Frank Wall Street Reform and Consumer Protection Act and Item 104 of Regulation S-K (17 CFR 229.104) is included in Exhibit 95.1 to this Report.

Item 5. Other Information

On November 3, 2021, we entered into the Third Amendment to Amended and Restated Credit Agreement, dated as of November 3, 2021, by and among us, certain of our subsidiaries, PNC Bank, National Association, as lender and administrative agent for the lenders, and other lenders party thereto. For a description of the Third Amendment, please see Note 9—Debt—Mammoth Credit Agreement.

Item 6. Exhibits

The following exhibits are filed as a part of this report:

Exhibit Number	Exhibit Description	Incorporated By Reference			Filed Herewith	Furnished Herewith
		Form	Commission File No.	Filing Date		
3.1	Amended and Restated Certificate of Incorporation of the Company.	8-K	001-37917	11/15/2016		
3.2	Amended and Restated Bylaws of the Company.	8-K	001-37917	11/15/2016		
3.3	First Amendment to Amended and Restated Bylaws of the Company.	8-K	001-37917	6/9/2020		
4.1	Specimen Certificate for shares of common stock, par value \$0.01 per share, of the Company.	S-1/A	333-213504	10/3/2016		
4.2	Registration Rights Agreement, dated October 12, 2016, by and between the Company and Mammoth Energy Holdings, LLC	8-K	001-37917	11/15/2016		
10.1	Third Amendment to Amended and Restated Credit Agreement, dated as of November 3, 2021, by and among the Company, certain of its subsidiaries, PNC Bank, National Association, as a lender and administrative agent for the lender, and other lenders party thereto					X
31.1	Certification of Chief Executive Officer pursuant to Rule 13(a)-14 and 15(d)-14 under the Securities Exchange Act of 1934.					X
31.2	Certification of Chief Financial Officer pursuant to Rule 13(a)-14 and 15(d)-14 under the Securities Exchange Act of 1934.					X
32.1	Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.					X
32.2	Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.					X
95.1	Mine Safety Disclosure Exhibit					X
101.INS	XBRL Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.					X
101.SCH	XBRL Taxonomy Extension Schema Document.					X
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document.					X
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document.					X
101.LAB	XBRL Taxonomy Extension Labels Linkbase Document.					X
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document.					X
104	Cover Page Interactive Data File - the cover page interactive data file does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.					X

Signatures

Pursuant to the requirements 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.

Date:	November 5, 2021	By:	MAMMOTH ENERGY SERVICES, INC. <u>/s/ Arty Straehla</u> Arty Straehla <i>Chief Executive Officer</i>
Date:	November 5, 2021	By:	<u>/s/ Mark Layton</u> Mark Layton <i>Chief Financial Officer</i>

November 3, 2021

PNC BANK, NATIONAL ASSOCIATION,
as Agent for and on behalf of the
Lenders as referred to below
2100 Ross Avenue, Suite 1850
Dallas, Texas 75201
Attention: Relationship Manager -Mammoth Energy

Re: Third Amendment to Amended and Restated Revolving Credit and Security Agreement

Ladies and Gentlemen:

PNC BANK, NATIONAL ASSOCIATION (“PNC”), as agent for the Lenders from time to time party to the Credit Agreement referred to below (PNC, in such capacity, together with its successors and assigns in such capacity, the “Agent”) for the Lenders from time to time party to the Credit Agreement referred to below, the Lenders party thereto, MAMMOTH ENERGY SERVICES, INC., a corporation organized under the laws of the State of Delaware (formerly Mammoth Energy Services Inc.) (“Mammoth”), as a Borrower, and together with the other Borrowers party to the Credit Agreement referred to below, have previously entered into financing arrangements pursuant to that certain Amended and Restated Revolving Credit and Security Agreement, dated as of October 19, 2018, by and among Borrowers, Agent, and Lenders (as previously amended by the First Amendment to Amended and Restated Revolving Credit and Security Agreement, dated November 5, 2019, the Second Amendment to Amended and Restated Revolving Credit and Security Agreement, dated as of February 26, 2020, as amended hereby and as the same may hereafter be further amended, modified, supplemented, extended, renewed, restated or replaced, the “Credit Agreement”), and the Other Documents referred to therein or at any time executed and/or delivered in connection therewith or related thereto. All capitalized terms used herein shall have the meaning assigned thereto in the Credit Agreement, unless otherwise defined herein.

Borrowers have requested that Agent and Lenders (a) amend certain financial covenants in the Credit Agreement, and (b) provide for certain other amendments to the Credit Agreement; and Agent and Lenders are willing to agree to the foregoing, on and subject to the terms and conditions set forth in this letter agreement Re: Third Amendment to Amended and Restated Revolving Credit and Security Agreement (this “Third Amendment”).

Borrowers have additionally advised Agent of their election, pursuant to Section 2.25 of the Credit Agreement, to permanently reduce the Maximum Revolving Advance Amount, as set forth in this Third Amendment.

In consideration of the foregoing, the mutual agreements and covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. Acknowledgment of Obligations, Security Interests and Financing Agreements.

(a) Acknowledgment of Obligations. Borrowers hereby acknowledge, confirm and agree that, as of the date hereof, Borrowers are unconditionally indebted to Agent and Lenders as of the close of business on November 2, 2021, in respect of the Advances in the aggregate principal amount of \$77,764,376.31 and outstanding Letters of Credit in the Undrawn Amount of \$9,038,184.50, together with interest accrued and accruing on the Advances, and all fees, costs, expenses and other sums and charges payable by Borrowers to Agent and Lenders pursuant to the Credit Agreement and the Other Documents, all of which are unconditionally owing by Borrowers to Agent and Lenders pursuant to the Credit Agreement and the Other Documents, in each case without offset, defense or counterclaim of any kind, nature or description whatsoever.

(b) Acknowledgment of Security Interests. Borrowers hereby acknowledge, confirm and agree that Agent and Lenders have, and shall continue to have, valid, enforceable and perfected security interests in and Liens upon the Collateral heretofore granted by Borrowers to Agent, for the benefit of Lenders and the other Secured Parties, pursuant to the Credit Agreement and the Other Documents or otherwise granted to or held by Agent.

(c) Binding Effect of Credit Agreement and Other Documents. Borrowers hereby acknowledge, confirm and agree that: (i) each of the Credit Agreement and the Other Documents to which Borrowers are a party has been duly executed and delivered to Agent and Lenders by Borrowers, and each is in full force and effect as of the date hereof, (ii) the agreements and obligations of Borrowers contained in the Credit Agreement and such Other Documents to which they are a party and in this Third Amendment constitute the legal, valid and binding Obligations of Borrowers, enforceable against them in accordance with their terms, except as enforcement may be limited by bankruptcy, insolvency, reorganization, moratorium or other similar laws relating to or limiting creditors' rights generally or by equitable principles relating to enforceability, and Borrowers have no valid defense to the enforcement of such Obligations, and (iii) Agent and Lenders are and shall be entitled to the rights, remedies and benefits provided for in the Credit Agreement and the Other Documents and pursuant to applicable law, but subject to the terms and conditions of this Third Amendment.

2. Amendments to Loan Agreement and Certain Additional Covenants.

(a) Additional Definitions. As used herein, the following terms shall have the meanings given to them below and the Credit Agreement and the Other Documents are hereby amended to include, in addition and not in limitation, the following definitions:

“Limited Covenant Waiver Period” shall mean the period commencing on the Third Amendment Effective Date and ending on the earlier of (a) May 15, 2022, (b) Agent's receipt of a Compliance Certificate pursuant to Section 9.8 of the Credit Agreement for the fiscal quarter ended September 30, 2021 or for the fiscal quarter ended December 31, 2021, which evidences that Credit Parties have complied with both the Leverage Ratio and the Fixed Charge Coverage Ratio for the four fiscal quarter period

ended on the last day of the applicable fiscal quarter, in accordance with Sections 6.5(b) and 6.5(d) hereof, respectively, as in effect prior to the Third Amendment Effective Date and as determined without regard to any of the provisions of the Third Amendment which waive compliance with such financial covenants during the Limited Covenant Waiver Period, and (c) the occurrence of any Event of Default following the Third Amendment Effective Date.

“Non-Recurring Proceeds” shall mean all cash proceeds at any time received by Credit Parties that arise from any transaction or event that is outside the ordinary course of Credit Parties’ business (including, without limitation, cash proceeds arising from settlement of any legal action, cash proceeds received in respect of any claim of Credit Parties asserted in any bankruptcy or insolvency proceeding of any Person (including, without limitation, the claims of Cobra Acquisitions LLC asserted in PREPA’s bankruptcy case), or receipt of any federal or state income tax refund), less the reasonable direct costs and expenses of the applicable Credit Parties incurred and paid in cash in connection with any such non-ordinary course transaction or event, including, without limitation, the reasonable fees and expenses of Credit Parties’ counsel incurred in connection with any such non-ordinary course transaction or event.

“Third Amendment” shall mean the letter agreement Re: Third Amendment to Amended and Restated Revolving Credit and Security Agreement, dated as of Third Amendment Effective Date, by and among Agent, Lenders, and Borrowers.

“Third Amendment Effective Date” shall mean the date of the Third Amendment, which shall be inserted therein by Agent upon satisfaction of all conditions to the effectiveness thereof set forth in Section 4 thereof, as reasonably determined by Agent.

“Third Amendment Fee Letter” shall mean the Fee Letter, dated as of November 3, 2021, executed among Borrowers, PNC Capital Markets LLC and PNC.

(b) Adjusted EBITDA. The definition of “Adjusted EBITDA” set forth in Section 1.2 of the Credit Agreement is hereby amended by amending and restating clause (ii)(B) thereof in its entirety as follows:

“(B) all amounts incurred and payable for all fees, commissions and charges under this Agreement and the Other Documents and with respect to any Advances, or other Indebtedness for borrowed money, including any amendment, modification, or supplement hereof or thereof, including, without limitation, fees and expenses

paid during such period which were incurred in connection with the Third Amendment;”

(c) Applicable Margin. The definition of “Applicable Margin” set forth in Section 1.2 of the Credit Agreement is hereby amended by (i) deleting each erroneous reference to “Excess Availability” currently contained in such definition and substituting “Usage Amount” for each such reference, and (ii) inserting the following sentence at the end of such definition:

“Notwithstanding the foregoing, at all times solely during the period from and after the Third Amendment Effective Date through and including the last day of the Limited Covenant Waiver Period, “Applicable Margin” shall mean an amount equal to three and one-half percent (3.50%) for (a) Revolving Advances consisting of Domestic Rate Loans and (b) Swing Loans.”

For clarity and convenience sake, after giving effect to the foregoing amendments, the definition of “Applicable Margin” is set forth in its entirety immediately below:

““Applicable Margin” shall mean as of the date on which the quarterly financial statements of Borrowers on a Consolidated Basis and related Compliance Certificate required under Section 9.8 for the most recently completed fiscal quarter are due to be delivered (each day on which such delivery is due, an “Adjustment Date”), the Applicable Margin for each type of Advance shall be adjusted, if necessary, to the applicable percent per annum set forth in the pricing table below corresponding to the Usage Amount as of the last day of the most recently completed fiscal quarter prior to the applicable Adjustment Date:

USAGE AMOUNT	APPLICABLE MARGINS FOR LIBOR RATE LOANS	APPLICABLE MARGINS FOR DOMESTIC RATE LOANS
If the Usage Amount is less than \$40,000,000	3.00%	2.00%
If the Usage Amount is equal to or greater than \$40,000,000 but equal to or less than \$75,000,000	3.25%	2.25%
If the Usage Amount is greater than \$75,000,000	3.50%	2.50%

If Borrowers shall fail to deliver the financial statements, certificates and/or other information required under Section 9.8 by

the dates required pursuant to such section, each Applicable Margin shall be conclusively presumed to equal the highest Applicable Margin specified in the pricing table set forth above until the date of delivery of such financial statements, certificates and/or other information, at which time the rate will be adjusted based upon the Usage Amount reflected in such statements. Any increase in interest rates payable by Borrowers under this Agreement and the Other Documents pursuant to the provisions of the foregoing sentence shall be in addition to and independent of any increase in such interest rates resulting from the occurrence of any Event of Default (including, if applicable, any Event of Default arising from a breach of Section 9.8 hereof) and/or the effectiveness of the Default Rate provisions of Section 3.1 hereof or the default fee rate provisions of Section 3.2 hereof.

If, as a result of any restatement of, or other adjustment to, the financial statements of Borrowers on a Consolidated Basis or for any other reason, Agent reasonably determines that (a) the Usage Amount as previously calculated as of any applicable date for any applicable period was inaccurate, and (b) a proper calculation of the Usage Amount for any such period would have resulted in different pricing for such period, then (i) if the proper calculation of the Usage Amount would have resulted in a higher interest rate for such period, automatically and immediately without the necessity of any demand or notice by Agent or any other affirmative act of any party, the interest accrued on the applicable outstanding Advances for such period under the provisions of this Agreement and the Other Documents shall be deemed to be retroactively increased by, and Borrowers shall be obligated to immediately pay to Agent for the ratable benefit of Lenders an amount equal to the excess of the amount of interest that should have been paid for such period over the amount of interest actually paid for such period; and (ii) if the proper calculation of the Usage Amount would have resulted in a lower interest rate for such period, then the interest accrued on the applicable outstanding Advances for such period under the provisions of this Agreement and the Other Documents shall be deemed to remain unchanged, and Agent and Lenders shall have no obligation to repay interest to the Borrowers; provided, that, if as a result of any restatement or other event or other determination by Agent a proper calculation of the Usage Amount would have resulted in a higher interest rate for one or more periods and a lower interest rate for one or more other periods (due to the shifting of income or expenses from one period to another period or any other reason), then the amount payable by Borrowers pursuant to clause (i) above shall be based upon the excess, if any, of the amount of interest that should have been paid for all

applicable periods over the amounts of interest actually paid for such periods.

Notwithstanding the foregoing, at all times solely during the period from and after the Third Amendment Effective Date through and including the last day of the Limited Covenant Waiver Period, “Applicable Margin” shall mean an amount equal to three and one-half percent (3.50%) for (a) Revolving Advances consisting of Domestic Rate Loans and (b) Swing Loans.”

(d) Unavailability of LIBOR Rate Loans During Limited Covenant Waiver Period. Notwithstanding anything to the contrary set forth in Section 2.2 of the Credit Agreement or in any other Section, definition or provision of the Credit Agreement or any Other Document, at all times during the period from and after the Third Amendment Effective Date through and including the last day of the Limited Covenant Waiver Period, (i) Borrowers shall have no right to request or receive LIBOR Rate Loans for any Advance or to convert any existing Domestic Rate Loans to LIBOR Rate Loans, (ii) Agent and Lenders shall have no obligation whatsoever to provide LIBOR Rate Loans for any Advance or to convert any existing Domestic Rate Loans to LIBOR Rate Loans, (iii) all LIBOR Rate Loans that are outstanding on the Third Amendment Effective Date shall automatically convert to and shall constitute Domestic Rate Loans as of the expiration of each currently existing Interest Period with respect to each of such outstanding LIBOR Rate Loans, and (iv) all Advances made (or deemed made) by Agent and Lenders to Borrowers at any time during the Limited Covenant Waiver Period shall be Domestic Rate Loans.

(e) Commitment Amount. The definition of “Commitment Amount” in Section 1.2 of the Credit Agreement is hereby amended by amending and restating clause (i) thereof in its entirety as follows:

““Commitment Amount” shall mean, (i) as to any Lender other than a New Lender, the Commitment Amount (if any) set forth below such Lender’s name on its signature page to the Third Amendment (or, in the case of any Lender that became party to this Agreement after the Third Amendment Effective Date pursuant to Section 16.3(c) or (d) hereof, the Commitment Amount (if any) of such Lender as set forth in the applicable Commitment Transfer Supplement),”

(f) Commitment Percentage. The definition of “Commitment Percentage” in Section 1.2 of the Credit Agreement is hereby amended and restated in its entirety to read as follows:

“Commitment Percentage” shall mean, (i) as to any Lender other than a New Lender, the Commitment Percentage (if any) set forth below such Lender’s name on its signature page to the Third Amendment (or, in the case of any Lender that became party to this Agreement after the Third Amendment Effective Date

pursuant to Section 16.3(c) or (d) hereof, the Commitment Percentage (if any) of such Lender as set forth in the applicable Commitment Transfer Supplement), and (ii) as to any Lender that is a New Lender, the Commitment Percentage provided for in the joinder signed by such New Lender under Section 2.24(a)(ix), in each case as the same may be adjusted upon any assignment by or to such Lender pursuant to Section 16.3(c) or (d) hereof.

(g) Increase in Facility Fee During Limited Waiver Period. Section 3.3 of the Credit Agreement is hereby amended by adding the following sentence as the final sentence of such Section 3.3:

“Notwithstanding the foregoing, at all times solely during the period from and after the Third Amendment Effective Date through and including the last day of the Limited Covenant Waiver Period, the Facility Fee shall be calculate at a rate equal to one-half of one percent (0.50%) per annum on the amount by which the Maximum Revolving Advance Amount on such day exceeds such Usage Amount.

(h) Reduction in Maximum Revolving Advance Amount. The definition of “Maximum Revolving Advance Amount” in Section 1.2 of the Credit Agreement is hereby amended and restated in its entirety to read as follows:

““Maximum Revolving Advance Amount” shall mean \$120,000,000 less any decreases in accordance with Section 2.25.”

(i) Mandatory Prepayment with Non-Recurring Proceeds. Section 2.20(b) of the Credit Agreement is hereby amended and restated in its entirety to read as follows:

“(b) Notwithstanding anything to the contrary set forth in Section 2.8 or Section 2.20(a) above, at all times solely during the period from and after the Third Amendment Effective Date through and including the last day of the Limited Covenant Waiver Period, Borrowers shall promptly (but in no event more than three (3) Business Days following receipt of any Non-Recurring Proceeds) remit to Agent (or cause to be remitted to Agent) all Non-Recurring Proceeds that are at any time received by Credit Parties and, until the date of delivery thereof to Agent, such Non-Recurring Proceeds shall be and shall be deemed to be held in trust exclusively for Agent. All such Non-Recurring Proceeds (including any Non-Recurring Proceeds received directly by Agent during a Trigger Period) shall be applied to the repayment of the then outstanding Advances (including, at Agent’s option, cash collateralization of all Obligations relating to any outstanding Letters of Credit in accordance with the provisions of Section 3.2(b); provided however that if no Default or Event of Default has

occurred and is continuing, such repayments shall be applied to cash collateralize any Obligations related to outstanding Letters of Credit last) in such order as Agent may determine, subject to Borrowers' ability to reborrow Revolving Advances in accordance with the terms hereof; and concurrently with the foregoing, (1) Agent shall establish a Reserve against the Formula Amount in an amount equal to fifty percent (50%) of such Non-Recurring Proceeds which have been applied to the Advances (such fifty percent (50%) share of such Non-Recurring Proceeds being referred to as the "50% Share of Non-Recurring Proceeds"), and (2) the Maximum Revolving Advance Amount shall be permanently reduced in an amount equal to such 50% Share of Non-Recurring Proceeds. Each such reduction of the Maximum Revolving Advance Amount shall be applied ratably among the Lenders according to their respective Commitment Amounts."

(j) Amendment of Eligible Equipment Sublimit. The definition of "Eligible Equipment Sublimit" is hereby amended by amending and restating in its entirety the proviso therein as follows:

"provided, however, (i) in the event that Borrower sells, transfers or otherwise disposes of any Eligible Equipment included in the calculation of clause (vi) of Section 2.1(a)(y) or any such Eligible Equipment is subject to a casualty event after the Second Amendment Effective Date (any such sale, transfer, disposition or casualty event being referred to as a "Disposition", and any Eligible Equipment that is the subject of a Disposition being referred to as "Disposed Equipment"), the Eligible Equipment Sublimit shall be thereupon further reduced by an amount equal to the Equipment Advance Rate times the net orderly liquidation value of such Disposed Equipment pursuant to the most recent NOLV Appraisal, (ii) in the event that Non-Recurring Proceeds are at any time remitted to Agent pursuant to Section 2.20(b), then the Eligible Equipment Sublimit shall be reduced by an amount equal to fifty percent (50%) of all Non-Recurring Proceeds that have been remitted to Agent (regardless of whether such Non-Recurring Proceeds are applied to repay Advances or are made available to Borrowing Agent in accordance with Section 2.20(b)), and (iii) a reduction in the Eligible Equipment Sublimit as a result of a Disposition in any calendar quarter pursuant to the immediately preceding clause (i) or clause (ii) shall in no event limit or affect the regularly scheduled Quarterly Reduction for any calendar quarter thereafter pursuant this clause (b).

(k) Financial Covenant Compliance Suspension During Limited Covenant Waiver Period. Notwithstanding anything to the contrary set forth in Sections 6.5(b) and 6.5(d) of the Credit Agreement (the "Applicable Covenant Sections"), Credit Parties shall have no

obligation to comply with the Applicable Covenant Sections for the fiscal quarters ending September 30, 2021 and December 31, 2021, respectively.

(l) Minimum Adjusted EBITDA Financial Covenant. Section 6.5(a) of the Credit Agreement is hereby amended and restated in its entirety to read as follows:

“(a) Minimum Adjusted EBITDA. Maintain Adjusted EBITDA for the fiscal quarter ending December 31, 2021 of not less than \$6,000,000.”

(m) Minimum Excess Availability. Section 6.5(c) of the Credit Agreement is hereby is hereby amended and restated in its entirety to read as follows:

“(c) Minimum Excess Availability. Maintain Excess Availability in an amount not less than \$10,000,000 at all times during the period from and after the Third Amendment Effective Date through and including the last day of the Limited Covenant Waiver Period; provided, however, that, (i) notwithstanding anything to the contrary contained in Section 10.5 of the Credit Agreement, if Borrowers fail to comply with this covenant on any day, an Event of Default shall not be deemed to have occurred as a result thereof unless Excess Availability remains below \$10,000,000 for a total of three (3) consecutive Business Days, inclusive of the first day on which such non-compliance occurred, and (ii) during such three (3) Business Day period, consistent with Section 8.2(b) hereof, no Advances shall be made and no Letters of Credit shall be issued to Borrowers, except that Agent, in its sole discretion, may continue to make Advances notwithstanding the existence of such Default or Event of Default arising from such non-compliance, and any Advances so made shall not be deemed a waiver of any such Default or Event of Default.”

(n) Acquisitions and Investments During Limited Covenant Waiver Period. Notwithstanding anything to the contrary set forth in Section 7.1(a), Section 7.4 of the Credit Agreement or any defined terms that are used in such Sections, during the Limited Covenant Waiver Period, no Credit Party shall (i) consummate any Permitted Acquisitions, (ii) enter into any Permitted Joint Venture Investments, or (iii) consummate any transaction that would otherwise constitute a Permitted Investment pursuant to clause (f) with respect to Unrestricted Subsidiaries or clause (i) thereof, except that, during the Limited Covenant Waiver Period, Credit Parties shall be permitted to consummate any transaction that would constitute a Permitted Investment pursuant to clause (f) of the definition of Permitted Investment so long as (A) no Default or Event of Default then exists or will result therefrom and (B) after giving effect to such Permitted Investment in an Unrestricted Subsidiary, pro forma Excess Availability will be no less than 22.5% of the Maximum Available Credit.

(o) Dividends and Distributions During Limited Covenant Waiver Period. Notwithstanding anything to the contrary set forth in Section 7.7 of the Credit Agreement, during

the Limited Covenant Waiver Period, no Credit Party shall make, pay, or distribute any Permitted Dividends.

(p) Unrestricted Subsidiaries. At all times during the period from and after the Third Amendment Effective Date through and including the last day of the Limited Covenant Waiver Period, (i) notwithstanding anything to the contrary contained in the definition of “Unrestricted Subsidiaries” set forth in Section 1.2 of the Credit Agreement or any other provision of the Credit Agreement related to the designation of any Subsidiary of any Credit Party as an Unrestricted Subsidiary, no Credit Party shall have any rights to designate any Subsidiary of such Credit Party as an Unrestricted Subsidiary, and (ii) notwithstanding anything to the contrary contained in the definition of “Permitted Investments” set forth in Section 1.2 of the Credit Agreement or in the definition of “Permitted Loans” set forth in Section 1.2 of the Credit Agreement, no Credit Party shall make any investments of any kind or nature in, or make any loans or advances to, any Unrestricted Subsidiary that exists as of the Third Amendment Effective Date in an aggregate amount in excess of \$1,500,000 for all such investments in and loans to each such existing Unrestricted Subsidiary; except, in the case of any action, transaction or event described in either of the foregoing clauses (i) and (ii), upon receipt of the prior written approval of Agent with respect thereto in its sole and absolute discretion. Credit Parties and Agent acknowledge and agree that Schedule I appended to this Amendment contains a list of all Unrestricted Subsidiaries that exist as of the Third Amendment Effective Date.

(q) Advisor. Credit Parties have advised Agent that Credit Parties have prior to the date hereof engaged an advisor to (a) advise Credit Parties with regard to (among other things) efforts to achieve certain operational efficiencies, improvement in results of operations, and general business strategy, and (b) provide assistance to Credit Parties in the preparation of the Supplemental Reporting and information as to Credit Parties required by (and as such term is defined in) Section 2© of this Amendment. Credit Parties hereby acknowledge and confirm that such advisor (herein referred to as the “Advisor”) was selected by and has been retained by Credit Parties and was neither selected by nor retained by Agent and Lenders. Agent acknowledges that the Advisor is acceptable to Agent. Credit Parties covenant and agree that (i) Credit Parties shall continue to engage the Advisor for the foregoing purposes at all times during the Limited Covenant Waiver Period, (ii) the Advisor is irrevocably authorized and directed to (A) communicate and cooperate with Agent and to communicate directly with Agent with respect to the Supplemental Reporting, including (without limitation) for the purpose of responding to any reasonable inquiries Agent may have with respect to the Supplemental Reporting and providing such additional information with respect to the Supplemental Reporting and other information reasonably requested by Agent relating to the Collateral or the financial condition or operations of the businesses of Borrowers as Agent may at any time reasonably request, and (B) keep Agent informed of the progress of the business and operations of Borrowers and respond to any inquiries of Agent and Lenders regarding the business and operations of Borrowers, and (iii) the Advisor shall have reasonable access to all of the books and records of Credit Parties and reasonable access to all of the premises of Credit Parties and to the management of Credit Parties as and when reasonably deemed necessary by the Advisor.

(r) Supplemental Reporting During Limited Covenant Waiver Period. In addition to (and not in limitation of) the information and reporting as to Credit Parties required by Article IX of the Credit Agreement, Credit Parties shall, or shall cause Borrowing Agent on

their behalf to provide to Agent, the following information and reports, all of which shall be in form and substance (including, without limitation, in scope and level of detail) acceptable to Agent (the “Supplemental Reporting”):

(i) On or before November 15, 2021, the following information prepared on a 13-week basis for each week, commencing with the week ending November 19, 2021 (the “13-Week Cash Flow”): (A) projected weekly operating cash receipts for each week set forth in the 13-Week Cash Flow, and (B) projected weekly disbursements for each week set forth in the 13-Week Cash Flow. The 13-Week Cash Flow shall be accompanied by a certificate signed by the President or Chief Financial Officer of Borrowing Agent to the effect that such 13-Week Cash Flow has been prepared by or under the supervision of the Chief Financial Officer of Borrowing Agent, based upon good faith estimates and stated assumptions believed to be reasonable and fair as of the date made in light of conditions and facts then known and, as of such date, reflect good faith, reasonable and fair estimates of the information projected for the periods set forth therein (it being understood that (i) actual results may vary from such projections and that such variances may be material and (ii) no representation is made with respect to information of an industry specific or general economic nature), and that such officer has no reason to question the reasonableness of any material assumptions on which such 13-Week Cash Flow was prepared that could reasonably be expected to result in a Material Adverse Effect. In addition, beginning on November 26, 2021 and continuing each Friday thereafter, the Borrowing Agent shall deliver to Agent by no later than 5:00 p.m. (Central time) on each such Friday a report that sets forth for the immediately preceding week a comparison of the actual cash receipts and cash disbursements to the projected information for such weekly periods set forth in the existing 13-Week Cash Flow most recently delivered to Agent, together with a certification from Borrowing Agent’s President or Chief Financial Officer that no material deviation from the projections contained in such existing 13-Week Cash Flow has occurred or, if a material deviation has occurred, a detailed explanation of such occurrence. Credit Parties shall deliver to Agent an updated 13-Week Cash Flow on Friday, December 10, 2021 with respect to the initial 13-Week Cash Flow covering the week ending November 19, 2021, and updated on the Friday of the fourth week of each 13-Week Cash Flow thereafter delivered to Agent and in each case prepared on a cumulative, weekly roll forward basis for the following 13 weeks, in form and substance reasonably satisfactory to Agent.

(ii) On or before November 30, 2021, Credit Parties shall deliver to Agent (A) a written report summarizing the results of their operations to date for their current fiscal year, including all material variances from budgets previously submitted by Borrowers to Agent pursuant to Section 9.12 for such fiscal year, and a discussion and analysis by management with respect to such variances, and (B) management’s projected results of operations for Credit Parties’ fiscal quarter ending December 31, 2021, each in form and substance reasonably satisfactory to Agent.

(iii) Notwithstanding anything to the contrary set forth in Section 9.12(a) of the Credit Agreement, on or before December 15, 2021, Credit Parties shall deliver to Agent a month by month projected operating budget and cash flow of Borrowers on a consolidated and consolidating basis for their 2022 fiscal year, together with all such related information as is required by such Section 9.12(a).

(s) Notice to Agent or PNC. Section 16.6 of the Credit Agreement is hereby amended by deleting the notice information for the additional copy of any Notice to be delivered to counsel to Agent and PNC set forth in clause (A) of such Section, immediately below Section 16.6(g), and substituting the following notice information for successor counsel to Agent and PNC:

“with an additional copy to:

Blank Rome LLP
1271 Avenue of the Americas
New York, NY 10020
Attention: Lawrence F. Flick II
Facsimile: (917) 332-3787”

3. Representations, Warranties and Covenants. Credit Parties hereby represent, warrant and covenant to Agent and Lenders the following (which shall survive the execution and delivery of this Third Amendment), the truth and accuracy of which are a continuing condition of the making of Advances to Borrowers:

(a) This Third Amendment and each other agreement or instrument to be executed and delivered by Credit Parties in connection herewith (collectively, together with this Third Amendment, the “Amendment Documents”) have been duly authorized, executed and delivered by all necessary action on the part of Credit Parties, and the agreements and obligations of Credit Parties contained herein and therein constitute the legal, valid and binding obligations of Credit Parties, enforceable against them in accordance with their terms, except as enforceability is limited by bankruptcy, insolvency, reorganization, receivership, moratorium or other laws affecting creditor’s rights generally and by general principles of equity;

(b) The execution, delivery and performance of this Third Amendment (i) are all within Credit Parties’ corporate or limited liability company powers, as applicable, (ii) are not in contravention of law or the terms of Credit Parties’ certificate or articles of organization or formation, operating agreement or other organizational documentation, or any indenture, agreement or undertaking to which Credit Parties are a party or by which Credit Parties or their property are bound and (iii) shall not result in the creation or imposition of any Lien, claim, charge or encumbrance upon any of the Collateral, other than Permitted Encumbrances;

(c) All of the representations and warranties set forth in the Credit Agreement and the Other Documents, each as amended hereby, are true and correct in all material respects on and as of the date hereof, as if made on the date hereof, except to the extent any such representation or warranty is made as of a specified date, in which case such representation or warranty shall have been true and correct in all material respects as of such date; and

(d) After giving effect to this Third Amendment, no Default or Event of Default exists as of the date of this Third Amendment.

4. Conditions Precedent. The amendments set forth in Section 2 of this Third Amendment and the other agreements set forth in this Third Amendment shall not be effective until each of the following conditions precedent are satisfied in a manner satisfactory to Agent:

(a) the receipt by Agent of this Third Amendment, duly authorized and executed by Credit Parties, Lenders and Agent, duly authorized and executed by Credit Parties and Agent;

(b) payment by Borrowers to Agent (for the benefit of Agent and Lenders in accordance with separate agreements between Agent and each Lender), of the fees set forth in Third Amendment Fee Letter;

(c) the receipt by Agent of (i) a Joinder Agreement, in form and substance reasonably satisfactory to Agent, pursuant to which Predator Aviation LLC and Falcon Fiber Solutions LLC, each a Delaware limited liability company, shall have joined the Credit Agreement as a Borrower in accordance with Section 7.12(a) of the Credit Agreement, effective immediately prior to the effectiveness of this Amendment, and (ii) a Pledge Agreement (or Pledge Amendment with respect to an existing Pledge Agreement), pursuant to which the Loan Party which owns the Equity Interests of each such new Borrower shall pledge such Equity Interests to Agent as additional Collateral; and

(d) immediately after giving effect to the amendments and agreements set forth herein, there shall exist no Default and no Event of Default.

5. Effect of this Amendment. This Third Amendment constitutes the entire agreement of the parties with respect to the subject matter hereof and thereof, and supersedes all prior oral or written communications, memoranda, proposals, negotiations, discussions, term sheets and commitments with respect to the subject matter hereof and thereof. This Third Amendment constitutes an Other Document. Except as expressly amended and waived pursuant hereto, no other changes or modifications or waivers to Credit Agreement and the Other Documents are intended or implied, and in all other respects the Credit Agreement and Other Documents are hereby specifically ratified, restated and confirmed by all parties hereto as of the effective date hereof. To the extent that any provision of the Credit Agreement or any of the Other Documents are inconsistent with the provisions of this Amendment, the provisions of this Amendment shall control.

6. Release of Agent and Lenders; Covenant Not to Sue.

(a) In consideration of the agreements of Agent and Lenders contained herein and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Credit Parties, on behalf of themselves and their agents, representatives, officers, directors, advisors, employees, subsidiaries, affiliates, successors and assigns (collectively, "Releasor"), hereby absolutely, unconditionally and irrevocably release and forever discharge Agent or any or all of the Lenders in any capacity and their respective affiliates, subsidiaries, shareholders and "controlling persons" (within the meaning of the federal securities laws), and their respective successors and assigns and each and all of the officers, directors, employees, agents, attorneys and other representatives of each of the foregoing (Agent and Lenders and all such other parties being hereinafter referred to collectively as the "Lender Releasees" and individually as a "Lender Releasee"), of and from all demands, actions, causes of action, suits, covenants, contracts, controversies, agreements, promises, sums of money, accounts, bills, reckonings, damages and any and all other claims, counterclaims, defenses, rights of set-off,

demands and liabilities whatsoever (individually, a “Claim” and collectively, “Claims”) of every kind and nature, known or unknown, suspected or unsuspected, both at law and in equity, which such Releasor may now or hereafter own, hold, have or claim to have against the Lender Releasees or any of them for, upon, or by reason of any nature, cause or thing whatsoever which arises from the beginning of the world to the day of execution of this Third Amendment, in each case solely for or on account of, or in relation to, or in any way in connection with the Credit Agreement or any of the Other Documents, as amended and supplemented through the date hereof.

(b) Credit Parties understand, acknowledge and agree that the release set forth above may be pleaded as a full and complete defense and may be used as a basis for an injunction against any action, suit or other proceeding which may be instituted, prosecuted or attempted in breach of the provision of such release.

(c) Credit Parties agree that no fact, event, circumstance, evidence or transaction which could now be asserted or which may hereafter be discovered shall affect in any manner the final and unconditional nature of the release set forth above.

(d) Credit Parties, on behalf of themselves and their successors, assigns, and other legal representatives, hereby absolutely, unconditionally and irrevocably covenant and agree with each Releasee that they will not sue (at law, in equity, in any regulatory proceeding or otherwise) any Releasee on the basis of any Claim released, remised and discharged by Releasors pursuant to Section 6(a) above. If any Releasor violates the foregoing covenant, such Releasor agrees to pay, in addition to such other damages as any Releasee may sustain as a result of such violation, all reasonable and documented attorneys’ fees and costs incurred by any Releasee as a result of such violation.

7. Reviewed by Attorneys. Credit Parties represent and warrant that they: (a) understand fully the terms of this Third Amendment and the consequences of the execution and delivery hereof, (b) have been afforded an opportunity to have this Third Amendment reviewed by, and to discuss the same with, such attorneys and other persons as Credit Parties may wish, and (c) have each entered into this Third Amendment of its own free will and accord and without threat, duress or other coercion of any kind by any person. Credit Parties acknowledge and agree that this Third Amendment shall not be construed more favorably in favor of Borrowers, on the one hand, or Agent and Secured Parties, on the other hand, based upon which party drafted the same, it being acknowledged that Agent and Secured Parties and Credit Parties contributed substantially to the negotiation and preparation of this Third Amendment.

8. Further Assurances. Credit Parties shall execute and deliver such additional documents and take such additional action as may be reasonably requested by Agent to effectuate the provisions and purposes of this Third Amendment.

9. Governing Law. The rights and obligations hereunder of each of the parties hereto shall, in accordance with Section 5-1401 of the General Obligations Law of the State of New York, be governed by and construed in accordance with the laws of the State of New York applied to contracts to be performed wholly within the State of New York.

10. Binding Effect. This Third Amendment shall be binding upon and inure to the benefit of each of the parties hereto and their respective successors and assigns.

11. Counterparts. This Third Amendment may be executed in any number of counterparts, but all of such counterparts shall together constitute but one and the same agreement. In making proof of this Third Amendment, it shall not be necessary to produce or account for more than one counterpart thereof signed by each of the parties hereto. Delivery of an executed counterpart of this Third Amendment by telecopier shall have the same force and effect as delivery of an original executed counterpart of this Third Amendment. Any party delivering an executed counterpart of this Third Amendment by telecopier also shall deliver an original executed counterpart of this Third Amendment, but the failure to deliver an original executed counterpart shall not affect the validity, enforceability, and binding effect of this Third Amendment as to such party or any other party.

[SIGNATURE PAGES FOLLOW]

MAMMOTH ENERGY SERVICES, INC.
MAMMOTH ENERGY PARTNERS LLC
REDBACK ENERGY SERVICES LLC
REDBACK COIL TUBING LLC
REDBACK PUMPDOWN SERVICES LLC
MUSKIE PROPPANT LLC
PANTHER DRILLING SYSTEMS LLC
BISON DRILLING AND FIELD SERVICES LLC
BISON TRUCKING LLC
ANACONDA RENTALS LLC
GREAT WHITE SAND TIGER LODGING LTD.
STINGRAY PRESSURE PUMPING LLC
SILVERBACK ENERGY LLC
MAMMOTH ENERGY INC.
BARRACUDA LOGISTICS LLC
WTL OIL, LLC
MR. INSPECTIONS LLC
SAND TIGER HOLDINGS INC.
MAMMOTH EQUIPMENT LEASING LLC
COBRA ACQUISITIONS LLC
LION POWER SERVICES LLC

By: /s/ Mark Layton

Name: Mark Layton

Title: Chief Financial Officer

[Signatures Continued on Next Page]

[Signatures Continued from Previous Page]

PIRANHA PROPPANT LLC
MAKO ACQUISITIONS LLC
HIGHER POWER ELECTRICAL, LLC
STURGEON ACQUISITIONS LLC
TAYLOR FRAC, LLC
TAYLOR REAL ESTATE INVESTMENTS, LLC
SOUTH RIVER ROAD, LLC
STINGRAY ENERGY SERVICES LLC
STINGRAY CEMENTING LLC
5 STAR ELECTRIC, LLC
DIRE WOLF ENERGY SERVICES LLC
MAMMOTH EQUIPMENT LEASING II LLC
BISON SAND LOGISTICS LLC
TIGER SHARK LOGISTICS LLC
WOLVERINE SAND LLC
ANACONDA MANUFACTURING LLC
BLACK MAMBA ENERGY LLC
STINGRAY CEMENTING AND ACIDIZING LLC
AQUAHAWK ENERGY LLC
AQUAWOLF LLC
IVORY FREIGHT SOLUTIONS LLC
ORCA ENERGY SERVICES LLC
SEAWOLF ENERGY SERVICES LLC
SILVERBACK LOGISTICS LLC
IFX TRANSPORT LLC
PYTHON EQUIPMENT LLC
FALCON FIBER SOLUTIONS LLC
PREDATOR AVIATION LLC

By: /s/ Mark Layton

Name: Mark Layton

Title: Chief Financial Officer

[Signatures Continued on Next Page]

[Signatures Continued from Previous Page]

Acknowledged and Agreed:

PNC BANK, NATIONAL ASSOCIATION,
as Lender and as Agent

By: /s/ Ron Zeiber
Name: Ron Zieber
Title: Senior Vice President

Commitment Percentage: 54.054054%
Commitment Amount: \$64,864,864.86

BARCLAYS BANK PLC,
as a Lender

By: /s/ Sydney G. Dennis
Name: Sydney G. Dennis
Title: Director

Commitment Percentage: 18.918919%
Commitment Amount: \$22,702,702.70

CREDIT SUISSE AG, Cayman Islands Branch,
as a Lender

By: /s/ Lawrence Park
Name: Lawrence Park
Title: Authorized Signatory

By: /s/ Ranjit Lakhapal
Name: Ranjit Lakhapal
Title: Authorized Signatory

Commitment Percentage: 13.513514%
Commitment Amount: \$16,216,216.22

[Signatures Continued on Next Page]

[Signatures Continued from Previous Page]

UMB BANK, N.A.,
as a Lender

By: /s/ Thomas J. Zeigler
Name: Thomas J. Zeigler
Title: Senior Vice President

Commitment Percentage: 13.513514%
Commitment Amount: \$16,216,216.22

Schedule I
To
Third Amendment

Unrestricted Subsidiaries as of the Third Amendment Effective Date

1. Cobra Aviation Services LLC, a Delaware limited liability company
2. Air Rescue Systems Corporation, an Oregon corporation
3. Burl & Bob Aircraft Leasing LLC, an Oregon limited liability company
4. Leopard Aviation LLC, a Delaware limited liability company

CERTIFICATIONS

I, Arty Straehla, Chief Executive Officer, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Mammoth Energy Services, Inc. (the "registrant");
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 officer(s) 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 Rule 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(s) 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 the 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.

MAMMOTH ENERGY SERVICES, INC.

By:

/s/ Arty Straehla

Arty Straehla

Chief Executive Officer

November 5, 2021

CERTIFICATIONS

I, Mark Layton, Chief Financial Officer, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Mammoth Energy Services, Inc. (the "registrant");
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 officer(s) 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 Rule 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(s) 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 the 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.

MAMMOTH ENERGY SERVICES, INC.

By:

/s/ Mark Layton

Mark Layton

Chief Financial Officer

November 5, 2021

**CERTIFICATION OF THE CHIEF EXECUTIVE OFFICER PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report on Form 10-Q of Mammoth Energy Services, Inc. (the "Company") for the quarterly period ended September 30, 2021 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Arty Straehla, as Chief Executive Officer of the Company, hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to the best of my knowledge:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"); and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

MAMMOTH ENERGY SERVICES, INC.

By:

/s/ Arty Straehla

Arty Straehla

Chief Executive Officer

November 5, 2021

This certification accompanies the Report pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 and shall not be deemed filed by the Company for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to liability under that section. This certification shall not be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended or the Exchange Act, except to the extent that the Company specifically incorporates it by reference.

**CERTIFICATION OF THE CHIEF FINANCIAL OFFICER PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report on Form 10-Q of Mammoth Energy Services, Inc. (the "Company") for the quarterly period ended September 30, 2021 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Mark Layton, as Chief Financial Officer of the Company, hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to the best of my knowledge:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"); and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

MAMMOTH ENERGY SERVICES, INC.

By:

/s/ Mark Layton

Mark Layton

Chief Financial Officer

November 5, 2021

This certification accompanies the Report pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 and shall not be deemed filed by the Company for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to liability under that section. This certification shall not be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended or the Exchange Act, except to the extent that the Company specifically incorporates it by reference.

Mine Safety Disclosure

The following disclosures are provided pursuant to the Dodd-Frank Wall Street Reform and Consumer Protection Act (the “Act”) and Item 104 of Regulation S-K, which requires certain disclosures by companies required to file periodic reports under the Securities Exchange Act of 1934, as amended, that operate mines regulated under the Federal Mine Safety and Health Act of 1977 (the “Mine Act”).

Mine Safety Information. Whenever the Federal Mine Safety and Health Administration (“MSHA”) believes a violation of the Mine Act, any health or safety standard or any regulation has occurred, it may issue a citation which describes the alleged violation and fixes a time within which the U.S. mining operator must abate the alleged violation. In some situations, such as when MSHA believes that conditions pose a hazard to miners, MSHA may issue an order removing miners from the area of the mine affected by the condition until the alleged hazards are corrected. When MSHA issues a citation or order, it generally proposes a civil penalty, or fine, as a result of the alleged violation, that the operator is ordered to pay. Citations and orders can be contested and appealed, and as part of that process, are often reduced in severity and amount, and are sometimes dismissed. The number of citations, orders and proposed assessments vary depending on the size and type (underground or surface) of the mine as well as by the MSHA inspector(s) assigned.

Mine Safety Data. The following provides additional information about references used in the table below to describe the categories of violations, orders or citations issued by MSHA under the Mine Act:

- Section 104 S&S Citations: Citations received from MSHA under section 104 of the Mine Act for violations of mandatory health or safety standards that could significantly and substantially contribute to the cause and effect of a mine safety or health hazard.
- Section 104(b) Orders: Orders issued by MSHA under section 104(b) of the Mine Act, which represents a failure to abate a citation under section 104(a) within the period of time prescribed by MSHA. This results in an order of immediate withdrawal from the area of the mine affected by the condition until MSHA determines that the violation has been abated.
- Section 104(d) Citations and Orders: Citations and orders issued by MSHA under section 104(d) of the Mine Act for unwarrantable failure to comply with mandatory health or safety standards.
- Section 110(b)(2) Violations: Flagrant violations issued by MSHA under section 110(b)(2) of the Mine Act.
- Section 107(a) Orders: Orders issued by MSHA under section 107(a) of the Mine Act for situations in which MSHA determined an “imminent danger” (as defined by MSHA) existed.

The following table details the violations, citations and orders issued to us by MSHA during the quarter ended September 30, 2021:

Mine ^(a)	Section 104 S&S Citations(#)	Section 104(b) Orders (#)	Section 104(d) Citations and Orders(#)	Section 110(b)(2) Violations(#)	Section 107(a) Orders (#)	Proposed Assessments ^(b) (\$, amounts in dollars)	Min Related Fatalities
Taylor, WI	—	—	—	—	—	\$	—
Menomonie, WI	—	—	—	—	—	\$	—
New Auburn, WI	—	—	—	—	—	\$	—

- The definition of mine under section 3 of the Mine Act includes the mine, as well as other items used in, or to be used in, or resulting from, the work of extracting minerals, such as land, structures, facilities, equipment, machines, tools and minerals preparation facilities. Unless otherwise indicated, any of these other items associated with a single mine have been aggregated in the totals for that mine. MSHA assigns an identification number to each mine and may or may not assign separate identification numbers to related facilities such as preparation facilities. We are providing the information in the table by mine rather than MSHA identification number because that is how we manage and operate our mining business and we believe this presentation will be more useful to investors than providing information based on MSHA identification numbers.
- Represents the total dollar value of proposed assessments from MSHA under the Mine Act relating to any type of citation or order issued during the quarter ended September 30, 2021.

Pattern or Potential Pattern of Violations. During the quarter ended September 30, 2021, none of the mines operated by us received written notice from MSHA of (a) a pattern of violations of mandatory health or safety standards that are of such nature as could have significantly and substantially contributed to the cause and effect of mine health or safety hazards under section

104(e) of the Mine Act or (b) the potential to have such a pattern.

Pending Legal Actions. There were no legal actions pending before the Federal Mine Safety and Health Review Commission (the Commission) as of September 30, 2021. The Commission is an independent adjudicative agency established by the Mine Act that provides administrative trial and appellate review of legal disputes arising under the Mine Act.