

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2023 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____ ☐ the first return/report ☐ the final return/report ☒ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 01/15/2013
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) LIBERTY OILFIELD SERVICES, LLC 950 17TH STREET SUITE 2400 DENVER, CO 80202-2801
2b	Employer Identification Number (EIN) 45-3073116
2c	Plan Sponsor's telephone number 303-515-2800
2d	Business code (see instructions) 213110

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	09/16/2024	TRACEE QUINNELL
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	09/16/2024	TRACEE QUINNELL
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 5520
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 4551 6a(2) 4972 6b 0 6c 713 6d 5685 6e 8 6f 5693 6g(1) 5080 6g(2) 5604 6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2E 2F 2G 2J 2K 2S 2T 3D

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1)** ☒ **R** (Retirement Plan Information)
- (2)** ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3)** ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary
- (4)** ☐ **DCG** (Individual Plan Information) – Number Attached 0
- (5)** ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☒ **A** (Insurance Information) – Number Attached 1
- (4)** ☒ **C** (Service Provider Information)
- (5)** ☒ **D** (DFE/Participating Plan Information)
- (6)** ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2023 Form M-1 annual report. If the plan was not required to file the 2023 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan	B Three-digit plan number (PN)	001
LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN		
C Plan sponsor's name as shown on line 2a of Form 5500	D Employer Identification Number (EIN)	
LIBERTY OILFIELD SERVICES, LLC		
45-3073116		

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier

PRINCIPAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
42-0127290	61271	813112	5693	01/01/2023	12/31/2023

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	0
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	916838

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier**6b****c** Premiums due but unpaid at the end of the year.....**6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.**6d**

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**a** Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee(3) ☐ guaranteed investment (4) ☐ other ▶**b** Balance at the end of the previous year**7b****c** Additions: (1) Contributions deposited during the year**7c(1)**

(2) Dividends and credits

7c(2)

(3) Interest credited during the year

7c(3)

(4) Transferred from separate account.....

7c(4)

(5) Other (specify below)

7c(5)

▶

(6) Total additions.....

7c(6)**d** Total of balance and additions (add lines **7b** and **7c(6)**)**7d****e** Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year

7e(1)

(2) Administration charge made by carrier

7e(2)

(3) Transferred to separate account.....

7e(3)

(4) Other (specify below)

7e(4)

▶

(5) Total deductions.....

7e(5)**f** Balance at the end of the current year (subtract line **7e(5)** from line **7d**)**7f****0**

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A?..... ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 LIBERTY OILFIELD SERVICES, LLC	D Employer Identification Number (EIN) 45-3073116	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☒ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
PRINCIPAL LIFE INSURANCE COMPANY
42-0127290

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
--

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 37 50 64	CONTRACT ADMINISTRATOR	287599	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

MORNINGSTAR INVESTMENT MANAGEMENT L

36-4317381

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
26 70	INV ADV, PARTICIPANTS	0	Yes ☒ No ☐	Yes ☐ No ☒	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MORNINGSTAR INVESTMENT MANAGEMENT L	26 70	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	14 BASIS POINTS ON ASSETS MANAGED BY MORNINGSTAR INVESTMENT MANAGEMENT LLC	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning **01/01/2023** and ending **12/31/2023**

A Name of plan LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 LIBERTY OILFIELD SERVICES, LLC	D Employer Identification Number (EIN) 45-3073116	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN REAL ESTATE SECS SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-095	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 916838
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2010 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2015 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-002	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 636592
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2020 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-003	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 829954
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2025 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-004	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3885705
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2030 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-005	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 8681132
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HB 2035 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-006	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 16776763

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HB 2040 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-007	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 20903470
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HB 2045 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-008	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 27833500
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HY 2050 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-009	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 38248889
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HY 2055 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-010	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 35315356
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HY INC CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-011	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 694721
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HY 2060 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-012	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 19721682
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HY 2065 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-013	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5092167
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2070 CIT X		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-014	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 238615
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs, other than DCGs)

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 LIBERTY OILFIELD SERVICES, LLC		
		D Employer Identification Number (EIN) 45-3073116

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	425350	311637
(2) Participant contributions	1b(2)	864	
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	6821761	13202950
(9) Value of interest in common/collective trusts	1c(9)	113155922	178858547
(10) Value of interest in pooled separate accounts	1c(10)	678144	916838
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	34565869	50150281
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	1327602	1727196
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	156975512	245167449
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	156975512	245167449

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	32340036	
(B) Participants	2a(1)(B)	37763583	
(C) Others (including rollovers)	2a(1)(C)	3762133	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		73865752
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	682009	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		682009
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	21301	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	823264	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		844565
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	860026	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	853290	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		6736
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	254833	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		25738553
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		107199
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		6568690
c Other income	2c		-1049
d Total income. Add all income amounts in column (b) and enter total	2d		108067288

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	19585322	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		19585322
f Corrective distributions (see instructions)	2f		2430
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)	287599	
(3) Recordkeeping fees.....	2i(3)		
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		287599
j Total expenses. Add all expense amounts in column (b) and enter total	2j		19875351

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		88191937
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☐ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☒ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: **PLANTE MORAN**

(2) EIN: **38-1357951**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		☒	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		☒	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		☒	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		☒	
e Was this plan covered by a fidelity bond?	☒		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		☒	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)		☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
--	--	---

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN	B Three-digit plan number (PN) 001	
C Plan sponsor's name as shown on line 2a of Form 5500 LIBERTY OILFIELD SERVICES, LLC	D Employer Identification Number (EIN) 45-3073116	

Part I	Distributions
--------	---------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 42-0127290 Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
---------	--

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? If the plan is a defined benefit plan, go to line 8.	☐ Yes ☐ No ☐ N/A
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.	
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a
b Enter the amount contributed by the employer to the plan for this plan year	6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c
If you completed line 6c, skip lines 8 and 9.	
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes ☐ No ☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes ☐ No ☐ N/A

Part III	Amendments
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9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.	☐ Increase ☐ Decrease ☐ Both ☐ No
---	--

Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
---------	--

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes ☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes ☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes ☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes ☐ No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for: a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment) b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14a 14b 14c	
15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to: a The corresponding number for the plan year immediately preceding the current plan year b The corresponding number for the second preceding plan year	15a 15b	
16 Information with respect to any employers who withdrew from the plan during the preceding plan year: a Enter the number of employers who withdrew during the preceding plan year b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16a 16b	
17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
----------------	---

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐	
19 If the total number of participants is 1,000 or more, complete lines (a) and (b): a Enter the percentage of plan assets held as: Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____% High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____% b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets: ☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more	
20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20. a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box: ☐ Yes. ☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date. ☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date. ☐ No. Other. Provide explanation: _____	

Part VII	IRS Compliance Questions
-----------------	---------------------------------

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No 21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2). ☒ Design-based safe harbor method ☐ "Prior year" ADP test ☒ "Current year" ADP test ☐ N/A	
22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter <u>06 / 30 / 2020</u> (MM/DD/YYYY) and the Opinion Letter serial number <u>Q702477A</u> .	

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
FORM 11-K

(Mark One)

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

For the fiscal year ended December 31, 2023

OR

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

Commission file number 001-38081

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

Liberty Oilfield Services 401(k) Savings Plan

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

**Liberty Energy Inc.
950 17th Street, Suite 2400
Denver, Colorado 80202**

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Report of Independent Registered Public Accounting Firm

To the Investment Committee, Plan Administrator and Plan Participants
Liberty Oilfield Services 401(k) Savings Plan

Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits of the Liberty Oilfield Services 401(k) Savings Plan (the "Plan") as of December 31, 2023 and 2022; the related statement of changes in net assets available for benefits for the year ended December 31, 2023; and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the net assets of the Plan as of December 31, 2023 and 2022 and the changes in its net assets for the year ended December 31, 2023 in conformity with accounting principles generally accepted in the United States of America.

Basis of Opinion

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

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

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

Supplemental Information

The supplemental information in the accompanying schedule of assets (held at end of year) as of December 31, 2023 has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental information is the responsibility of the Plan's management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the supplemental information, including its form and content, is presented in conformity with Department of Labor's Rules and Regulations for Reporting under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ Plante & Moran, PLLC

We have served as the Plan's auditor since 2014.

Southfield, Michigan

June 28, 2024

LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN

Statements of Net Assets Available for Benefits

Assets	December 31,	
	2023	2022
Investments, at fair value		
Liberty Energy Inc. common stock fund	\$ 1,727,196	\$ 1,327,602
Common/collective trusts	178,858,547	113,155,922
Mutual funds	50,150,281	34,565,869
Pooled separate account	916,838	678,144
Total investments, at fair value	231,652,862	149,727,537
Receivables		
Participant notes receivable	13,202,950	6,821,761
Employer contribution	311,637	425,350
Employee contribution	—	864
Total receivables	13,514,587	7,247,975
Net assets available for benefits	<u>\$ 245,167,449</u>	<u>\$ 156,975,512</u>

See Notes to Financial Statements

LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN

Statement of Changes in Net Assets Available for Benefits

	Year Ended December 31, 2023
Additions to net assets	
Investment income	
Net appreciation in fair value of investments	\$ 32,676,011
Interest and dividend income	843,516
Total investment income	33,519,527
Interest on participant notes receivable	682,009
Contributions	
Employer	32,340,036
Employee	37,763,583
Rollover	3,762,133
Total contributions	73,865,752
Total additions to net assets, net	108,067,288
Deductions from net assets	
Benefits paid to participants	19,587,752
Administrative fees	287,599
Total deductions from net assets	19,875,351
Net increase	\$ 88,191,937
Net assets available for benefits	
Beginning of year	\$ 156,975,512
End of year	\$ 245,167,449

See Notes to Financial Statements

LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN
Notes to Financial Statements
December 31, 2023

Note 1—Description of the Plan and Significant Accounting Policies

The following description of Liberty Oilfield Services 401(k) Savings Plan (the “Plan”) provides only general information. Participants and all others should refer to the Plan document for a more complete description of the Plan’s provisions.

General

The Plan is a defined contribution plan established January 15, 2013, as amended. The Plan is available to all employees age 18 years or older upon hire. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”).

An Investment Committee comprised of officers and employees of Liberty Oilfield Services LLC (the “Company”) administers the Plan. Principal Trust Company (“Principal”) serves as the third-party administrator, recordkeeper, custodian, and trustee; manages Plan assets; and maintains the Plan’s records. Principal offers Plan participants a variety of investment options through various funds in accordance with provisions of the service and trust agreements with the Company. Individual accounts are invested in the various investment options at the direction of the participants.

Basis of Presentation

The accompanying financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America.

Contributions

Participants may make before-tax or Roth contributions up to 100% of their annual eligible compensation, as limited by the Internal Revenue Service (“IRS”), which is adjusted annually by the Secretary of the Treasury for inflation. This maximum percentage may be reduced by the Plan administrator in certain circumstances. Eligible employees who have reached age 50 during the Plan year may elect to make catch-up contributions, as limited by the IRS. The Plan also permits rollover contributions from other qualified retirement plans. Employee contributions to the Plan are made through regular payroll deductions.

The Company makes discretionary matching contributions of 100% of elective deferrals up to 6% of annual eligible compensation. Matching contributions are funded each pay period. The Company has the right to designate all or a portion of the matching contributions as qualified. To the extent matching contributions are so designated, they are non-forfeitable and may not be withdrawn from the Plan prior to separation from service or attainment of age 59½. Discretionary matching contributions made by the Company totaled \$32,340,036 for the year ended December 31, 2023.

Once eligibility requirements are met, employees are automatically enrolled in the Plan, and 6% of each employee’s annual eligible compensation is automatically withheld and contributed to the Plan unless the employee makes another election.

The Company may make discretionary or profit-sharing contributions. There were no other discretionary or profit-sharing contributions made for the year ended December 31, 2023.

Participants’ Accounts

Each participant’s account is credited or debited with the participant’s contributions and withdrawals, as applicable, and an allocation of the Company’s contributions, Plan earnings or losses and Plan expenses. Allocations are based upon Plan earnings or losses and account balances, as defined by the Plan. The benefit to which a participant is entitled is the vested portion of the participant’s account.

Vesting

Participants are vested immediately in their contributions, qualified employer contributions, employer discretionary matching contributions, and employer profit-sharing contributions plus actual earnings, less losses thereon.

LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN
Notes to Financial Statements
December 31, 2023

Participant Notes Receivable

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balances. Participants may have a maximum of one loan outstanding at any given time. The notes receivable are secured by the balances in the participants' accounts and bear interest at *The Wall Street Journal* prime rate plus 1.00%, which is commensurate with local prevailing rates as determined quarterly by the Plan administrator at loan origination. Notes receivable have a maximum term of five years, unless such loan is for the purchase of the participant's primary residence, in which case the repayment period may not exceed thirty years from the date of the loan origination. Principal and interest are paid ratably through payroll deductions. Participant notes receivable are recorded in the financial statements at amortized cost (which represents unpaid principal plus accrued interest). Upon termination of a participant from employment, the participant's loan shall continue to be payable in accordance with the provisions of the participant's loan or be due in full.

Payment of Benefits

Upon death, disability, retirement, or termination of service, a participant may receive a lump sum payment in the amount equal to the participant's vested account balance within a reasonable period of time after termination of employment upon election by the participant. Accounts with balances less than \$5,000 may be immediately distributed upon a distribution event. If the participant's total vested balance is greater than \$5,000, the participant may elect not to receive a distribution until required by law to receive required minimum distributions. The Plan allows hardship withdrawals in the event of undue financial hardship. Such withdrawal is limited to the participants' pre-tax or Roth elective deferral contributions and earnings thereon. Benefits are recorded as distributions to participants when paid.

Valuation of Investments and Income Recognition

Investments are recorded at fair value as reported to the Plan by the trustee. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 2 for discussion of fair value measurements.

The net realized and unrealized investment gain or loss (net appreciation or depreciation in fair value of investments) is reflected on the accompanying statement of changes in net assets available for benefits and is determined as the difference between fair value at the beginning of the year (or date purchased if during the year) and selling price (if sold during the year) or year-end fair value. Purchases and sales of investments are recorded on a trade-date basis. Interest income is recognized on the accrual basis. Dividends are recognized on the ex-dividend date.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes in net assets available for benefits and disclosures. Accordingly, actual results could differ from those estimates.

Risks, Uncertainties, and Concentrations

The Plan provides for various investments that, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility risks. Due to the level of risk associated with certain investments, it is reasonably possible that changes in the value of investments will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported on the statements of net assets available for benefits.

Additionally, some investments held by Principal are invested in the securities of foreign companies, which involve special risks and considerations not typically associated with investing in companies in the United States of America. These risks include devaluation of currencies, less reliable information about issuers, different securities transaction clearance and settlement practices, and possible adverse political and economic developments. Moreover, securities of many foreign companies and their markets may be less liquid and their prices more volatile than those of securities of comparable U.S. companies.

Note 2—Fair Value Accounting

Generally accepted accounting principles require disclosure about how fair value is determined and establish a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the

LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN
Notes to Financial Statements
December 31, 2023

highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets.

Level 2: Inputs to the valuation methodology include quoted prices for similar assets and liabilities in active markets and inputs that are observable for the asset or liability, either directly or indirectly, for substantially the full term of the financial instrument.

Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

A financial instrument's level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement.

The following tables set forth by level, within the fair value hierarchy, the Plan's investments measured at fair value on a recurring basis.

As of December 31, 2023:

Description	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 50,150,281	\$ —	\$ —	\$ 50,150,281
Common stock	1,727,196	—	—	1,727,196
Total	51,877,477	—	—	51,877,477

Investments measured at net asset value*	\$ 179,775,385
Total investments at fair value	<u>\$ 231,652,862</u>

As of December 31, 2022:

Description	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 34,565,869	\$ —	\$ —	\$ 34,565,869
Common stock	1,327,602	—	—	1,327,602
Total	35,893,471	—	—	35,893,471

Investments measured at net asset value*	\$ 113,834,066
Total investments at fair value	<u>\$ 149,727,537</u>

*Investments measured at net asset value ("NAV") have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation to total investments at fair value.

The valuation technique used to measure the fair value of the mutual funds and common stock was based on quoted prices in active markets for identical assets that the Plan has the ability to access at the measurement date (market approach).

There were no changes to the valuation techniques used during the period.

Reported Net Asset Values

The Plan's investments in a pooled separate account and common/collective trusts had a value of \$179,775,385 and \$113,834,066 as of December 31, 2023 and 2022, respectively, determined based upon the NAV of the underlying assets and securities, the majority of which have observable Level 1 pricing inputs, including publicly quoted prices and quoted prices for similar assets in active or non-active markets (market approach). The NAV is used as a practical expedient to approximate fair value. The NAV investments have no unfunded commitments, can be redeemed daily, and have daily redemption notice periods.

LIBERTY OILFIELD SERVICES 401(K) SAVINGS PLAN
Notes to Financial Statements
December 31, 2023

Note 3—Income Taxes

The Plan did not obtain a plan-specific determination letter, as it operates under the opinion letter issued to Principal Life Insurance Company, which was issued on the basic Plan document dated June 30, 2020. The Plan has been subsequently amended. The Plan administrator believes that the Plan continues to be operated and administered in compliance with the applicable requirements of the Internal Revenue Code.

Generally accepted accounting principles require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

Note 4—Administration of the Plan

The Company provides, at no cost to the Plan, certain administrative, accounting, and legal services to the Plan and also pays the cost of certain outside services for the Plan.

Note 5—Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to terminate the Plan subject to the provisions of ERISA. If the Plan is terminated for any reason, all participants become 100% vested, and the Plan administrator is to distribute each participant's interest to the participant or the participant's beneficiary.

Note 6—Related Party and Party-in-Interest Transactions

Certain Plan investments are managed by Principal. Principal is the asset trustee, as defined by the Plan; therefore, these transactions qualify as party-in-interest and are exempt from the prohibited transaction rules. In addition, the Plan provides for notes to participants, which are also party-in-interest transactions that are exempt from the prohibited transaction rules.

The Plan holds shares of Liberty Energy Inc. Common Stock. At December 31, 2023 and 2022, the Plan held 95,215 and 82,923 shares, respectively, of Liberty Energy Inc. Common Stock with a fair value of \$1,727,196 and \$1,327,602, respectively. For the year ended December 31, 2023, 66,506 shares of Liberty Energy Inc. Common Stock were purchased for \$1,015,614 and 54,214 shares were sold for \$877,590.

SUPPLEMENTAL SCHEDULE

Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year)
As of December 31, 2023

Employer Identification Number - 45-3073116
Plan Number - 001

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment, Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	(e) Current Value
Mutual funds			
	Fidelity	500 Index	\$ 10,532,849
	Fidelity	Large-Cap Growth Index	9,546,203
	T. Rowe Price	New Horizons	3,252,384
	Hartford	International Opportunities	3,101,648
	Fidelity	Mid-Cap Index	2,815,767
	Goldman Sachs	Financial Square Treasury Solutions	2,688,609
	Vanguard	Small-Cap Value Index	1,971,881
	Fidelity	Small-Cap Index	1,936,005
	Vanguard	Wellington	1,849,290
	MFS	Value	1,780,981
	Fidelity	Energy	1,721,811
	Vanguard	Short-Term Federal	1,606,104
	MassMutual	Mid-Cap Growth Institutional	1,542,508
	American Funds	New World	1,500,179
	Victory	Sycamore Established Value	1,198,313
	Victory	Core Plus Intermediate Bond	1,134,178
	American Century	Inflation-Adjusted Bond	756,046
	PGIM	High Yield	706,155
	American Funds	U.S. Government Securities	509,370
	Total mutual funds		\$ 50,150,281
Common/collective investment trusts			
*	Principal	Target 2050 Fund	\$ 38,248,889
*	Principal	Target 2055 Fund	35,315,357
*	Principal	Target 2045 Fund	27,833,500
*	Principal	Target 2040 Fund	20,903,470
*	Principal	Target 2060 Fund	19,721,682
*	Principal	Target 2035 Fund	16,776,763
*	Principal	Target 2030 Fund	8,681,132
*	Principal	Target 2065 Fund	5,092,167
*	Principal	Target 2025 Fund	3,885,705
*	Principal	Target 2020 Fund	829,954
*	Principal	Income Fund	694,721
*	Principal	Target 2015 Fund	636,592
*	Principal	Target 2070 Fund	238,615
	Total common/collective investment trusts		\$ 178,858,547

(Continued from the previous page)

Pooled separate account			
*	Principal	Real Estate Securities Separate Account	\$ 916,838
Total pooled separate account			916,838
Common stock			
*	Liberty Energy Inc.	Liberty Energy Inc.	1,727,196
Total common stock			1,727,196
*	Participant notes receivable	Participant notes receivable, interest rate of 4.25% to 9.50%, collateralized by participants' vested account balances	13,202,950
			\$ 244,855,812

* Party-in-interest

INDEX TO EXHIBITS

Exhibit No.	Description
23.1	Consent of Plante & Moran, PLLC *

* Filed herewith.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the plan administrator has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

LIBERTY OILFIELD SERVICES 401(k) Savings Plan

Date: June 28, 2024

By:

/s/ Michael Stock

Michael Stock

*Chief Financial Officer of Liberty Oilfield Services LLC and Member of
Investment Committee*

Independent Auditor's Report

To the Investment Committee, Plan Administrator,
and Plan Participants
Liberty Oilfield Services 401(k) Savings Plan

Opinion

We have audited the financial statements of Liberty Oilfield Services 401(k) Savings Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2023 and 2022 and the related statement of changes in net assets available for benefits for the year ended December 31, 2023, and the related notes to the financial statements.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2023 and 2022 and the changes in net assets available for benefits for the year ended December 31, 2023 in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audits of the Financial Statements* section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments; administering the Plan; and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or that may become due to such participants.

Auditor's Responsibilities for the Audits of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and, therefore, is not a guarantee that audits conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

To the Investment Committee, Plan Administrator,
and Plan Participants
Liberty Oilfield Services 401(k) Savings Plan

In performing audits in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audits.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audits in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audits, significant audit findings, and certain internal control-related matters that we identified during the audits.

Supplemental Schedule Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedule of assets (held at end of year) as of December 31, 2023 is presented for the purpose of additional analysis and is not a required part of the financial statements but is supplemental information required by the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of the Plan's management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying schedule is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Plante & Moran, PLLC

Southfield, Michigan
June 28, 2024

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

L O S 401() S P

EIN 45 3073116
 PLAN NUMBER 001
 PLAN YEAR 01/01/2023 TO 12/31/2023

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
	American Century Investments	Registered Investment Company Am Cent Infla Adj Bond R6 Fd	\$ 0.00	\$ 756,045.88
	The American Funds	Registered Investment Company American Fds US Govt Sec R6 Fd	\$ 0.00	\$ 509,369.91
	The American Funds	Registered Investment Company AMERICAN FUNDS NEWORLD R6	\$ 0.00	\$ 1,500,179.48
	Fidelity Investments	Registered Investment Company Fid LC Gr Index Fund	\$ 0.00	\$ 9,546,202.70
	Fidelity Investments	Registered Investment Company Fidelity Mid Cp Index Fund	\$ 0.00	\$ 2,815,767.13
	Fidelity Investments	Registered Investment Company Fidelity Sm Cap Index Fund	\$ 0.00	\$ 1,936,005.13
	Fidelity Investments	Registered Investment Company Fidelity 500 Index Fund	\$ 0.00	\$ 10,532,849.50
	Fidelity Investments	Registered Investment Company FIDELITY ADVISOR ENERGY Z FUND	\$ 0.00	\$ 1,721,811.43
	Goldman Sachs	Registered Investment Company GoldSachs Fin Sq Treas Sol Fd	\$ 0.00	\$ 2,688,609.41
	Hartford Mutual Funds	Registered Investment Company HARTFORD INTL OPP R6 FUND	\$ 0.00	\$ 3,101,647.67
*	Liberty Oilfield Services Inc.	Employer Security Liberty Energy Inc	\$ 0.00	\$ 1,727,195.67
	MassMutual Financial Group	Registered Investment Company MassMutual Mid Cap Gr I Fd	\$ 0.00	\$ 1,542,507.89
	MFS Investment Management	Registered Investment Company MFS Value R6 Fund	\$ 0.00	\$ 1,780,981.05
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hy Inc CIT X	\$ 0.00	\$ 694,721.12
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hy 2050 CIT X	\$ 0.00	\$ 38,248,889.23

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

L O S 401() S P

EIN 45 3073116
 PLAN NUMBER 001
 PLAN YEAR 01/01/2023 TO 12/31/2023

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hy 2055 CIT X	\$ 0.00	\$ 35,315,356.48
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hy 2060 CIT X	\$ 0.00	\$ 19,721,682.22
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hy 2065 CIT X	\$ 0.00	\$ 5,092,167.07
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hyb 2015 CIT X	\$ 0.00	\$ 636,592.29
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hyb 2020 CIT X	\$ 0.00	\$ 829,954.33
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hyb 2025 CIT X	\$ 0.00	\$ 3,885,704.64
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hyb 2030 CIT X	\$ 0.00	\$ 8,681,132.17
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime HB 2035 CIT X	\$ 0.00	\$ 16,776,763.17
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime HB 2040 CIT X	\$ 0.00	\$ 20,903,469.76
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime HB 2045 CIT X	\$ 0.00	\$ 27,833,499.96
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Real Estate Secs SA-Z	\$ 0.00	\$ 916,837.80
	PGIM Investments	Registered Investment Company PGIM High Yield R6 Fund	\$ 0.00	\$ 706,155.11
*	Principal Global Investors Trust Co	Common/Collective Trust PRIN LIFETIME HYB 2070 CIT X	\$ 0.00	\$ 238,614.61
	T. Rowe Price Funds	Registered Investment Company T. Rowe Price New Horizon I Fd	\$ 0.00	\$ 3,252,383.74
	Vanguard Group	Registered Investment Company Vanguard Short Term Fed Adm Fd	\$ 0.00	\$ 1,606,103.65

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

L O S 401() S P
EIN 45 3073116
PLAN NUMBER 001
PLAN YEAR 01/01/2023 TO 12/31/2023

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
	Vanguard Group	Registered Investment Company Vanguard Sm Cap Val Idx Adm Fd	\$ 0.00	\$ 1,971,881.03
	Vanguard Group	Registered Investment Company Vanguard Wellington Adm Fund	\$ 0.00	\$ 1,849,289.77
	Victory Funds	Registered Investment Company Victory Sycamore Est Val R6 Fd	\$ 0.00	\$ 1,198,313.17
	Victory Funds	Registered Investment Company VICTORY CORE PL INT BD R6 FD	\$ 0.00	\$ 1,134,177.60
*	Participant Loans	Range of Interest Rates Rates Range From 4.25% To 9.50%	\$ 0.00	\$ 13,202,950.00

