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

**FORM S-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933**

Mammoth Energy Services, Inc.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

1389
(Primary Standard Industrial
Classification Code Number)

32-0498321
(I.R.S. Employer
Identification Number)

**14201 Caliber Drive, Suite 300
Oklahoma City, OK 73134
(405) 608-6007**
(Address, including zip code and telephone number, including area code, of registrant's principal executive offices)

**Mark Layton
Chief Financial Officer
Mammoth Energy Services, Inc.
14201 Caliber Drive, Suite 300
Oklahoma City, OK 73134
(405) 608-6007**
(Name, address, including zip code and telephone number, including area code, of agent for service)

Copies to:

**Scott Barnard
Irina Maistrenko
Akin Gump Strauss Hauer & Feld LLP
2300 N. Field St., Suite 1800
Dallas, TX 75201
(214) 969-4299**

Approximate date of commencement of proposed sale to the public: From time to time after this Registration Statement becomes effective.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended (the "Securities Act"), other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Securities and Exchange Commission (the "Commission") pursuant to Rule 462(e) under the Securities Act, check the following box.

If this form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

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. (Check one):

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

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

The information in this prospectus is not complete and may be changed. We and the selling stockholders may not sell the securities described herein until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell such securities and it is not soliciting an offer to buy such securities in any state where such offer or sale is not permitted.

Subject to Completion, Dated June 13, 2024

Prospectus

Mammoth Energy Services, Inc.



Common Stock

This prospectus relates to:

- up to \$500,000,000 maximum offering price of shares of common stock to be offered by us from time to time in a primary offering; and
- up to 23,527,161 currently issued and outstanding shares of common stock (or shares of common stock underlying the outstanding equity awards) to be offered from time to time by the selling stockholders identified in this prospectus under "Selling Stockholders."

We or the selling stockholders may from time to time, in one or more offerings, offer and sell these shares of common stock through ordinary brokerage transactions, directly to market makers or through any other means described in the section of this prospectus entitled "Plan of Distribution," including through sales to underwriters or dealers (in which case this prospectus will be accompanied by a prospectus supplement listing any underwriters, the compensation to be received by the underwriters, and the total amount of money that we or the selling stockholders will receive in such sale after expenses of the offering are paid).

We or the selling stockholders may elect to sell all, a portion or none of the shares of common stock offered hereby. We or the selling stockholders will determine the prices and terms of the sales at the time of each offering made by us or them. Unless the applicable prospectus supplement indicates otherwise, we will not receive any proceeds from the sale of common stock by the selling stockholders.

This prospectus provides you with a general description of the common stock and the general manner in which we or the selling stockholders will offer the common stock. Each time we or the selling stockholders sell our common stock, to the extent required, we will provide a supplement to this prospectus that contains specific information about the offering. The supplement may also add, update or change information contained in this prospectus. In making offers and sales pursuant to this prospectus, the selling stockholders may be deemed to be acting as underwriters, and their offers and sales may be deemed to be made indirectly on our behalf. For a more detailed discussion regarding the selling stockholders, please read "Selling Stockholders."

Our common stock is listed on the on The Nasdaq Global Select Market under the symbol "TUSK." The last reported sales price of our common stock on the Nasdaq Global Select Market on June 12, 2024 was \$3.59 per share.

Investing in our common stock involves risks. See "Risk Factors" beginning on page 3.

You should carefully read this prospectus, any applicable prospectus supplement and all other documents incorporated by reference in this prospectus or any applicable prospectus supplement before you invest in our common stock. See "Where You Can Find More Information" and "Information Incorporated by Reference" sections of this prospectus or any applicable prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved the securities described herein or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2024.

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ABOUT THIS PROSPECTUS

This prospectus is part of a “shelf” registration statement that we filed with the Securities and Exchange Commission, or the SEC, using a “shelf” registration process. Under this shelf registration process, we may, from time to time, offer and/or sell the common stock described in this prospectus, and the selling stockholders identified in this prospectus or the selling stockholders that may be identified in an applicable prospectus supplement may, from time to time, resell up to 23,527,161 shares of our common stock, in each case, in one or more offerings. This prospectus provides you with a general description of the common stock we and/or selling stockholders may offer. Each time we or the selling stockholders sell common stock, to the extent required, we will provide a supplement to this prospectus that will contain specific information about the terms of that offering. That prospectus supplement may also add, update or change information contained in this prospectus. Before purchasing any of our common stock, you should carefully read both this prospectus and any applicable prospectus supplement, together with the additional information described in this prospectus or any applicable prospectus supplement under the headings “*Where You Can Find More Information*” and “*Information Incorporated by Reference*.”

You should rely only on the information contained in this prospectus and in any applicable prospectus supplement, including any information incorporated by reference. Neither we nor the selling stockholders have authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. You should not assume that the information appearing in this prospectus, any prospectus supplement or any document incorporated by reference is accurate at any date other than as of the date of each such document. Our business, financial condition, results of operations and prospects may have changed since the date indicated on the cover page of such documents.

The distribution of this prospectus may be restricted by law in certain jurisdictions. You should inform yourself about and observe any of these restrictions. This prospectus does not constitute, and may not be used in connection with, an offer or solicitation by anyone in any jurisdiction in which the offer or solicitation is not authorized, or in which the person making the offer or solicitation is not qualified to do so, or to any person to whom it is unlawful to make the offer or solicitation.

When used in this prospectus or in any supplement to this prospectus, the terms “Mammoth,” the “Company,” “we,” “our” and “us” refer to Mammoth Energy Services, Inc. and its consolidated subsidiaries, unless otherwise indicated or the context otherwise requires.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act covering the common stock offered by this prospectus. This prospectus does not contain all of the information that you can find in that registration statement and its exhibits. Certain items are omitted from this prospectus in accordance with the rules and regulations of the SEC. For further information with respect to us and the common stock offered by this prospectus, reference is made to the registration statement and the exhibits filed with the registration statement. Statements contained in this prospectus as to the contents of any contract or other document referred to or incorporated by reference herein are not necessarily complete and in each instance such statement is qualified by reference to each such contract or document filed with or incorporated by reference as part of the registration statement. We file reports, proxy and information statements and other information with the SEC. The SEC maintains an Internet site that contains reports, proxy and information statements and other information regarding registrants that file electronically with the SEC. The address of the site is <http://www.sec.gov>. The registration statement, including all exhibits thereto and amendments thereof, has been filed electronically with the SEC.

You can also find our SEC filings on our website at www.mammothenergy.com. The information contained on our website or any other website is not incorporated by reference into this prospectus and does not constitute a part of this prospectus.

INFORMATION INCORPORATED BY REFERENCE

The SEC allows us to “incorporate by reference” into this prospectus the information we provide in other documents filed by us with the SEC. The information incorporated by reference is an important part of this prospectus and any prospectus supplement. Any statement contained in a document that is incorporated by reference in this prospectus is automatically updated and superseded if information contained in this prospectus and any prospectus supplement, or information that we later file with the SEC, modifies and replaces this information. We incorporate by reference the following documents that we have filed with the SEC (except as indicated below with respect to Item 2.02 or Item 7.01 of Form 8-K):

- our Annual Report on Form 10-K for the year ended December 31, 2023, filed with the SEC on March 1, 2024;
- the information specifically incorporated by reference into the Annual Report on Form 10-K for the fiscal year ended December 31, 2023 from our Definitive Proxy Statement on Schedule 14A, filed with the SEC on April 29, 2024;
- our Quarterly Report on Form 10-Q filed with the SEC on May 2, 2024; and
- the description of our common stock incorporated by reference to Exhibit 4.1 to our Annual Report on Form 10-K, filed with the SEC on March 2, 2020, including any amendment to that form that we may file in the future for the purpose of updating the description of our common stock.

In addition, all documents filed by us with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Securities and Exchange Act of 1934, as amended, or the Exchange Act (i) after the date of the initial registration statement of which this prospectus is a part and prior to effectiveness of such registration statement and (ii) after the date of this prospectus, in each case, will be deemed to be incorporated by reference into this prospectus and to be a part of this prospectus from the dates of the filing of such documents. Pursuant to General Instruction B of Form 8-K, any information submitted under Item 2.02, Results of Operations and Financial Condition, or Item 7.01, Regulation FD Disclosure, of Form 8-K is not deemed to be “filed” for the purpose of Section 18 of the Exchange Act, and we are not subject to the liabilities of Section 18 of the Exchange Act with respect to information submitted under Item 2.02 or Item 7.01 of Form 8-K. We are not incorporating by reference any information submitted under Item 2.02 or Item 7.01 of Form 8-K into any filing under the Securities Act or the Exchange Act or into this prospectus or any prospectus supplement, unless otherwise indicated on such Form 8-K.

We hereby undertake to provide without charge to each person, including any beneficial owner, to whom this prospectus is delivered, upon written or oral request of any such person, a copy of any or all of the information that has been incorporated by reference into this prospectus (excluding exhibits, unless the exhibits are specifically incorporated). You may request a copy of this prospectus or any of the incorporated documents at no charge to you by writing to Mark Layton, Chief Financial Officer, Mammoth Energy Services, Inc., 14201 Caliber Drive, Suite 300, Oklahoma City, Oklahoma 73134; telephone: (405) 608-6007.

Any statement contained in a document incorporated or deemed to be incorporated by reference in this prospectus will be deemed modified, superseded or replaced for purposes of this prospectus to the extent that a statement contained in this prospectus modifies, supersedes or replaces such statement.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

Various statements contained in this prospectus 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 and the Private Securities Litigation Reform Act of 1995. In particular, the factors discussed or incorporated by reference in this prospectus 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 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;
- employee retention and increasingly competitive labor market;
- general economic, business or industry conditions and concerns over a potential economic slowdown or recession;
- conditions in the capital, financial and credit markets;
- conditions of the 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 energy and environmental policies;
- inflationary pressure on the cost of services, equipment and other goods in our industries and other sectors;
- our ability to comply with the applicable financial covenants and other terms and conditions under our revolving credit facility and term loan;
- our ability to execute our business and financial strategies;
- our plans with respect to any stock repurchases under the board of directors' authorized stock repurchase program;
- our ability to continue to grow our infrastructure services segment or recommence certain of our suspended oilfield services;
- 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 results of litigation and other dispute resolution efforts relating to the contracts awarded to our subsidiary Cobra Acquisitions LLC, or Cobra, by the Puerto Rico Electric Power Authority, or PREPA;
- the outcome of our ongoing efforts to collect the amounts that remain unpaid to us by PREPA for electric grid restoration services performed by Cobra in Puerto Rico;
- the outcome or settlement of our litigation matters discussed in our filings with the SEC incorporated by reference into this prospectus on our financial condition and cash flows;
- 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;
- shortages, delays in delivery and interruptions in supply of major components, replacement parts, or other equipment, supplies or materials;
- extreme weather conditions in areas where we provide well completion, drilling and infrastructure services;
- access to and restrictions on use of sourced or produced water;
- technology;
- civil unrest, war, military conflicts or terrorist attacks;
- cyberattacks and any resulting loss of information;
- competition within the energy services industry;
- 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 or incorporated by reference in this prospectus, are forward-looking statements. These forward-looking statements may be found in the *Our Company*, “*Risk Factors*,” “*Business*” and “*Management’s Discussion and Analysis of Financial Condition and Results of Operations*” included, as applicable, in our most recent Annual Report on Form 10-K and subsequent Quarterly Reports on Form 10-Q incorporated by reference herein and elsewhere in this prospectus and any applicable prospectus supplement and the documents incorporated by reference herein or therein. 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 or incorporated by reference in this prospectus 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 prospectus 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 the many factors including those described under “*Risk Factors*” in this prospectus and any applicable prospectus supplement and in our most recent Annual Report on Form 10-K, subsequent Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other filings we make with the SEC incorporated by reference herein and elsewhere in this prospectus or any applicable prospectus supplement. All forward-looking statements contained in this prospectus or any applicable prospectus supplement or included in a document incorporated by reference herein or therein speak only as of the date hereof or thereof, respectively. 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.

OUR COMPANY

We are an integrated, growth-oriented energy services company focused on providing products and services to enable the exploration and development of North American onshore unconventional oil and natural gas reserve as well as the construction and repair of the electric grid for private utilities, public investor-owned utilities and cooperative utilities through our infrastructure services businesses. 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 well completion services, infrastructure services, natural sand proppant services, drilling services and other services. Our well completion services division provides hydraulic fracturing, sand hauling and water transfer services. Our infrastructure services division provides engineering, design, construction, upgrade, maintenance and repair services to the electrical infrastructure industry. 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, remote accommodations and equipment manufacturing. We believe that the services we offer play a critical role in increasing the ultimate recovery and present value of production streams from unconventional resources as well as in maintaining and improving electrical infrastructure. Our complementary suite of services provides us with the opportunity to cross-sell our services and expand our customer base and geographic positioning.

Our facilities and service centers are strategically located in Ohio, Texas, Oklahoma, Wisconsin, Kentucky, California, Colorado, Oregon, Indiana and Alberta, Canada primarily to serve the following areas:

- The Utica Shale in Eastern Ohio;
- Southern Ohio;
- The Permian Basin in West Texas;
- The Appalachian Basin in the Northeast;
- The SCOOP and STACK in Oklahoma;
- The Arkoma Basin in Arkansas and Oklahoma;
- The Anadarko Basin in Oklahoma;
- The Marcellus Shale in West Virginia and Pennsylvania;
- Southeastern New Mexico;
- The Barnett Shale in Texas;
- The Granite Wash and Mississippi Shale in Oklahoma and Texas;
- The Cana Woodford and Woodford Shales and the Cleveland Sand in Oklahoma;
- Southern California; and
- The oil sands in Alberta, Canada.

Our principal executive offices are located at 14201 Caliber Drive, Suite 300, Oklahoma City, OK 73134, and our telephone number at that address is (405) 608-6007. Our website address is www.mammothenergy.com. Information contained on our website does not constitute part of this prospectus or any applicable prospectus supplement.

RISK FACTORS

Investment in our common stock involves certain risks. You should carefully consider the factors contained in our Annual Report on Form 10-K for the fiscal year ended December 31, 2023 under the headings “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Discussion of Critical Accounting Estimates” and in any other filings we made with the SEC prior to the filing or the date of this prospectus, including those incorporated by reference into this prospectus, under the heading “Risk Factors” before investing in our common stock. You should also consider similar information contained in any annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and other documents filed by us with the SEC after the date of this prospectus before deciding to invest in our common stock. We will also include in any prospectus supplement a description of any other risk factors applicable to an offering contemplated by such prospectus supplement. Additional risks and uncertainties not known to us or that we view as immaterial may also impair our business operations. Any of these risks could materially and adversely affect our business, financial condition, results of operations and cash flows and could result in a loss of all or part of your investment. Please read “Cautionary Note Regarding Forward-Looking Statements.”

USE OF PROCEEDS

Unless the applicable prospectus supplement indicates otherwise, we intend to use the net proceeds from the sale of the common stock by us for general corporate purposes, including without limitation repaying or refinancing all or a portion of our existing short-term and long-term debt, making acquisitions of assets, businesses or securities, capital expenditures and for working capital. The precise amount and timing of the application of such proceeds will depend upon our funding requirements and the availability and cost of other capital. Pending any specific application of the net proceeds, we intend to invest our net proceeds in short-term, investment-grade securities, interest-bearing securities or guaranteed obligations of the United States or its agencies.

Unless the applicable prospectus supplement indicates otherwise, we will not receive any proceeds from the sale of common stock by the selling stockholders. See “Selling Stockholders” and “Plan of Distribution” for additional information.

DIVIDEND POLICY

On July 16, 2018, we initiated a quarterly dividend policy and declared our first quarterly cash dividend. In July 2019, as a result of oilfield market conditions and other factors, which included the status of collections from PREPA, our board of directors suspended the quarterly cash dividend.

Our board of directors' determination with respect to any future dividends will depend upon our profitability and financial condition, contractual restrictions, restrictions imposed by applicable law and other factors that the board deems relevant at the time of such determination. Based on its evaluation of these factors, the board of directors may determine not to declare a dividend or declare dividends at rates that are less than anticipated.

On August 10, 2023, our board of directors approved a stock repurchase program pursuant to which we would be authorized to repurchase up to the lesser of \$55 million or 10 million shares of our common stock, subject to the factors discussed below. Any stock repurchases under this program may be made opportunistically from time to time in open market or privately negotiated transactions in compliance with Rule 10b-18 under the Exchange Act, including any 10b5-1 plan, and will be subject to market conditions, applicable legal and contractual restrictions, liquidity requirements and other factors. The repurchase program has no time limit, does not require us to repurchase any specific number of shares and may be suspended from time to time, modified or discontinued by our board of directors at any time. Any common stock repurchased as part of such stock repurchase program will be cancelled and retired. We have not repurchased any shares of our common stock under the stock repurchase program to date. No assurance can be given that we will effectuate stock buybacks in the future, which could materially and adversely affect the market price of our common stock.

SELLING STOCKHOLDERS

The shares of our common stock covered by this prospectus that may be sold from time to time in the secondary offering are being offered by the selling stockholders identified in this prospectus. As used in this prospectus, references to the selling stockholders include the selling stockholders identified in this prospectus and their respective donees, pledges, transferees or other successors in interest selling common stock covered by this prospectus received from any of such selling stockholders after the date of this prospectus as a gift, pledge, distribution or other transfer. This prospectus will not cover subsequent sales of common stock purchased from the selling stockholders identified in this prospectus.

On October 12, 2016, prior to the completion of our initial public offering, or the IPO, we issued 20,615,700 shares of our common stock to Mammoth Energy Holdings LLC, which we refer to as Mammoth Holdings, an affiliate of Wexford Capital LP (“Wexford”). Of these shares, Mammoth Holdings sold 171,797 shares of our common stock in the IPO. Following such sale in the IPO, Mammoth Holdings held 20,443,903 shares of our common stock. In June 2017, all of the shares held by Mammoth Holdings were transferred to MEH Sub LLC, which we refer to as MEH, an affiliate of Wexford, in an internal reorganization of certain Wexford affiliates. Also in June 2017, we issued an aggregate of 4,565,416 shares of our common stock to MEH and certain other affiliates of Wexford (all of which shares are currently held by MEH), as part of the consideration for our acquisitions of all outstanding membership interests in Sturgeon Acquisitions LLC, Stingray Energy Services LLC and Stingray Cementing LLC from Wexford and certain other entities. In June and July of 2018, as part of an underwritten secondary public offering, MEH sold an aggregate of 3,030,426 shares of our common stock. In addition, subsequent to the IPO, Wexford purchased an aggregate of 246,548 shares in open market transactions and received an aggregate of 405,994 restricted stock units, or RSUs, granted under our equity incentive plan to our directors who are, or at the time of such grant were, affiliates of Wexford, and assigned such RSUs to Wexford as required by the terms of their employment with Wexford, of which (i) 378,138 RSUs have vested as of the date of this prospectus and are included in the table below as shares of common stock that may be sold by Wexford under this prospectus or any applicable prospectus supplement and (ii) 27,856 RSUs are scheduled to vest, subject to certain conditions, on the earlier of June 12, 2025 and the date of our 2025 Annual Meeting of Stockholders. These shares of common stock subject to the unvested RSUs are also included in the table below, but may not be sold by Wexford under this prospectus until such RSUs have vested. Further, on March 12, 2024, Wexford completed a partial in-kind distribution of 535,366 shares of common stock to one of its limited partners without transferring any registration rights with respect to such shares under that certain registration rights agreement described below.

In connection with the closing of the IPO on October 19, 2016, we entered into a registration rights agreement with Mammoth Holdings, pursuant to which Mammoth Holdings and its affiliates, including MEH, have certain demand and “piggyback” registration rights with respect to shares of common stock owned by such entities or their affiliates.

Additional information regarding our material relationships and related party transactions with Wexford and its affiliates is set forth under the heading “Certain Relationships and Related Party Transactions” in our definitive proxy statement on Schedule 14A, filed by us with the SEC on April 29, 2024 as may be updated or supplemented by subsequent filings we make with the SEC, and the notes to our consolidated financial statements included in our most recent Annual Report on Form 10-K and Quarterly Report on Form 10-Q, which information is incorporated herein by reference.

We have prepared this prospectus and the related registration statement in part to fulfill our registration requirements with respect to the shares of our common stock beneficially owned by Wexford and certain of its affiliates. Pursuant to the registration rights agreements, we will pay all expenses relating to the registration and offering of these shares, except that Wexford will pay any underwriting fees, discounts or commissions. Pursuant to the terms of the registration rights agreement, we agreed to indemnify Wexford and its affiliates against certain liabilities, including liabilities under the Securities Act, and Wexford has agreed to indemnify us against certain liabilities, including liabilities under the Securities Act, which may arise from any written information furnished to us by Wexford specifically for use in this prospectus.

No offer or sale under this prospectus may be made by a stockholder unless that stockholder is identified in this prospectus, in a supplement to this prospectus or in an amendment to the related registration statement that has become effective. We may supplement or amend this prospectus to include additional selling stockholders upon provision of all required information to us and subject to the terms of the registration rights agreement described above.

The following table sets forth the maximum number of shares of our common stock that may be sold by the selling stockholders identified in the table below and related footnotes. We cannot predict when or in what amount the selling stockholders may sell any of the shares offered by such selling stockholders in this prospectus, if at all. The table (or the introductory paragraphs to the table, as applicable) and the related footnotes also set forth the name and other information with respect to the selling stockholders and their ownership of our common stock, the nature of any position, office or other material relationship which such selling stockholder has had, within the past three years, with us or with any of our predecessors or affiliates, and the number of shares of our common stock to be owned by such selling stockholders after completion of the offering.

We prepared the table based on information provided to us by the selling stockholders. We have not sought to independently verify such information. Additionally, the selling stockholders may have sold or transferred some or all of its shares of our common stock in transactions exempt from the registration requirements of the Securities Act since the date on which the information in the table was provided to us. Other information about the selling stockholders may also change over time.

Except as otherwise indicated, we believe that the stockholder identified in this table has sole voting and dispositive power with respect to the shares indicated as beneficially owned.

Name of Beneficial Owner	Common Stock Beneficially Owned Prior to Offering ⁽¹⁾		Shares of Common Stock Being Offered Hereby	Shares of Common Stock Beneficially Owned After Completion of the Offering		
	Number	Percentage		Number	Percentage	
Selling Stockholders:						
Wexford Capital LP ⁽²⁾	22,096,069	45.9 %	22,096,069	—	—	%
Arty Strachla ⁽³⁾	1,012,107	2.1 %	1,012,107	—	—	%
Mark Layton ⁽⁴⁾	418,985	*	418,985	—	—	%
Total	23,527,161	48.9 %	23,527,161	—	—	%

*Less than 1%

- (1) Percentage of beneficial ownership is based upon 48,127,369 shares of common stock outstanding as of June 12, 2024. For purposes of this table, a person or group of persons is deemed to have “beneficial ownership” of any shares of common stock which such person has the right to acquire within 60 days. For purposes of computing the percentage of outstanding shares of common stock held by each person or group of persons named above, any security that such person or group of persons has the right to acquire within 60 days is deemed to be outstanding for the purpose of computing the percentage ownership for such person or persons, but is not deemed to be outstanding for the purpose of computing the percentage ownership of any other person.

- (2) Based on Schedule 13G/A and Form 4 filed jointly with the SEC on February 9, 2024 and March 14, 2024, respectively, by Wexford, Wexford GP LLC, which we refer to as Wexford GP, Charles E. Davidson, which we refer to as Mr. Davidson, and Joseph M. Jacobs, which we refer to as Mr. Jacobs, and internal records. The number of shares of common stock shown as beneficially owned by Wexford consists of (i) 21,690,075 shares of common stock held in the aggregate by Wexford Spectrum Trading Limited, which we refer to as WST, Wexford Catalyst Trading Limited, which we refer to as WCT, Wexford Focused Trading Limited, which we refer to as WFT, and MEH (which we refer to together with WST, WCT and WFT as the Wexford Entities), (ii) 378,138 shares of common stock directly held by Wexford, and (iii) 27,856 shares of common stock subject to unvested RSUs granted on June 12, 2024 that are scheduled to vest, subject to certain conditions, on the earlier of June 12, 2025 and the date of the registrant's 2025 Annual Meeting of Stockholders, which were assigned to Wexford by one of the registrant's directors under the terms of his employment with Wexford and may not be sold until such RSUs have fully vested. Each of these entities may act as a selling stockholder in a secondary offering contemplated by this prospectus. Wexford GP is the general partner of Wexford. Mr. Davidson and Mr. Jacobs are the managing members of Wexford GP. Wexford, Wexford GP, Mr. Davidson and Mr. Jacobs have shared voting and dispositive power over 22,096,069 shares of common stock. Wexford may, by reason of its status as (i) sub-advisor of each of WST and WCT, (ii) investment manager of WFT and (iii) manager of MEH, be deemed to own beneficially the securities of which the Wexford Entities possess beneficial ownership. Wexford GP may, as the General Partner of Wexford, be deemed to own beneficially the securities of which the Wexford Entities possess beneficial ownership. Each of Mr. Davidson and Mr. Jacobs may, by reason of his status as a controlling person of Wexford GP, be deemed to own beneficially the securities of which the Wexford Entities possess beneficial ownership. Each of Wexford, Wexford GP, Mr. Davidson and Mr. Jacobs share the power to vote and to dispose of the securities beneficially owned by the Wexford Entities. Each of Wexford, Wexford GP, Mr. Davidson and Mr. Jacobs disclaim beneficial ownership of the securities owned by the Wexford Entities except, in the case of Mr. Davidson and Mr. Jacobs, to the extent of any pecuniary interests therein. Wexford's address is 777 South Flagler Drive, Suite 602 East, West Palm Beach Florida 33401.
- (3) Mr. Strachla holds an aggregate of 1,792 of these shares of common stock in three custodial accounts for the benefit of three of his grandchildren over which accounts Mr. Strachla maintains investment control. The remaining shares of common stock beneficially owned by Mr. Strachla and covered by this prospectus were either issued to Mr. Strachla under our equity incentive plan upon vesting and settlement of RSUs awards or purchased by Mr. Strachla in open market purchases or through a directed share program in connection with the IPO. Mr. Strachla serves as our Chief Executive Officer and one of our directors.
- (4) The shares of common stock beneficially owned by Mr. Layton and covered by this prospectus were either issued to Mr. Layton under our equity incentive plan upon vesting and settlement of RSUs awards or purchased by Mr. Layton through a directed share program in connection with the IPO. Mr. Layton serves as our Chief Financial Officer.

The selling stockholders identified in this prospectus may be deemed to be an underwriter within the meaning of Section 2(a)(11) of the Securities Act.

DESCRIPTION OF OUR COMMON STOCK

The following description of our common stock, certificate of incorporation and our bylaws are summaries thereof and are qualified by reference to our certificate of incorporation and our bylaws, as amended and restated, copies of which have been filed with the SEC as exhibits and are incorporated by reference in the registration statement of which this prospectus is a part.

Authorized Capital Stock

Our authorized capital stock consists of 200,000,000 shares of common stock, par value \$0.01 per share, and 20,000,000 shares of preferred stock, par value \$0.01 per share. Our common stock has been approved for listing on The Nasdaq Global Select Market under the symbol "TUSK."

Common Stock

Holders of shares of common stock are entitled to one vote per share on all matters submitted to a vote of stockholders. Shares of common stock do not have cumulative voting rights, which means that the holders of more than 50% of the shares voting for the election of the board of directors can elect all the directors to be elected at that time and, in such event, the holders of the remaining shares will be unable to elect any directors to be elected at that time. Our certificate of incorporation denies stockholders any preemptive rights to acquire or subscribe for any stock, obligation, warrant or other securities of ours. Holders of shares of our common stock have no redemption or conversion rights nor are they entitled to the benefits of any sinking fund provisions.

In the event of our liquidation, dissolution or winding up, holders of shares of common stock shall be entitled to receive, pro rata, all the remaining assets of our company available for distribution to our stockholders after payment of our debts and after there shall have been paid to or set aside for the holders of capital stock ranking senior to common stock in respect of rights upon liquidation, dissolution or winding up the full preferential amounts to which they are respectively entitled.

Holders of record of shares of common stock are entitled to receive dividends when and if declared by the board of directors out of any assets legally available for such dividends, subject to both the rights of all outstanding shares of capital stock ranking senior to the common stock in respect of dividends and to any dividend restrictions contained in debt agreements. All outstanding shares of common stock and any shares sold and issued by us pursuant to this prospectus will be fully paid and nonassessable.

Preferred Stock

Our board of directors is authorized to issue up to 20,000,000 shares of preferred stock in one or more series and designate:

- the distinctive serial designation and number of shares of the series;
- the voting powers and the right, if any, to elect a director or directors;
- the terms of office of any directors the holders of preferred shares are entitled to elect;
- the dividend rights, if any;
- the terms of redemption and the amount of, and provisions regarding, any sinking fund for the purchase or redemption thereof;
- the liquidation preferences and the amounts payable on dissolution or liquidation;
- the terms and conditions under which shares of the series may or shall be converted into any other series or class of stock or debt of the corporation; and
- any other terms or provisions which the board of directors is legally authorized to fix or alter.

We do not need stockholder approval to issue or fix the terms of the preferred stock. The actual effect of the authorization of the preferred stock upon your rights as holders of common stock is unknown until our board of directors determines the specific rights of owners of any series of preferred stock. Depending upon the rights granted to any series of preferred stock, your voting power, liquidation preference or other rights could be adversely affected. Preferred stock may be issued in acquisitions or for other corporate purposes. Issuance in connection with a stockholder rights plan or other takeover defense could have the effect of making it more difficult for a third party to acquire, or of discouraging a third party from acquiring, control of our company. We have no present plans to issue any shares of preferred stock.

Related Party Transactions and Corporate Opportunities

Subject to the limitations of applicable law, our certificate of incorporation, among other things:

- permits us to enter into transactions with entities in which one or more of our officers or directors are financially or otherwise interested so long as it has been approved by our board of directors;
- permits any of our stockholders, officers or directors to conduct business that competes with us and to make investments in any kind of property in which we may make investments; and
- provides that if any director or officer of one of our affiliates who is also one of our officers or directors becomes aware of a potential business opportunity, transaction or other matter (other than one expressly offered to that director or officer in writing solely in his or her capacity as our director or officer), that director or officer will have no duty to communicate or offer that opportunity to us, and will be permitted to communicate or offer that opportunity to such affiliates and that director or officer will not be deemed to have (i) acted in a manner inconsistent with his or her fiduciary or other duties to us regarding the opportunity or (ii) acted in bad faith or in a manner inconsistent with our best interests.

Anti-takeover Effects of Provisions of Our Certificate of Incorporation and Our Bylaws

Some provisions of our certificate of incorporation and our bylaws contain provisions that could make it more difficult to acquire us by means of a merger, tender offer, proxy contest or otherwise, or to remove our incumbent officers and directors. These provisions, summarized below, are expected to discourage coercive takeover practices and inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our board of directors. We believe that the benefits of increased protection of our potential ability to negotiate with the proponent of an unfriendly or unsolicited proposal to acquire or restructure us outweigh the disadvantages of discouraging such proposals because negotiation of such proposals could result in an improvement of their terms.

Undesignated preferred stock. The ability to authorize and issue undesignated preferred stock may enable our board of directors to render more difficult or discourage an attempt to change control of us by means of a merger, tender offer, proxy contest or otherwise. For example, if in the due exercise of its fiduciary obligations, the board of directors were to determine that a takeover proposal is not in our best interest, the board of directors could cause shares of preferred stock to be issued without stockholder approval in one or more private offerings or other transactions that might dilute the voting or other rights of the proposed acquirer or insurgent stockholder or stockholder group.

Stockholder meetings. Our certificate of incorporation and bylaws provide that a special meeting of stockholders may be called only by the Chairman of the Board, the Chief Executive Officer or by a resolution adopted by a majority of our board of directors.

Requirements for advance notification of stockholder nominations and proposals. Our bylaws establish advance notice procedures with respect to stockholder proposals and the nomination of candidates for election as directors, other than nominations made by or at the direction of the board of directors.

Stockholder action by written consent. Our bylaws provide that, except as may otherwise be provided with respect to the rights of the holders of preferred stock, no action that is required or permitted to be taken by our stockholders at any annual or special meeting may be effected by written consent of stockholders in lieu of a meeting of stockholders; provided, however, that prior to the date that Wexford ceases to beneficially own (directly or indirectly) more than 50% of our outstanding shares of common stock, any action required or permitted to be taken by stockholders at any meeting of stockholders may be taken without a meeting if a consent in writing, setting forth the action so taken, is signed by holders of outstanding stock having not less than the minimum voting power that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted. This provision, which may not be amended except by the affirmative vote of at least 66 2/3% of the voting power of all then outstanding shares of capital stock entitled to vote generally in the election of directors, voting together as a single class, makes it difficult for stockholders to initiate or effect an action by written consent that is opposed by our board.

Amendment of the bylaws. Under Delaware General Corporation Law (the “*DGCL*”), the power to adopt, amend or repeal bylaws is conferred upon the stockholders. A corporation may, however, in its certificate of incorporation also confer upon the board of directors the power to adopt, amend or repeal its bylaws. Our certificate of incorporation and bylaws grant our board the power to adopt, amend and repeal our bylaws at any regular or special meeting of the board on the affirmative vote of a majority of the directors then in office. Our stockholders may adopt, amend or repeal our bylaws but only at any regular or special meeting of stockholders by an affirmative vote of holders of at least 66 2/3% of the voting power of all then outstanding shares of capital stock entitled to vote generally in the election of directors, voting together as a single class.

Removal of Director. Our certificate of incorporation and bylaws provide that members of our board of directors may only be removed by the affirmative vote of holders of at least 66 2/3% of the voting power of all then outstanding shares of capital stock entitled to vote generally in the election of directors, voting together as a single class.

Amendment of the Certificate of Incorporation. Our certificate of incorporation provides that, in addition to any other vote that may be required by law or any preferred stock designation, the affirmative vote of the holders of at least 66 2/3% of the voting power of all then outstanding shares of capital stock entitled to vote generally in the election of directors, voting together as a single class, is required to amend, alter or repeal, or adopt any provision as part of our certificate of incorporation inconsistent with the provisions of our certificate of incorporation dealing with distributions on our common stock, related party transactions, our board of directors, our bylaws, meetings of our stockholders or amendment of our certificate of incorporation.

The provisions of our certificate of incorporation and bylaws could have the effect of discouraging others from attempting hostile takeovers and, as a consequence, they may also inhibit temporary fluctuations in the market price of our common stock that often result from actual or rumored hostile takeover attempts. These provisions may also have the effect of preventing changes in our management. It is possible that these provisions could make it more difficult to accomplish transactions which stockholders may otherwise deem to be in their best interests.

Exclusive Forum

Our certificate of incorporation requires, to the fullest extent permitted by law, that derivative actions brought in our name, actions against directors, officers and other employees for breach of a fiduciary duty and other similar actions may be brought only in specified courts in the State of Delaware. Although we believe this provision benefits us by providing increased consistency in the application of Delaware law in the types of lawsuits to which it applies, the provision may have the effect of discouraging lawsuits against our directors, officers and other employees.

Transfer Agent and Registrar

Computershare Trust Company, NA, is the transfer agent and registrar for our common stock.

Listing

Our common stock is listed on The Nasdaq Global Select Market under the symbol “TUSK.”

PLAN OF DISTRIBUTION

Initial Offering and Sale of Common Stock

We and the selling stockholders, which reference as used in this prospectus includes such selling stockholders' respective donees, pledges, transferees or other successors in interest selling common stock covered by this prospectus received after the date of this prospectus from any of such selling stockholders as a gift, pledge, distribution or other transfer, may, from time to time, sell, transfer or otherwise dispose of any or all of the common stock offered by this prospectus or any applicable prospectus supplement on any stock exchange, market or trading facility on which such common stock is traded or in private transactions. These dispositions may be at fixed prices, at prevailing market prices at the time of sale, at prices related to the prevailing market price, at varying prices determined at the time of sale or at negotiated prices.

We and the selling stockholders may use any one or more of the following methods when disposing of the offered common stock:

- sales on the Nasdaq Stock Market LLC or any national securities exchange or quotation service on which our common stock may be listed or quoted at the time of sale;
- an over-the-counter sale or distribution;
- underwritten offerings;
- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the common stock as agent, but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- sales deemed to be an "at the market" offering as defined in Rule 415 promulgated under the Securities Act, which includes sales made directly on or through the Nasdaq Global Select Market or sales made to or through a market maker other than on an exchange;
- short sales effected after the date of this prospectus;
- through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;
- broker-dealers may agree to sell a specified number of such common stock at a stipulated price per share;
- through the distribution of the shares by any selling stockholder to its general or limited partners, members, managers, affiliates, employees, directors or stockholders;
- a combination of any such methods of sale; and
- any other method permitted pursuant to applicable law.

Any selling stockholder may elect to make an in-kind distribution of its shares of common stock covered by this prospectus or any applicable prospectus supplement to such selling stockholder's members, partners or stockholders. To the extent that such members, partners or stockholders are not affiliates of ours, such members, partners or stockholders would thereby receive freely tradeable shares of our common stock pursuant to the distribution through this registration statement.

The selling stockholders may also sell the shares of common stock under Rule 144 or any other exemption from registration under the Securities Act, if, when and to the extent such exemption is available to them at the time of such sale, rather than under this prospectus.

The selling stockholders may also transfer their shares of common stock in other circumstances, in which case the transferees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

Broker-dealers engaged by any selling stockholder may arrange for other brokers-dealers to participate in sales. Broker-dealers may receive commissions or discounts from such selling stockholder (or, if any broker-dealer acts as agent for the purchaser of common stock, from the purchaser) in amounts to be negotiated, but, except as set forth in a supplement to this prospectus, in the case of an agency transaction not in excess of a customary brokerage commission in compliance with Financial Industry Regulatory Authority, or FINRA, Rule 5110; and in the case of a principal transaction a markup or markdown in compliance with FINRA Rule 2121.

In connection with the sale of the common stock, the selling stockholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the common stock in the course of hedging the positions they assume. The selling stockholders may also sell common stock short and deliver these shares to close out their short positions, or loan or pledge the securities to broker-dealers that in turn may sell these shares. The selling stockholders may also enter into option or other transactions with broker-dealers or other financial institutions or create one or more derivative securities which require the delivery to such broker-dealer or other financial institution of securities offered by this prospectus, which securities such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction).

The selling stockholders may from time to time pledge or grant a security interest in some or all of the shares of common stock owned by them and, if they default in the performance of secured obligations, the pledgees or secured parties may offer and sell common stock from time to time under this prospectus, or, to the extent required under the applicable securities laws, under an amendment to this prospectus under Rule 424 or other applicable provision of the Securities Act.

If underwriters are used to sell the common stock, we and the selling stockholder, if any, will enter into an underwriting agreement or similar agreement with them at the time of the sale to them. In that event, underwriters may receive compensation from us and the selling stockholder, if any, in the form of underwriting discounts or commissions and may also receive commissions from purchasers of the common stock for whom they may act as agent.

To the extent required by applicable law, a prospectus supplement relating to the common stock will set forth:

- the offering terms, including the name or names of any underwriters, dealers or agents;
- the number or amount of the common stock involved, the purchase price of such common stock and the proceeds to us and the selling stockholder, if any, from such sale;
- any underwriting discounts, concessions, commissions and other items constituting compensation to underwriters, dealers or agents;
- any initial public offering price;
- any discounts or concessions allowed or reallocated or paid by underwriters or dealers to other dealers; and
- any securities exchanges on which the common stock may be listed.

The common stock may be offered to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more of such firms. Unless otherwise set forth in an applicable prospectus supplement, the obligations of underwriters or dealers to purchase the common stock will be subject to certain conditions precedent and the underwriters or dealers will be obligated to purchase all the securities if any are purchased. Any public offering price and any discounts or concessions allowed or reallocated or paid by underwriters or dealers to other dealers may be changed from time to time.

The selling stockholders and any underwriters, dealers or agents that are involved in selling the common stock may be deemed to be “underwriters” within the meaning of the Securities Act in connection with such sales. In such event, any commissions received by them and any profit on the resale of the common stock purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act.

In order to comply with the securities laws of some states, the shares sold in those jurisdictions may only be sold through registered or licensed brokers or dealers. In addition, in some states, the shares may not be sold unless the shares have been registered or qualified for sale in that state or an exemption from registration or qualification is available and is complied with.

The common stock may be sold directly by us, any selling stockholder or through agents designated by us from time to time. Any agent involved in the offer or sale of the common stock in respect of which this prospectus and a prospectus supplement is delivered will be named, and any commissions payable by us or any selling stockholder to such agent will be set forth, in any required prospectus supplement. Unless otherwise indicated in the prospectus supplement, any such agent will be acting on a best-efforts basis for the period of its appointment.

If so indicated in the prospectus supplement, we or any selling stockholder will authorize underwriters, dealers or agents to solicit offers from certain specified institutions to purchase common stock from us or such selling stockholder at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. Such contracts will be subject to any conditions set forth in the prospectus supplement and the prospectus supplement will set forth the commissions payable for solicitation of such contracts. The underwriters and other persons soliciting such contracts will have no responsibility for the validity or performance of any such contracts.

Underwriters, dealers and agents may be entitled under agreements entered into with us or any selling stockholder to be indemnified by us against certain civil liabilities, including liabilities under the Securities Act, or to contribution by us to payments which they may be required to make. The terms and conditions of such indemnification will be described in an applicable prospectus supplement. Underwriters, dealers and agents may be customers of, engage in transactions with or perform services for us or such selling stockholder in the ordinary course of business.

Any underwriters to whom common stock is sold by us or any selling stockholder for public offering and sale may make a market in such common stock, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. No assurance can be given as to the liquidity of the trading market for any common stock.

Certain persons participating in any offering of common stock may engage in transactions that stabilize, maintain or otherwise affect the price of the common stock offered. In connection with any such offering, the underwriters, dealers or agents, as the case may be, may purchase and sell common stock in the open market. These transactions may include over allotment and stabilizing transactions and purchases to cover syndicate short positions created in connection with the offering. Stabilizing transactions consist of certain bids or purchases for the purpose of preventing or retarding a decline in the market price of the common stock and syndicate short positions involve the sale by the underwriters, dealers or agents, as the case may be, of a greater number of common stock than they are required to purchase from us in the offering. The underwriters may also impose a penalty bid, whereby selling concessions allowed to syndicate members or other broker-dealers for the common stock sold for their account may be reclaimed by the syndicate if such common stock is repurchased by the syndicate in stabilizing or covering transactions. These activities may stabilize, maintain or otherwise affect the market price of the common stock, which may be higher than the price that might otherwise prevail in the open market, and if commenced, may be discontinued at any time. These transactions may be effected on The Nasdaq Global Select Market, in the over-the-counter market or otherwise. These activities will be described in more detail in the sections entitled "*Plan of Distribution*" or "*Underwriting*" in the applicable prospectus supplement.

LEGAL MATTERS

Unless otherwise indicated in the applicable prospectus supplement, the validity of the common stock to be offered hereby offered by us and/or the selling stockholders will be passed upon by Akin Gump Strauss Hauer & Feld LLP. If legal matters in connection with offerings made by this prospectus are passed on by counsel for the underwriters, dealers or agents, if any, that counsel will be named in the applicable prospectus supplement.

EXPERTS

The audited consolidated financial statements and management's assessment of the effectiveness of internal control over financial reporting incorporated by reference in this prospectus and elsewhere in the registration statement have been so incorporated by reference in reliance upon the reports of Grant Thornton LLP, independent registered public accountants, upon the authority of said firm as experts in accounting and auditing.

The information incorporated in this prospectus by reference to the Annual Report on Form 10-K of Mammoth Energy Services, Inc. concerning estimates of our proven mineral reserves was derived from the report of John T. Boyd Company, independent mining engineers and geologists. All of such information has been included herein in reliance upon the authority of such firm as an expert in such matters.

GLOSSARY OF OIL AND NATURAL GAS AND ELECTRICAL INFRASTRUCTURE TERMS

The following is a glossary of certain oil and natural gas and natural sand proppant industry terms used or incorporated by reference from our filings with the SEC in this prospectus:

Acidizing. To pump acid into a wellbore to improve well 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.

Flow back. 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 one pound of 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/unconventional well. 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 or incorporated by reference in this prospectus:

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.

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 13. Other Expenses of Issuance and Distribution.

The following table sets forth the fees and expenses in connection with the issuance and distribution of the securities being registered hereunder. Except for the SEC registration fee, all amounts are estimates.

SEC registration fee	\$ 185.19 ⁽¹⁾
FINRA filing fee	*
Nasdaq Global Market listing fee	*
Accounting fees and expenses	*
Legal fees and expenses	*
Blue Sky fees and expenses (including counsel fees)	*
Printing fees and expenses	*
Transfer Agent and Registrar fees and expenses	*
Miscellaneous expenses	*
Total	*

- (1) In accordance with Rule 415(a)(6) under the Securities Act, the filing fees previously paid in connection with the securities registered under the registrant's prior registration statement on Form S-3 (File Number 333-257186) (of which (i) an indeterminate amount of common stock having a proposed maximum aggregate offering price of \$500,000,000 that may be sold by the registrant in the primary offering and (ii) an aggregate of 23,176,688 shares of common stock that may be sold by the selling stockholders in the secondary offering, remain, in each case, unsold) will continue to be applied to such carry forward securities registered under this registration statement, and the previously paid filing fees are not reflected in this table. Please see the registration fee table contained in Exhibit 107 to this registration statement for more information.

- * Estimated expenses are not presently known. The foregoing sets forth the general categories of expenses that we anticipate we may incur in connection with the offering of securities under this registration statement. An estimate of the aggregate expenses in connection with the issuance and distribution of the securities being offered will be included in the applicable prospectus supplement or information incorporated by reference.

Item 14. Indemnification of Directors and Officers.

Limitation of Liability

Section 102(b)(7) of the DGCL permits a corporation, in its certificate of incorporation, to limit or eliminate, subject to certain statutory limitations, the liability of directors to the corporation or its stockholders for monetary damages for breaches of fiduciary duty, except for liability:

- for any breach of the director's duty of loyalty to the company or its stockholders;
- for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law;
- in respect of certain unlawful dividend payments or stock redemptions or repurchases; and
- for any transaction from which the director derives an improper personal benefit.

In accordance with Section 102(b)(7) of the DGCL, Section 9.1 of our certificate of incorporation provides that that no director shall be personally liable to us or any of our stockholders for monetary damages resulting from breaches of their fiduciary duty as directors, except to the extent such limitation on or exemption from liability is not permitted under the DGCL. The effect of this provision of our certificate of incorporation is to eliminate our rights and those of our stockholders (through stockholders' derivative suits on our behalf) to recover monetary damages against a director for breach of the fiduciary duty of care as a director, including breaches resulting from negligent or grossly negligent behavior, except, as restricted by Section 102(b)(7) of the DGCL. However, this provision does not limit or eliminate our rights or the rights of any stockholder to seek non-monetary relief, such as an injunction or rescission, in the event of a breach of a director's duty of care.

If the DGCL is amended to authorize corporate action further eliminating or limiting the liability of directors, then, in accordance with our certificate of incorporation, the liability of our directors to us or our stockholders will be eliminated or limited to the fullest extent authorized by the DGCL, as so amended. Any repeal or amendment of provisions of our certificate of incorporation limiting or eliminating the liability of directors, whether by our stockholders or by changes in law, or the adoption of any other provisions inconsistent therewith, will (unless otherwise required by law) be prospective only, except to the extent such amendment or change in law permits us to further limit or eliminate the liability of directors on a retroactive basis.

Indemnification

Section 145 of the DGCL permits a corporation, under specified circumstances, to indemnify its directors, officers, employees or agents against expenses (including attorneys' fees), judgments, fines and amounts paid in settlements actually and reasonably incurred by them in connection with any action, suit or proceeding brought by third parties by reason of the fact that they were or are directors, officers, employees or agents of the corporation, if such directors, officers, employees or agents acted in good faith and in a manner they reasonably believed to be in or not opposed to the best interests of the corporation and, with respect to any criminal action or proceeding, had no reason to believe their conduct was unlawful. In a derivative action, i.e., one by or in the right of the corporation, indemnification may be made only for expenses actually and reasonably incurred by directors, officers, employees or agents in connection with the defense or settlement of an action or suit, and only with respect to a matter as to which they shall have acted in good faith and in a manner they reasonably believed to be in or not opposed to the best interests of the corporation, except that no indemnification shall be made if such person shall have been adjudged liable to the corporation, unless and only to the extent that the court in which the action or suit was brought shall determine upon application that the defendant directors, officers, employees or agents are fairly and reasonably entitled to indemnity for such expenses despite such adjudication of liability.

Our certificate of incorporation provides that we will, to the fullest extent authorized or permitted by applicable law, indemnify our current and former directors and officers, as well as those persons who, while directors or officers of our corporation, are or were serving as directors, officers, employees or agents of another entity, trust or other enterprise, including service with respect to an employee benefit plan, in connection with any threatened, pending or completed proceeding, whether civil, criminal, administrative or investigative, against all expense, liability and loss (including, without limitation, attorney's fees, judgments, fines, ERISA excise taxes and penalties and amounts paid in settlement) reasonably incurred or suffered by any such person in connection with any such proceeding. Notwithstanding the foregoing, a person eligible for indemnification pursuant to our certificate of incorporation will be indemnified by us in connection with a proceeding initiated by such person only if such proceeding was authorized by our board of directors, except for proceedings to enforce rights to indemnification.

The right to indemnification conferred by our certificate of incorporation is a contract right that includes the right to be paid by us the expenses incurred in defending or otherwise participating in any proceeding referenced above in advance of its final disposition, provided, however, that if the DGCL requires, an advancement of expenses incurred by our officer or director (solely in the capacity as an officer or director of our corporation) will be made only upon delivery to us of an undertaking, by or on behalf of such officer or director, to repay all amounts so advanced if it is ultimately determined that such person is not entitled to be indemnified for such expenses under our certificate of incorporation or otherwise.

The rights to indemnification and advancement of expenses will not be deemed exclusive of any other rights which any person covered by our certificate of incorporation may have or hereafter acquire under law, our certificate of incorporation, our bylaws, an agreement, vote of stockholders or disinterested directors, or otherwise.

Any repeal or amendment of provisions of our certificate of incorporation affecting indemnification rights, whether by our stockholders or by changes in law, or the adoption of any other provisions inconsistent therewith, will (unless otherwise required by law) be prospective only, except to the extent such amendment or change in law permits us to provide broader indemnification rights on a retroactive basis, and will not in any way diminish or adversely affect any right or protection existing at the time of such repeal or amendment or adoption of such inconsistent provision with respect to any act or omission occurring prior to such repeal or amendment or adoption of such inconsistent provision. Our certificate of incorporation also permits us, to the extent and in the manner authorized or permitted by law, to indemnify and to advance expenses to persons other than those specifically covered by our certificate of incorporation.

Our bylaws include the provisions relating to advancement of expenses and indemnification rights consistent with those set forth in our certificate of incorporation. In addition, our bylaws provide for a right of indemnitee to bring a suit in the event a claim for indemnification or advancement of expenses is not paid in full by us within a specified period of time. Our bylaws also permit us to purchase and maintain insurance, at our expense, to protect us and/or any director, officer, employee or agent of our corporation or another entity, trust or other enterprise against any expense, liability or loss, whether or not we would have the power to indemnify such person against such expense, liability or loss under the DGCL.

Any repeal or amendment of provisions of our bylaws affecting indemnification rights, whether by our board of directors, stockholders or by changes in applicable law, or the adoption of any other provisions inconsistent therewith, will (unless otherwise required by law) be prospective only, except to the extent such amendment or change in law permits us to provide broader indemnification rights on a retroactive basis, and will not in any way diminish or adversely affect any right or protection existing thereunder with respect to any act or omission occurring prior to such repeal or amendment or adoption of such inconsistent provision.

We have entered into indemnification agreements with each of our current directors and executive officers. These agreements require us to indemnify these individuals to the fullest extent permitted under Delaware law against liabilities that may arise by reason of their service to us, and to advance expenses incurred as a result of any proceeding against them as to which they could be indemnified. We also intend to enter into indemnification agreements with future directors and executive officers.

We may enter into an Underwriting Agreement in connection with a specific offering under which the underwriters will be obligated, under certain circumstances, to indemnify our directors and officers against certain liabilities, including liabilities under the Securities Act. Reference is made to the form of Underwriting Agreement to be filed as Exhibit 1.1 to our Current Report on Form 8-K in connection with a specific offering.

Item 15. Recent Sales of Unregistered Securities.

None.

Item 16. Exhibits and Financial Statement Schedules.

(A) Exhibits.

Exhibit Number	Exhibit Description
1.1+	Form of Common Stock Underwriting Agreement.

- 3.1 [Amended and Restated Certificate of Incorporation of the Company \(incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K \(File No. 001-37917\), filed with the SEC on November 16, 2016\).](#)
- 3.2 [Amended and Restated Bylaws of the Company \(incorporated by reference to Exhibit 3.2 to the Company's Current Report on Form 8-K \(File No. 001-37917\), filed with the SEC on November 16, 2016\).](#)
- 3.3 [First Amendment to Amended and Restated Bylaws of the Company \(incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K \(File No. 001-37917\), filed with the SEC on June 9, 2020\).](#)
- 4.1 [Specimen Certificate for shares of common stock, par value \\$0.01 per share, of the Company \(incorporated by reference to Exhibit 4.1 to the Company's Amendment No. 2 to the Registration Statement on Form S-1/A \(File No. 333-213504\), filed with the SEC on October 3, 2016\).](#)
- 4.2 [Description of Securities of the Company \(incorporated by reference to Exhibit 4.1 to the Company's Annual Report on Form 10-K \(File No. 001-37917\), filed with the SEC on March 2, 2020\).](#)
- 4.3 [Registration Rights Agreement, dated October 12, 2016, by and between the Company and Mammoth Energy Holdings, LLC \(incorporated by reference to Exhibit 4.1 to the Company's Current Report on Form 8-K \(File No. 001-37917\), filed with the SEC on November 16, 2016\).](#)
- 5.1* [Opinion of Akin Gump Strauss Hauer & Feld LLP as to the legality of the securities being registered.](#)
- 23.1* [Consent of Akin Gump Strauss Hauer & Feld LLP \(included in Exhibit 5.1\).](#)
- 23.2* [Consent of Grant Thornton LLP.](#)
- 23.3* [Consent of John T. Boyd Company.](#)
- 24.1* [Power of Attorney \(included on the signature page of this Registration Statement\).](#)
- 107* [Calculation of Filing Fee Table.](#)
- + To be filed as an exhibit to a Current Report on Form 8-K of the registrant in connection with a specific offering.
- * Filed herewith.

(B) Financial Statement Schedules.

All schedules are omitted because the required information is (i) not applicable, (ii) not present in amounts sufficient to require submission of the schedule or (iii) included in our financial statements and the accompanying notes included in the prospectus to this Registration Statement.

Item 17. Undertakings.

(a) The undersigned registrant hereby undertakes:

- (1) to file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

- (i) to include any prospectus required by Section 10(a)(3) of the Securities Act;
- (ii) to reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) under the Securities Act if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;
- (iii) to include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement;

provided, however, that subparagraphs (i), (ii) and (iii) do not apply if the information required to be included in a post-effective amendment by those subparagraphs is contained in periodic reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) of the Securities Act that is part of this registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered herein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) That, for the purpose of determining liability under the Securities Act to any purchaser:

- (i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
 - (ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date; or
- (5) That, for the purpose of determining liability of the registrant under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:
- (i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
 - (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
 - (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
 - (iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.
- (b) The undersigned registrant hereby undertakes that, for the purpose of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant, pursuant to the foregoing provisions or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or

proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Oklahoma City, Oklahoma, on June 13, 2024.

MAMMOTH ENERGY SERVICES, INC.

By: /s/ Arty Straehla
Arty Straehla
Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENT, that each person whose signature appears below constitutes and appoints Arty Straehla and Mark Layton, and each of them, his true and lawful attorney-in-fact and agents, with full power of substitution and resubstitution, from such person and in each person's name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to the Registration Statement, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission and to sign and file any other registration statement for the same offering that is to be effective upon filing pursuant to Rule 462(b) under the Securities Act of 1933, as amended, granting unto said attorneys-in-fact and agents, full power and authority to do and perform each and every act and thing requisite and necessary to be done as fully to all said attorneys-in-fact and agents, or any of them, may lawfully do or cause to be done by virtue thereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons on the dates and in the capacities indicated.

Signature	Title	Date
<u>/s/ Arty Straehla</u> Arty Straehla	Chief Executive Officer (principal executive officer) and Director	June 13, 2024
<u>/s/ Mark Layton</u> Mark Layton	Chief Financial Officer (principal financial and accounting officer)	June 13, 2024
<u>/s/ Arthur Amron</u> Arthur Amron	Director (Chairman of the Board)	June 13, 2024
<u>/s/ Corey Booker</u> Corey Booker	Director	June 13, 2024
<u>/s/ Paul Jacobi</u> Paul Jacobi	Director	June 13, 2024
<u>/s/ James D. Palm</u> James D. Palm	Director	June 13, 2024
<u>/s/ Arthur Smith</u> Arthur Smith	Director	June 13, 2024

Calculation of Filing Fee Tables

Form S-3
(Form Type)Mammoth Energy Services, Inc.
(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered and Carry Forward Securities

Security Type	Security Class Title	Fee Calculation or Carry Forward Rule	Amount Registered(1)(4) (5)	Proposed Maximum Offering Price Per Unit(2)	Maximum Aggregate Offering Price(3)	Fee Rate	Amount of Registration Fee	Carry Forward Form Type	Carry Forward File Number	Carry Forward Initial Effective Date	Filing Fee Previously Paid in Connection with Unsold Securities to be Carried Forward
Newly Registered Securities											
Fees to Be Paid	Equity	Common Stock, par value \$0.01	457(c)	350,473(4)	\$3.58(4)	\$1,254,693	\$0.00014760	\$185.19(4)			
Fees Previously Paid	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Carry Forward Securities											
Carry Forward Securities					\$500,000,000 (1)(3)			Form S-3			
	Equity	Common Stock, par value \$0.01	415(a)(6)	(1)	(2)				333-257186	July 12, 2021	\$54,550 (1)
	Equity	Common Stock, par value \$0.01	415(a)(6)	23,176,688 (5)		\$87,376,114 (5)		Form S-3	333-257186	July 12, 2021	\$9,532.73 (5)
	Total Offering Amounts					\$588,630,807		\$185.19			
	Total Fees Previously Paid										
	Total Fee Offsets										
	Net Fee Due										
											\$185.19

- (1) There is being registered hereunder an indeterminate number of shares of common stock as may be sold, from time to time, by Mammoth Energy Services, Inc. in a primary offering in such amounts as shall result in an aggregate offering price not to exceed \$500,000,000. An indeterminate amount of common stock having a proposed maximum aggregate offering price of \$500,000,000 that was registered by the registrant pursuant to the Registration Statement on Form S-3 (File No. 333-257186) (filed on June 21, 2021, declared effective by the Securities and Exchange Commission (the "SEC") on July 12, 2021 and expiring on July 12, 2024 (the "Prior Registration Statement")) remains unissued and unsold under the Prior Registration Statement. All of such unissued and unsold securities are included in this Registration Statement pursuant to Rule 415(a)(6) under the Securities Act of 1933, as amended (the "Securities Act"). An aggregate of \$54,550 in filing fees previously paid in connection with such unissued and unsold securities under the Prior Registration Statement will continue to apply to such unissued and unsold securities included in this Registration Statement. The offering of such unissued and unsold securities registered under the Prior Registration Statement shall be deemed terminated as of the effective date of this Registration Statement. Pursuant to Rule 416 under the Securities Act, this Registration Statement shall also cover any additional securities to be offered or issued from stock splits, stock dividends, recapitalizations or similar transactions.
- (2) With respect to the primary offering, the proposed maximum offering price per share of common stock is not specified pursuant to General Instruction II.D of Form S-3.
- (3) With respect to the primary offering, in no event will the aggregate initial offering price of shares of common stock offered from time to time pursuant to this Registration Statement exceed \$500,000,000. With respect to common stock to be offered for sale by the registrant in the primary offering, the proposed maximum aggregate offering price has been estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(o) under the Securities Act.
- (4) With respect to shares of the registrant's common stock to be offered for resale by the selling stockholders in the secondary offering as newly registered securities, the proposed maximum aggregate offering price has been estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(c) under the Securities Act based on the average of the high and low prices reported for the registrant's common stock traded on The Nasdaq Global Select Market on June 11, 2024 of \$3.58 per share.
- (5) In the secondary offering, there is being registered an aggregate of 23,527,161 shares of common stock of the registrant to be offered for resale by certain selling stockholder identified in this Registration Statement and related prospectus. Of these securities, an aggregate of

23,176,688 shares of common stock are carry forward securities that remain unsold by the selling stockholders under the Prior Registration Statement and are included in this Registration Statement pursuant to Rule 415(a)(6). An amount of \$9,532.73 in filing fees previously paid in connection with such unsold shares under the Prior Registration Statement will continue to apply to such unsold shares included in this Registration Statement. The offering of such unsold shares registered under the Prior Registration Statement shall be deemed terminated as of the effective date of this Registration Statement. An additional 350,473 new shares of common stock may be offered for resale by the selling stockholders identified in this Registration Statement and related prospectus in the secondary offering (as newly registered securities) upon effectiveness of this Registration Statement, for which a new filing fee has been paid (calculated as described in note 4 above) by the registrant in connection with the filing of this Registration Statement. Pursuant to Rule 416 under the Securities Act, the number of shares of common stock that may be sold in the secondary offering by the selling stockholders hereunder also includes such indeterminate number of shares of common stock as may be issuable with respect to such shares as a result of stock splits, stock dividends, recapitalizations or similar transactions.

June 13, 2024

Mammoth Energy Services, Inc.
14201 Caliber Drive, Suite 300
Oklahoma City, Oklahoma 73134

Re: Mammoth Energy Services, Inc.
Registration Statement on Form S-3

Ladies and Gentlemen:

We have acted as counsel to Mammoth Energy Services, Inc., a Delaware corporation (the “**Company**”), in connection with the registration, pursuant to a registration statement on Form S-3 (the “**Registration Statement**”), filed with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the “**Act**”), relating to the offer and sale from time to time, as set forth in the Registration Statement, the form of prospectus contained therein (the “**Prospectus**”) and, to the extent applicable, one or more supplements to the Prospectus (each, a “**Prospectus Supplement**”), on the terms to be determined at the time of each offering, (i) by the Company of up to \$500,000,000 aggregate amount of shares (the “**Primary Shares**”) of the Company’s common stock, par value \$0.01 per share (the “**Common Stock**”), and (ii) by the selling stockholders identified in the Registration Statement or any other selling stockholders to be identified in one or more Prospectus Supplements (the “**Selling Stockholders**”) of up to an aggregate of 23,527,161 shares of Common Stock (the “**Secondary Shares**”), of which Secondary Shares (A) an aggregate of 23,499,305 shares of Common Stock have been issued and are outstanding as of the date hereof (the “**Issued Secondary Shares**”) and (B) up to an aggregate of 27,856 shares of Common Stock that will be issued by the Company to certain of the Selling Stockholders upon vesting and settlement of the outstanding restricted stock units awards (“**RSUs**”) held by certain of the Selling Stockholders as of the date hereof, which RSUs were granted under the Company’s 2024 Equity Incentive Plan (the “**Plan**”), and the applicable award agreements (the “**RSU Secondary Shares**”). The Primary Shares and the Secondary Shares are collectively referred to in this letter as the “**Shares**.” This letter is being furnished at the request of the Company and in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Act.

We have examined originals or certified copies of such corporate records of the Company and other certificates and documents of officials of the Company and public officials and others as we have deemed appropriate for purposes of this letter. We have assumed the genuineness of all signatures, the legal capacity of all natural persons, the authenticity of all documents submitted to us as originals, and the conformity to authentic original documents of all copies submitted to us as conformed, certified or reproduced copies. We have also assumed the existence and entity power of each party to any document referred to herein other than the Company and that, upon sale and delivery of the Primary Shares and vesting and settlement or sale and delivery of the RSU Secondary Shares, the certificates for such Shares will conform to the specimen thereof incorporated by reference as an exhibit to the Registration Statement and will have been duly countersigned by the transfer agent and duly registered by the registrar for the Common Stock or, if uncertificated, valid book-entry notations for the issuance of the Primary Shares and the RSU Secondary Shares in uncertificated form will have been duly made in the share register of the

Company. As to various questions of fact relevant to this letter, we have relied, without independent investigation, upon certificates of public officials and certificates of officers of the Company, all of which we assume to be true, correct and complete.

Based upon the foregoing, and subject to the assumptions, exceptions, qualifications and limitations set forth hereinafter, we are of the opinion that:

1. With respect to the Shares constituting Primary Shares, when (i) the Company has taken all necessary action to authorize and approve the issuance of such Primary Shares, the terms of the offering thereof and related matters, (ii) the applicable definitive underwriting, purchase or other agreement providing for the issuance and sale thereof by the Company has been duly executed and delivered and (iii) such Primary Shares have been duly issued and delivered by the Company in accordance with the terms of such agreement against payment (or delivery) of the consideration payable therefor as determined by the Board of Directors of the Company or any duly authorized committee thereof (the “**Board**”) and as provided for in such agreement, such Primary Shares will be duly authorized, validly issued, fully paid and non-assessable.

2. The Issued Secondary Shares have been duly authorized and validly issued and are fully paid and non-assessable.

3. With respect to the Shares constituting the RSU Secondary Shares, when the RSU Secondary Shares have been issued and delivered upon payment therefor in accordance with the terms of the Plan, the Company’s certificate of incorporation and bylaws, as they may be amended from time to time, and the applicable award agreements, the RSU Secondary Shares will be duly authorized, validly issued, fully paid and non-assessable.

The opinions and other matters in this letter are qualified in their entirety and subject to the following:

(A) We have assumed that, in the case of each offer and sale of Primary Shares: (i) at the time of the issuance of such Shares, the Company (a) will validly exist and be duly qualified and in good standing under the laws of its jurisdiction of incorporation, and (b) will have the necessary corporate power and due authorization, and the certificate of incorporation and bylaws of the Company will be in full force and effect and will not have been amended, restated, supplemented or otherwise altered, and there will have been no authorization of any such amendment, restatement, supplement or other alteration, since the date hereof; (ii) the issuance and sale of such Shares will have been established in conformity with and so as not to violate, or result in a default under or breach of, the certificate of incorporation and bylaws of the Company, and so as not to violate, or result in a default under or breach of any applicable law, regulation or administrative order or any agreement or instrument binding upon the Company and so as to comply with any requirement or restriction imposed by any court or governmental or regulatory body (including any securities exchange on which the Company’s securities are listed for trading) having jurisdiction over the Company; (iii) sufficient shares of Common Stock will be authorized for the issuance of such Shares under the certificate of incorporation of the Company that have not otherwise been issued or reserved or otherwise committed for issuance; and (iv) the consideration for the issuance and sale of such Shares established by the Board and provided for in the applicable definitive purchase, underwriting or similar agreement will not be less than the par value of the Common Stock.

(B) We have assumed that, with respect to the Shares constituting the RSU Secondary Shares, (i) each RSU award agreement setting forth the terms of each RSU award granted pursuant to the Plan is consistent with the Plan and has been duly authorized and validly executed and delivered by the parties thereto, (ii) at the time of each issuance of the RSU Secondary Shares, there will be sufficient shares of Common Stock authorized for issuance under the Company's certificate of incorporation that have not otherwise been issued or reserved or committed for issuance, and (iii) the consideration per share for the RSU Secondary Shares issued pursuant to the Plan and the applicable award agreements is not less than the par value of the RSU Secondary Shares.

(C) We express no opinion as to the laws of any jurisdiction other than the Delaware General Corporation Law.

(D) This letter is limited to the matters expressly stated herein and no opinion is to be inferred or implied beyond the opinion expressly set forth herein. We undertake no, and hereby disclaim any, obligation to make any inquiry after the date hereof or to advise you of any changes in any matter set forth herein, whether based on a change in the law, a change in any fact relating to the Company or any other person or entity or any other circumstance.

We hereby consent to the filing of this letter as an exhibit to the Registration Statement and to the use of our name in the Prospectus forming a part of the Registration Statement under the caption "Legal Matters." In giving this consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Act and the rules and regulations thereunder.

Very truly yours,

/s/ Akin Gump Strauss Hauer & Feld LLP

AKIN GUMP STRAUSS HAUER & FELD LLP

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We have issued our reports dated March 1, 2024 with respect to the consolidated financial statements and internal control over financial reporting of Mammoth Energy Services, Inc. included in the Annual Report on Form 10-K for the year ended December 31, 2023, which are incorporated by reference in this Registration Statement. We consent to the incorporation by reference of the aforementioned reports in this Registration Statement, and to the use of our name as it appears under the caption "Experts."

/s/ GRANT THORNTON LLP

Oklahoma City, Oklahoma
June 13, 2024

CONSENT OF JOHN T. BOYD COMPANY

The undersigned hereby consents to the incorporation by reference in this Registration Statement on Form S-3 of Mammoth Energy Services, Inc. (the “Company”) and any amendment thereto, any related prospectus and any related prospectus supplement (the “Registration Statement”), of information relating to our technical report summary titled “Technical Report Summary, Frac Sand Resources and Reserves, Piranha and Taylor Mines” dated February 28, 2022 and related supplements thereto, including information contained in the Company’s Annual Report on Form 10-K for the year ended December 31, 2023, which report is incorporated by reference in the Registration Statement. We also consent to all references to us contained in the Registration Statement, including in the prospectus and any related prospectus supplement, under the heading “Experts,” with respect to our status as an expert or “qualified person” (as defined in Subpart 1300 of Regulation S-K promulgated by the Securities and Exchange Commission).

Respectfully submitted,

JOHN T. BOYD COMPANY

By: /s/ Ronald L. Lewis

Name: Ronald L. Lewis

Title: Managing Director and COO

June 13, 2024