

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
--	---	---

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 PRIMEENERGY CORPORATION EMPLOYEES 401(K) SAVINGS PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 01/01/1989
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) PRIMEENERGY CORPORATION 9821 KATY FREEWAY SUITE #1050 HOUSTON, TX 77024
2b	Employer Identification Number (EIN) 84-0637348
2c	Plan Sponsor's telephone number 713-735-0000
2d	Business code (see instructions) 211120

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.	10/11/2024	BEVERLY A CUMMINGS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	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	5 175
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) 86 6a(2) 87 6b 11 6c 79 6d 177 6e 0 6f 177 6g(1) 149 6g(2) 151 6h 14
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
--	--

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 _____
- (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
--	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan PRIMEENERGY CORPORATION EMPLOYEES 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 PRIMEENERGY CORPORATION	D Employer Identification Number (EIN) 84-0637348	

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.
--------	---	--

1 Coverage Information:

(a) Name of insurance carrier
MASSACHUSETTS MUTUAL 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
04-1590850	65935	781804-01	151	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

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	13069078
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	1333374

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 ▶ **GROUP ANNUITY CONTRACT**

b Balance at the end of the previous year**7b**

13742419

c Additions: (1) Contributions deposited during the year**7c(1)**

420302

(2) Dividends and credits

7c(2)

0

(3) Interest credited during the year

7c(3)

498982

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

7c(4)

494523

(5) Other (specify below)

7c(5)

28173

▶ **LOAN PAYMENTS**

(6) Total additions

7c(6)

1441980

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

15184399

e Deductions:

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

7e(1)

2092769

(2) Administration charge made by carrier

7e(2)

22400

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

7e(3)

152

(4) Other (specify below)

7e(4)

(5) Total deductions

7e(5)

2115321

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

13069078

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)	0
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)	0
(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)	0
(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 PRIMEENERGY CORPORATION EMPLOYEES 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 PRIMEENERGY CORPORATION	D Employer Identification Number (EIN) 84-0637348	

Part I

Service Provider Information (see instructions)

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

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

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

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

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

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

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

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

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

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

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

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

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)

EMPOWER ANNUITY INSURANCE COMPANY O

8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

(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?
64	RECORDKEEPER	42493	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 ☐

(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
(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.	
(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.
---	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan <u>PRIMEENERGY CORPORATION EMPLOYEES 401(K) SAVINGS PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>PRIMEENERGY CORPORATION</u>	D Employer Identification Number (EIN) <u>84-0637348</u>	

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)
--------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: <u>MASSMUTUAL GROWTH OPPS I</u>		
b Name of sponsor of entity listed in (a): <u>MASSMUTUAL</u>		
c EIN-PN <u>90-0779283-000</u>	d Entity code <u>C</u>	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: <u>MASSMUTUAL DIVERSIFIED BOND I</u>		
b Name of sponsor of entity listed in (a): <u>MASSMUTUAL</u>		
c EIN-PN <u>90-0779283-000</u>	d Entity code <u>C</u>	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: <u>VANGUARD SMALL CAP INDEX ADM</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD</u>		
c EIN-PN <u>90-0779283-000</u>	d Entity code <u>C</u>	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: <u>INVESTCO DEVELOPING MARKETS R6</u>		
b Name of sponsor of entity listed in (a): <u>INVESTCO</u>		
c EIN-PN <u>90-0779283-000</u>	d Entity code <u>C</u>	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: <u>VANGUARD 500 INDEX ADMIRAL</u>		
b Name of sponsor of entity listed in (a): <u>VANGUARD</u>		
c EIN-PN <u>90-0779283-000</u>	d Entity code <u>C</u>	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: <u>T. ROWE PRICE NEW HORIZONS I</u>		
b Name of sponsor of entity listed in (a): <u>T. ROWE PRICE</u>		
c EIN-PN <u>90-0779283-000</u>	d Entity code <u>C</u>	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: <u>FIDELITY CONTRAFUND</u>		
b Name of sponsor of entity listed in (a): <u>FIDELITY INVESTMENTS</u>		
c EIN-PN <u>04-1590850-000</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1226252

a Name of MTIA, CCT, PSA, or 103-12 IE: **MASSMUTUAL INFL-PROT AND INC I**

b Name of sponsor of entity listed in (a): **MASSMUTUAL**

c EIN-PN 90-0779283-000	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: **VANGUARD MID CAP INDEX ADMIRAL**

b Name of sponsor of entity listed in (a): **VANGUARD**

c EIN-PN 90-0779283-000	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: **PIMCO LONG-TERM US GOVERNMENT INSTL**

b Name of sponsor of entity listed in (a): **PIMCO**

c EIN-PN 90-0779283-000	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 107122
---------------------------------------	-------------------------------	---

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)
-----------------	----------------------	---

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)
-----------------	----------------------	---

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)
-----------------	----------------------	---

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
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
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
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 PRIMEENERGY CORPORATION EMPLOYEES 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 PRIMEENERGY CORPORATION		
		D Employer Identification Number (EIN) 84-0637348

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	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	47035	0
(2) Participant contributions	1b(2)	0	0
(3) Other	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	0	0
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants)	1c(7)	0	0
(8) Participant loans	1c(8)	197529	196719
(9) Value of interest in common/collective trusts	1c(9)	0	0
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(11) Value of interest in master trust investment accounts	1c(11)	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	12426833	14124744
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	13740205	13066783
(15) Other	1c(15)	0	0

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	26411602	27388246
Liabilities			
g Benefit claims payable	1g	0	0
h Operating payables	1h		
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	0	0
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	26411602	27388246

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)	362849	
(B) Participants	2a(1)(B)	672326	
(C) Others (including rollovers)	2a(1)(C)	0	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1035175
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	0	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	12776	
(F) Other	2b(1)(F)	498899	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		511675
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	400819	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		400819
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	0	
(B) Other	2b(5)(B)	0	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		0
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		1990210
c Other income	2c		0
d Total income. Add all income amounts in column (b) and enter total	2d		3937879

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	2856894	
(2) To insurance carriers for the provision of benefits.....	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		2856894
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		62695
h Interest expense	2h		0
i Administrative expenses:			
(1) Salaries and allowances	2i(1)	0	
(2) Contract administrator fees.....	2i(2)	0	
(3) Recordkeeping fees.....	2i(3)	41646	
(4) IQPA audit fees.....	2i(4)	0	
(5) Investment advisory and investment management fees	2i(5)	0	
(6) Bank or trust company trustee/custodial fees	2i(6)	0	
(7) Actuarial fees	2i(7)	0	
(8) Legal fees	2i(8)	0	
(9) Valuation/appraisal fees	2i(9)	0	
(10) Other trustee fees and expenses	2i(10)	0	
(11) Other expenses	2i(11)	0	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		41646
j Total expenses. Add all expense amounts in column (b) and enter total	2j		2961235

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		976644
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: **GRASSI & CO., CPA'S, P.C.**

(2) EIN: **11-3266576**

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.)	☒	☐	19452
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?	☒	☐	500000
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 PRIMEENERGY CORPORATION EMPLOYEES 401(K) SAVINGS PLAN				B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 PRIMEENERGY CORPORATION				D Employer Identification Number (EIN) 84-0637348	
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): 20-3691708					
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)? ☐ Yes ☐ No ☐ N/A					
If the plan is a defined benefit plan, go to line 8.					
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					
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					
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.				Schedule R (Form 5500) 2023 v. 230707	

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)	14a	
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)	14b	
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)	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	15a	
b The corresponding number for the second preceding plan year	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	16a	
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	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 11 / 14 / 2022 (MM/DD/YYYY) and the Opinion Letter serial number Q702518A.

**PRIMEENERGY CORPORATION
EMPLOYEES 401(k) SAVINGS PLAN**

FINANCIAL STATEMENTS

DECEMBER 31, 2023

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN

CONTENTS

	<u>Page</u>
<u>Independent Auditors' Report</u>	1-4
<u>Financial Statements</u>	
Statements of Net Assets Available for Benefits at December 31, 2023 and 2022	5
Statement of Changes in Net Assets Available for Benefits for the Year Ended December 31, 2023	6
Notes to Financial Statements	7-16
<u>Supplemental Schedules</u>	
Schedule of Assets (Held at End of Year) at December 31, 2023	17
Schedule of Delinquent Participant Contributions for the Year Ended December 31, 2023	18

INDEPENDENT AUDITORS' REPORT

To The Board of Trustees
PrimeEnergy Corporation Employees 401(k) Savings Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the accompanying financial statements of PrimeEnergy Corporation Employees 401(k) Savings Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as permitted by ERISA Section 103(a)(3)(C) ("ERISA Section 103(a)(3)(C) audit"). The financial statements 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.

Management, having determined it is permissible in the circumstances, has elected to have the audits of PrimeEnergy Corporation Employees 401(k) Savings Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the plan ("investment information") by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA ("qualified institution").

Management has obtained certifications from Empower Trust Company, LLC as of December 31, 2023 and 2022, and for the year ended December 31, 2023, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the Financial Statements section:

- the amounts and disclosures in the financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- the information in the financial statements referred to above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of PrimeEnergy Corporation Employees 401(k) Savings 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 ERISA Section 103(a)(3)(C) 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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 PrimeEnergy Corporation Employees 401(k) Savings Plan's ability to continue as a going concern for one year after the date the financial statements are 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 which may become due to such participants.

Auditors' Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, 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 auditors' 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 an audit conducted in accordance with generally accepted auditing standards 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.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- 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 audit 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 PrimeEnergy Corporation Employees 401(k) Savings 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 PrimeEnergy Corporation Employees 401(k) Savings Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

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

Other Matter - Supplemental Schedules Required by ERISA

The supplemental schedules of assets (held at end of year) as of December 31, 2023, and schedule of delinquent participant contributions for the year ended December 31, 2023 are presented for purposes of additional analysis and are not a required part of the financial statements, but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits 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 generally accepted auditing standards. For information included in the supplemental schedules that agreed to or are derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or are derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or are derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Grassi & Co, CPAs, P.C.

GRASSI & CO., CPAs, P.C.

Jericho, New York
October 9, 2024

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2023 AND 2022

ASSETS

	<u>2023</u>	<u>2022</u>
INVESTMENTS:		
Fully benefit-responsive investment contract, at contract value	\$ 13,066,783	\$ 13,740,205
Mutual funds, at fair value	<u>14,124,744</u>	<u>12,426,833</u>
Total Investments	<u>27,191,527</u>	<u>26,167,038</u>
RECEIVABLES:		
Employer contributions	-	47,035
Notes receivable from participants	<u>196,719</u>	<u>197,529</u>
Total Receivables	<u>196,719</u>	<u>244,564</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 27,388,246</u>	<u>\$ 26,411,602</u>

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

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEAR ENDED DECEMBER 31, 2023

ADDITIONS TO NET ASSETS ATTRIBUTED TO:

Investment income:

Net appreciation in fair value of investments	\$ 1,990,210
Dividend and interest income	<u>899,718</u>

Total Investment Income	<u>2,889,928</u>
-------------------------	------------------

Interest income on notes receivable from participants	<u>12,776</u>
---	---------------

Contributions:

Participants	672,326
Employer	<u>362,849</u>

Total Contributions	<u>1,035,175</u>
---------------------	------------------

Total Additions	<u>3,937,879</u>
-----------------	------------------

DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:

Benefits paid to participants	2,856,894
Deemed distributions	62,695
Administrative expenses	<u>41,646</u>

Total Deductions	<u>2,961,235</u>
------------------	------------------

NET INCREASE	976,644
--------------	---------

NET ASSETS AVAILABLE FOR BENEFITS:

Beginning of year	<u>26,411,602</u>
-------------------	-------------------

End of year	<u>\$ 27,388,246</u>
-------------	----------------------

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

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

Note 1 - Description of Plan

The following description of PrimeEnergy Corporation Employees 401(k) Savings Plan (the "Plan") provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan, which was established on January 1, 1989 and restated on January 1, 2022, is a defined contribution plan covering employees of PrimeEnergy Resources Corporation (the "Company") and its wholly owned subsidiaries (collectively, the "Sponsor"). Eligible employees are those in the employment of the Company and related entities, but not an excluded employee, as defined in the Plan. An eligible participant may become a Plan participant for purposes of making salary deferral contributions and receiving employer matching contributions on the first of the month following the date the participant completed twelve months of service. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA").

The Plan administrator and trustee are responsible for oversight of the Plan. The Investment Committee determines the appropriateness of the Plan's investment offerings, monitors investment performance and reports to the Plan's Board of Trustees. The trustee of the Plan is Empower Trust Company, LLC ("Empower Trust" or the "Trustee"), formerly Great-West Trust Company, LLC, which is a subsidiary of Empower Retirement, LLC ("Empower Retirement"), formerly Great-West Financial Retirement Plan Services, LLC, the recordkeeper of the Plan.

Contributions

Each year, participants may contribute up to 100% of eligible annual compensation, as defined in the Plan, provided that such contributions do not exceed the limitations under the Internal Revenue Code (the "Code") for 2023 of \$22,500, plus a maximum of \$7,500 in catch-up contributions for participants who have attained age 50 before the end of the Plan year. Contributions may be made as a pre-tax deferral or after-tax (Roth) deferral. Highly compensated employees are subject to additional limits set forth in the Code. Participants may also contribute amounts representing rollover distributions from other qualified defined benefit or defined contribution plans. Participants direct the investment of their contributions into various investment options offered by the Plan.

The Plan includes an auto-enrollment provision whereby all newly eligible employees are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled participants have their deferral rate set at 4% of eligible compensation and their contributions invested in a designated balanced fund until changed by the participant.

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

Note 1 - Description of Plan (cont'd.)

Contributions (cont'd.)

The Sponsor makes contributions in the form of a safe harbor match of the first 4% of eligible compensation that a participant contributes to the Plan. The matching contribution is invested as directed by the participant. Matching contributions made by the Sponsor for the Plan year ended December 31, 2023 totaled \$362,849.

In addition, the Sponsor may make a discretionary contribution to participants, which would be allocated based on the ratio of participants' compensation as defined by the Plan. The discretionary contribution is invested as directed by the participant. In 2023, the Sponsor did not make a discretionary contribution.

Participant Accounts

Each participant's account is credited with the participant's contributions and the Sponsor's matching and discretionary contributions, as well as allocations of the Plan's earnings. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan based on participant earnings, account balances, or specific participant transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their contributions and the Sponsor's safe harbor matching contribution plus actual earnings thereon. Vesting in the Sponsor's matching contribution and the discretionary contribution portion of their accounts plus actual earnings thereon is based on years of continuous service. A participant is 100% vested after five years of credited service. Each participant's nonforfeitable percentage is determined under the following table:

<u>Completed years of service</u>	<u>Nonforfeitable percentage vested</u>
Less than 2	0%
2	25%
3	50%
4	75%
5 or more	100%

Investment Options

Upon enrollment in the Plan, a participant may direct contributions in any of several investment options available through Empower Retirement. Participants may change their investment options daily.

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

Note 1 - Description of Plan (cont'd.)

Notes Receivable from Participants

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account. The loans are secured by the balance in the participant's account and bear interest at a rate commensurate with local prevailing rates, as defined by the Plan. The interest rate is determined as of the date of origination and is fixed for the loan term. Principal and interest is paid ratably through monthly payroll deductions over a period not to exceed five years, unless the funds are used to acquire a principal residence, in which case the maximum repayment period is thirty years. The loans have various maturity dates. Any outstanding loans must be fully repaid when employment terminates.

Payment of Benefits

On termination of service due to death, disability or retirement, a participant or beneficiary may elect to receive either a lump-sum amount equal to the value of the participant's vested interest in his or her account, or annual installments. For termination of service due to other reasons, a participant may receive the value of the vested interest in his or her account as a lump-sum distribution.

Forfeitures

At December 31, 2023 and 2022, forfeited nonvested accounts totaled \$2,295 and \$2,214, respectively. These accounts will be used in any permissible method to restore forfeitures, to reduce future sponsor contributions, or to pay Plan expenses. During the year ended December 31, 2023, no forfeitures were applied.

Life Insurance

The Plan permits its participants to purchase life insurance to provide benefits for their beneficiaries. The amount of life insurance is limited by law. Insurance premiums are deducted from the participant's account. These policies are excluded from the Plan's assets.

Note 2 - Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements have been prepared under the accrual method of accounting.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

Note 2 - Summary of Significant Accounting Policies (cont'd.)

Notes Receivable from Participants

Loans to participants are reported at their unpaid principal balances plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2023 or 2022. Delinquent notes receivable from participants are reclassified as distributions once the participant is no longer employed by the Sponsor. Interest rates on loans outstanding at December 31, 2023 ranged from 5.25% to 10.50%.

Investment Valuation and Income Recognition

Investments are reported at fair value except for the fully benefit-responsive investment contract, which is stated at contract value (see Note 5). 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. The Plan's Investment Committee determines the Plan's valuation policies utilizing information provided by the Plan's investment advisers. See Note 4 for a discussion of fair value measurement.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation or depreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Payment of Benefits

Benefits are recorded upon payment.

Administrative Expenses

Certain expenses of maintaining the Plan are paid by the Plan unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements.

Empower Retirement provides the Plan with various administrative services including the drafting of the Plan's documents.

Empower Retirement maintains the records for participants' accounts. For these services, Empower Retirement is compensated through commissions and other fees included in administrative expenses.

The Plan invested in funds that are administered by MassMutual. These funds pay MassMutual a fee for the service, and such fees are reflected in the fair value of the funds. Had the Plan not invested in these funds, the administrative expenses reflected in the statement of changes in net assets available for benefits would likely be higher.

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

Note 3 - Information Certified By The Trustee

The following information, including investments and notes receivable from participants at December 31, 2023 and 2022, and investment income and interest income on notes receivable from participants for the year ended December 31, 2023, was obtained by management and agreed to or derived from information certified as complete and accurate by Empower Trust, the trustee of the Plan.

	<u>2023</u>	<u>2022</u>
Investments:		
Fully benefit-responsive investment contract, at contract value	\$ 13,066,783	\$ 13,740,205
Mutual funds, at fair value	<u>14,124,744</u>	<u>12,426,833</u>
Total Investments	<u>\$ 27,191,527</u>	<u>\$ 26,167,038</u>
Notes receivable from participants	<u>\$ 196,719</u>	<u>\$ 197,529</u>
Investment income:		
Net appreciation in fair value of investments	\$ 1,990,210	
Dividend and interest income	<u>899,718</u>	
Total Investment Income	<u>\$ 2,889,928</u>	
Interest income on notes receivable from participants	<u>\$ 12,776</u>	

Note 4 - Fair Value Measurement

Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 820, *Fair Value Measurement*, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to readily available unadjusted quoted prices in active markets for identical assets (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements) when market prices are not readily available or reliable. The three levels of the fair value hierarchy under FASB ASC Topic 820 are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

Note 4 - Fair Value Measurement (cont'd.)

Level 2 - Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability;
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

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

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2023 and 2022.

Mutual funds including money market mutual funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the SEC. These funds are required to publish their NAV and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value at December 31, 2023 and 2022. Classification within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. For the year ended December 31, 2023, there were no significant transfers between Levels 1 and 2 and no transfers in or out of Level 3.

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

Note 4 - Fair Value Measurement (cont'd.)

	<u>Assets at Fair Value at December 31, 2023</u>			
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Mutual funds, at fair value	\$ 14,124,744	\$ -	\$ -	\$ 14,124,744
Total investments at fair value	<u>\$ 14,124,744</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 14,124,744</u>

	<u>Assets at Fair Value at December 31, 2022</u>			
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Mutual funds, at fair value	\$ 12,426,833	\$ -	\$ -	\$ 12,426,833
Total investments at fair value	<u>\$ 12,426,833</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 12,426,833</u>

Note 5 - Guaranteed Investment Contract

The Plan entered into a fully benefit-responsive guaranteed investment contract with MassMutual Financial Group ("MMFG"). MMFG maintains the contributions in a general account. Each account is credited with participant contributions and earnings on the underlying investments and charged for participant withdrawals and administrative expenses. The guaranteed investment contract issuer is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan. The crediting interest rate is based on a formula agreed upon with the issuer but may not be less than 0%. The crediting rate is reviewed on a quarterly basis for resetting. The contract cannot be terminated before the scheduled maturity date.

Because the guaranteed investment contract is fully benefit-responsive, contract value is the relevant measurement attribute for that portion of the net assets available for benefits attributable to the guaranteed investment contract because contract value is the amount participants normally would receive if they were to initiate permitted transactions under the terms of the Plan. Thus, the guaranteed investment contract is presented on the face of the statements of net assets available for benefits at contract value. Contract value, as reported to the Plan by MMFG, represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

The Plan's ability to receive amounts due in accordance with fully benefit-responsive investment contracts is dependent on the third-party issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments. There are no reserves against contract value for credit risk of the contract issuer or otherwise.

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

Note 5 - Guaranteed Investment Contract (cont'd.)

Certain events limit the ability of the Plan to transact at contract value with the issuer. Such events include:

- The Plan's failure to qualify under Section 401(a) of the Code or failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA.
- Premature termination of the contracts.
- Plan termination or merger.
- Changes to the Plan's prohibition on competing investment options.
- Bankruptcy of the Plan sponsor or other Plan sponsor events (for example, divestitures or spin-offs of a subsidiary) that cause a significant withdrawal from the Plan.

In addition, certain events allow the issuer to terminate the contracts with the Plan and settle at an amount different from contract value. Those events may be different under each contract. Examples of such events include the following:

- The Plan terminates the contract as an investment option.
- The market value account balance is not more than \$1,000.
- A material amendment to the agreements without the consent of the issuer.

However, the Plan administrator believes that no events are probable of occurring that might limit the ability of the Plan to transact at contract value with the contract issuers and that also would limit the ability of the Plan to transact at contract value with the participants.

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

Certain Plan investments are managed by MassMutual. MassMutual's retirement plan business was acquired by Empower Retirement effective December 31, 2020; therefore, transactions related to this entity qualify as party-in-interest transactions.

Notes receivable from participants also qualify as party-in-interest transactions.

Note 7 - Income Tax Status

The Plan has adopted the Great-West Trust Company, LLC Defined Contribution Pre-Approved Plan. Accordingly, the Plan is permitted to rely on the opinion letter of Empower Trust. The Internal Revenue Service ("IRS") has determined and informed Empower Trust by a letter dated November 14, 2022, that the Plan and related trust are designed in accordance with applicable sections of the Code. The Plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the Code, and therefore believes that the Plan is qualified and the related trust is tax exempt.

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

Note 7 - Income Tax Status (cont'd.)

U.S. GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax benefit only if it is more likely than not that the tax position would be sustained upon examination by the IRS. The Plan administrator has analyzed the tax positions taken by the Plan and has concluded that at December 31, 2023, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan administrator believes the Plan is no longer subject to income tax examinations for years prior to 2020.

Note 8 - Plan Termination

Although it has not expressed any intent to do so, the Sponsor has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants would become 100% vested in their employer contributions.

Note 9 - Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the accompanying statements of net assets available for benefits.

Note 10 - Reportable Finding

During the year ended December 31, 2023, the Sponsor determined that its employer match was not properly calculated for certain participants based on the definition of compensation that is provided in the Plan document. As a result, certain participants' match was not in accordance with Plan provisions. The Sponsor has corrected these errors by making employer match true-up payments into the Plan for these participants totaling \$21,170 and \$25,865, which were posted on February 21, 2023 and July 26, 2023, respectively. These true-ups of employer match are reflected as employer contributions receivable in the statements of net assets available for benefits at December 31, 2022.

Note 11 - Delinquent Participant Contributions

During the year ended December 31, 2022, the Sponsor did not submit employee contributions and loan repayments of \$19,452 in a timely manner. The Sponsor fully corrected these in January 2023 under the Voluntary Fiduciary Correction Program ("VFCP"). There were no delinquent participant contributions during the year ended December 31, 2023.

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023

Note 12 - Subsequent Events

The Plan has evaluated all events or transactions that occurred after December 31, 2023 through October 9, 2024, which is the date that the financial statements were available to be issued. During this period, there were no material subsequent events requiring disclosure.

SUPPLEMENTAL SCHEDULES

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
SUPPLEMENTAL SCHEDULE
SCHEDULE OF ASSETS (HELD AT END OF YEAR)
AT DECEMBER 31, 2023

(a)	(b)	(c)	(d)	(e)
<u>Identity of Issuer</u>	<u>Description</u>	<u>Cost</u>	<u>Current Value</u>	
<i>Mutual funds:</i>				
American Century	Mid Cap Value R6	**	\$	490,918
American Funds	New World R6	**		37,969
Baird Core	Plus Bond Fund Instl	**		539,081
Baron	Growth Fund	**		1,081,438
BlackRock	Inflation Protected Bond Port	**		109,497
Fidelity	Contrafund	**		1,226,252
Fidelity	Index Fund	**		308,488
Fidelity	Small Cap Index	**		212,233
Fidelity	Index Mid Cap Fund	**		366,323
Fidelity	500 Index Fund	**		1,636,958
Harbor Capital	Appreciation Fund	**		955,051
MFS	Value Fund	**		1,247,633
PIMCO	Long-Term US Government Instl	**		107,122
Undiscovered Managers	Behavioral Value Fund Class R6	**		383,313
Vanguard	Vanguard Target Rtrmnt 2060 Inv	**		7,552
Vanguard	Vanguard Target Rtrmnt 2020 Inv	**		649,763
Vanguard	Vanguard Target Rtrmnt 2025 Inv	**		380,777
Vanguard	Vanguard Target Rtrmnt 2030 Inv	**		1,772,404
Vanguard	Vanguard Target Rtrmnt 2035 Inv	**		1,457,993
Vanguard	Vanguard Target Rtrmnt 2040 Inv	**		165,196
Vanguard	Vanguard Target Rtrmnt 2045 Inv	**		470,023
Vanguard	Vanguard Target Rtrmnt 2050 Inv	**		224,157
Vanguard	Vanguard Target Rtrmnt 2055 Inv	**		33,353
Vanguard	Vanguard Target Rtrmnt 2065 Inv	**		699
Vanguard	Vanguard Target Retirement Income Inv	**		260,551
				<u>14,124,744</u>
<i>Fully benefit-responsive investment contracts:</i>				
* MassMutual	Guaranteed Interest Account	**		13,066,783
<i>Notes receivable from participants:</i>				
* Participant Loans	Interest rates ranging from 5.25% to 10.50%	\$ -0-		<u>196,719</u>
Total Assets Held				<u>\$ 27,388,246</u>

* Indicates a party-in-interest to the Plan.

**Cost information is not required for participant-directed investments.

See independent auditors' report.

Schedule H - Line 4a - Schedule of Delinquent Participant Contributions
Attachment - Form 5500
Plan EIN: 84-0637348
Plan Number: 001

PRIMEENERGY CORPORATION EMPLOYEES 401(k) SAVINGS PLAN
SUPPLEMENTAL SCHEDULE
SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS
FOR THE YEAR ENDED DECEMBER 31, 2023

Participant contributions transferred late to the plan	Total that constitute nonexempt prohibited transactions			Total fully corrected under VFCP and PTE 2002-51
	Contributions not corrected	Contributions corrected outside VFCP	Contributions pending correction in VFCP	
Check here if late participant loan repayments are included: X	\$ -	* \$ -	\$ -	\$ 19,452

* Delinquent participant contributions and loan repayments of \$19,452 relate to the Plan for the year ended December 31, 2022.

See independent auditors' report.

SCHEDULE OF ASSETS (HELD AT END OF YEAR)**PrimeEnergy Corporation Employees 401(k) Savings Plan****01-JAN-23 to 31-DEC-23****02-FEB-24 22:17:07**

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
1VTINX			245,450.80	260,551.45
1VTWNX			631,860.19	649,763.25
1VTTVX			350,871.65	380,777.13
1VTHRXX			1,578,329.82	1,772,403.63
1VTTHX			1,293,281.86	1,457,993.32
1VFORX			145,639.94	165,196.24
1VTIVX			409,747.86	470,022.52
1VFIFX			192,860.74	224,156.98
1VFFVX			29,040.37	33,352.71
1VTTSX			6,953.50	7,552.20
1VLXVX			590.65	698.52
1RNWGX			37,641.87	37,969.22
1FSPSX			298,242.16	308,488.25
1FSSNX			201,619.36	212,232.99
1UBVFX			381,259.17	383,312.61
1AMDVX			488,836.38	490,917.83
1BGRUX			1,067,802.33	1,081,438.10
1FSMDX			346,241.70	366,323.38
1FCNTX			905,873.07	1,226,251.70
1FXAIX			1,557,855.43	1,636,958.09
1HNACX			866,084.09	955,050.60
1MEIKX			1,277,533.43	1,247,632.66
1BCOIX			521,971.98	539,080.52
1BPLBX			107,954.76	109,497.47
1MIPZX			0.00	0.21
1SGDTQ0		4.250	12,511,959.35	13,066,782.61
1PGOVX			100,228.66	107,122.40
			25,555,731.12	27,191,526.59
PARTICIPANT LOANS	VARIOUS	5.250-10.500	196,952.28	196,718.62
FORFEITURES			2,197.95	2,295.16

SCHEDULE OF ASSETS (HELD AT END OF YEAR)

GA

PrimeEnergy Corporation Employees 401(k) Savings Plan**01-JAN-23 to 31-DEC-23****02-FEB-24 22:17:07**

INVESTMENT OPTION	MATURITY DATE	INTEREST RATE	COST OF ASSETS	CURRENT VALUE
-------------------	---------------	---------------	----------------	---------------

LEGEND

INVESTMENT OPTION:

1VTINX Vanguard Target Retirement Income Inv
 1VTTVX Vanguard Target Retirement 2025 Inv
 1VTTHX Vanguard Target Retirement 2035 Inv
 1VTIVX Vanguard Target Retirement 2045 Inv
 1VFFVX Vanguard Target Retirement 2055 Inv
 1VLXVX Vanguard Target Retirement 2065 Inv
 1FSPSX Fidelity International Index
 1UBVFX Undiscovered Mgrs Behavioral Value R6
 1BGRUX Baron Growth R6
 1FCNTX Fidelity Contrafund
 1HNACX Harbor Capital Appreciation Retirement
 1BCOIX Baird Core Plus Bond Inst
 1MIPZX MassMutual Infl-Prot and Inc I
 1PGOVX PIMCO Long-Term US Government Instl

1VTWNX Vanguard Target Retirement 2020 Inv
 1VTHRX Vanguard Target Retirement 2030 Inv
 1VFORX Vanguard Target Retirement 2040 Inv
 1VFIFX Vanguard Target Retirement 2050 Inv
 1VTTSX Vanguard Target Retirement 2060 Inv
 1RNWGX American Funds New World R6
 1FSSNX Fidelity Small Cap Index
 1AMDVX American Century Mid Cap Value R6
 1FSMDX Fidelity Mid Cap Index
 1FXAIX Fidelity 500 Index
 1MEIKX MFS Value R6
 1BPLBX BlackRock Inflation Prted Bd BlackRock K
 1SGDTQ0 SAGIC Diversified Bond I

COST OF ASSETS: The original cost of the assets in each investment option as of the last day of the plan year

CURRENT VALUE: The value of all assets in each investment option as of the last day of the plan year