

Form 5500

Annual Return/Report of Employee Benefit Plan

OMB Nos. 1210-0110 1210-0089

Department of the Treasury Internal Revenue Service

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).

2024

Department of Labor Employee Benefits Security Administration

Complete all entries in accordance with the instructions to the Form 5500.

Pension Benefit Guaranty Corporation

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

- A This return/report is for: [ ] a multiemployer plan [ ] a multiple-employer plan... [X] a single-employer plan [ ] a DFE... B This return/report is: [ ] the first return/report [ ] the final return/report... C If the plan is a collectively-bargained plan, check here... D Check box if filing under: [X] Form 5558 [ ] automatic extension... 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: MACK ENERGY CORPORATION DEFINED BENEFIT RETIREMENT PLAN
1b Three-digit plan number (PN): 002
1c Effective date of plan: 01/01/2003
2a Plan sponsor's name (employer, if for a single-employer plan): MACK ENERGY CORPORATION
2b Employer Identification Number (EIN): 85-0381433
2c Plan Sponsor's telephone number: 575-748-1288
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.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Includes rows for employer/plan sponsor and DFE.

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2024) v. 240311

<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	<b>3b</b> Administrator's EIN	
	<b>3c</b> Administrator's telephone number	
<b>4</b> 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: <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN	
	<b>4d</b> PN	
<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b>	261
<b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ). <b>a(1)</b> Total number of active participants at the beginning of the plan year ..... <b>a(2)</b> Total number of active participants at the end of the plan year ..... <b>b</b> Retired or separated participants receiving benefits..... <b>c</b> Other retired or separated participants entitled to future benefits ..... <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> ..... <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. .... <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> ..... <b>g(1)</b> Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) ..... <b>g(2)</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) ..... <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>6a(1)</b>	93
	<b>6a(2)</b>	93
	<b>6b</b>	88
	<b>6c</b>	66
	<b>6d</b>	247
	<b>6e</b>	8
	<b>6f</b>	255
	<b>6g(1)</b>	
<b>6g(2)</b>		
<b>6h</b>		2
<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....	<b>7</b>	

**8a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:  
1A 3D

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

<b>9a</b> Plan funding arrangement (check all that apply)	<b>9b</b> Plan benefit arrangement (check all that apply)
(1) <input type="checkbox"/> Insurance	(1) <input type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input type="checkbox"/> General assets of the sponsor	(4) <input type="checkbox"/> 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)

<b>a Pension Schedules</b>	<b>b General Schedules</b>
(1) <input checked="" type="checkbox"/> <b>R</b> (Retirement Plan Information)	(1) <input checked="" type="checkbox"/> <b>H</b> (Financial Information)
(2) <input type="checkbox"/> <b>MB</b> (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary	(2) <input type="checkbox"/> <b>I</b> (Financial Information – Small Plan)
(3) <input checked="" type="checkbox"/> <b>SB</b> (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	(3) <input type="checkbox"/> <b>A</b> (Insurance Information) – Number Attached <u>0</u>
(4) <input type="checkbox"/> <b>DCG</b> (Individual Plan Information) – Number Attached _____	(4) <input type="checkbox"/> <b>C</b> (Service Provider Information)
(5) <input type="checkbox"/> <b>MEP</b> (Multiple-Employer Retirement Plan Information)	(5) <input type="checkbox"/> <b>D</b> (DFE/Participating Plan Information)
	(6) <input type="checkbox"/> <b>G</b> (Financial Transaction Schedules)

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

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**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.

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**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 2024 Form M-1 annual report. If the plan was not required to file the 2024 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 \_\_\_\_\_

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<b>SCHEDULE SB</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Single-Employer Defined Benefit Plan</b> <b>Actuarial Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).  <b>▶ File as an attachment to Form 5500 or 5500-SF.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

<b>A</b> Name of plan <u>MACK ENERGY CORPORATION DEFINED BENEFIT RETIREMENT PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>002</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>MACK ENERGY CORPORATION</u>	<b>D</b> Employer Identification Number (EIN) <u>85-0381433</u>	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	<b>F</b> Prior year plan size: <input type="checkbox"/> 100 or fewer <input checked="" type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

<b>Part I</b>	<b>Basic Information</b>		
<b>1</b>	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2024</u>		
<b>2</b>	Assets:		
	<b>a</b> Market value .....	<b>2a</b>	<u>45004640</u>
	<b>b</b> Actuarial value .....	<b>2b</b>	<u>46716508</u>
<b>3</b>	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	<b>a</b> For retired participants and beneficiaries receiving payment .....	<u>94</u>	<u>19604701</u>
	<b>b</b> For terminated vested participants .....	<u>74</u>	<u>5362980</u>
	<b>c</b> For active participants .....	<u>93</u>	<u>24956140</u>
	<b>d</b> Total .....	<u>261</u>	<u>49923821</u>
<b>4</b>	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>		
	<b>a</b> Funding target disregarding prescribed at-risk assumptions .....	<b>4a</b>	
	<b>b</b> Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor .....	<b>4b</b>	
<b>5</b>	Effective interest rate .....	<b>5</b>	<u>5.24 %</u>
<b>6</b>	Target normal cost		
	<b>a</b> Present value of current plan year accruals .....	<b>6a</b>	<u>2998553</u>
	<b>b</b> Expected plan-related expenses .....	<b>6b</b>	<u>0</u>
	<b>c</b> Target normal cost .....	<b>6c</b>	<u>2998553</u>

**Statement by Enrolled Actuary**

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

<b>SIGN HERE</b>		
	Signature of actuary	<u>08/27/2025</u> Date
	<u>DAVID KENT, FSA, EA</u> Type or print name of actuary	<u>23-06587</u> Most recent enrollment number
	<u>MILLIMAN, INC.</u> Firm name	<u>214-863-5500</u> Telephone number (including area code)
	<u>12790 MERRIT DRIVE, SUITE 800 DALLAS, TX 75251</u> Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

<b>Part II</b>		<b>Beginning of Year Carryover and Prefunding Balances</b>	
		(a) Carryover balance	(b) Prefunding balance
<b>7</b>	Balance at beginning of prior year after applicable adjustments (line 13 from prior year) .....	0	5438310
<b>8</b>	Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....	0	609996
<b>9</b>	Amount remaining (line 7 minus line 8) .....	0	4828314
<b>10</b>	Interest on line 9 using prior year's actual return of <u>13.32</u> % .....	0	643131
<b>11</b>	Prior year's excess contributions to be added to prefunding balance:		
	<b>a</b> Present value of excess contributions (line 38a from prior year) .....		0
	<b>b(1)</b> Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.33</u> % .....		0
	<b>b(2)</b> Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		0
	<b>c</b> Total available at beginning of current plan year to add to prefunding balance .....		0
	<b>d</b> Portion of (c) to be added to prefunding balance .....		0
<b>12</b>	Other reductions in balances due to elections or deemed elections .....	0	0
<b>13</b>	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12) .....	0	5471445

<b>Part III</b>		<b>Funding Percentages</b>	
<b>14</b>	Funding target attainment percentage .....	<b>14</b>	82.31 %
<b>15</b>	Adjusted funding target attainment percentage .....	<b>15</b>	82.31 %
<b>16</b>	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement .....	<b>16</b>	82.30 %
<b>17</b>	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage .....	<b>17</b>	%

<b>Part IV</b>		<b>Contributions and Liquidity Shortfalls</b>			
<b>18</b> Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
01/31/2024	200000		08/01/2024	200000	
02/29/2024	200000		08/30/2024	200000	
03/28/2024	200000		10/01/2024	200000	
04/30/2024	200000		10/31/2024	200000	
05/30/2024	200000		11/27/2024	200000	
06/28/2024	200000		12/31/2024	200000	
			<b>Totals ▶</b>	<b>18(b)</b>	4500000
				<b>18(c)</b>	0

<b>19</b>	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
	<b>a</b> Contributions allocated toward unpaid minimum required contributions from prior years .....	<b>19a</b> 0
	<b>b</b> Contributions made to avoid restrictions adjusted to valuation date .....	<b>19b</b> 0
	<b>c</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date .....	<b>19c</b> 4290814
<b>20</b>	Quarterly contributions and liquidity shortfalls:	
	<b>a</b> Did the plan have a "funding shortfall" for the prior year? .....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>b</b> If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? .....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<b>c</b> If line 20a is "Yes," see instructions and complete the following table as applicable:	
Liquidity shortfall as of end of quarter of this plan year		
(1) 1st	(2) 2nd	(3) 3rd
0	0	0
		(4) 4th
		0

<b>Part II Beginning of Year Carryover and Prefunding Balances</b>		(a) Carryover balance	(b) Prefunding balance
<b>7</b>	Balance at beginning of prior year after applicable adjustments (line 13 from prior year) .....		
<b>8</b>	Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....		
<b>9</b>	Amount remaining (line 7 minus line 8) .....		
<b>10</b>	Interest on line 9 using prior year's actual return of _____% .....		
<b>11</b>	Prior year's excess contributions to be added to prefunding balance:		
	<b>a</b> Present value of excess contributions (line 38a from prior year) .....		
	<b>b(1)</b> Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of _____% .....		
	<b>b(2)</b> Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		
	<b>c</b> Total available at beginning of current plan year to add to prefunding balance .....		
	<b>d</b> Portion of (c) to be added to prefunding balance .....		
<b>12</b>	Other reductions in balances due to elections or deemed elections .....		
<b>13</b>	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12) .....		

<b>Part III Funding Percentages</b>			
<b>14</b>	Funding target attainment percentage .....	<b>14</b>	%
<b>15</b>	Adjusted funding target attainment percentage .....	<b>15</b>	%
<b>16</b>	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement .....	<b>16</b>	%
<b>17</b>	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage .....	<b>17</b>	%

<b>Part IV Contributions and Liquidity Shortfalls</b>		<b>18 Contributions made to the plan for the plan year by employer(s) and employees:</b>			
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
01/31/2025	200000		07/31/2025	300000	
02/28/2025	200000		08/29/2025	300000	
03/31/2025	200000				
04/30/2025	300000				
05/30/2025	300000				
06/30/2025	300000				
			<b>Totals ▶</b>	<b>18(b)</b>	<b>18(c)</b>

**19** Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

<b>a</b> Contributions allocated toward unpaid minimum required contributions from prior years .....	<b>19a</b>	
<b>b</b> Contributions made to avoid restrictions adjusted to valuation date .....	<b>19b</b>	
<b>c</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date .....	<b>19c</b>	

**20** Quarterly contributions and liquidity shortfalls:

**a** Did the plan have a "funding shortfall" for the prior year? .....  Yes  No

**b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? .....  Yes  No

**c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

<b>Part V Assumptions Used to Determine Funding Target and Target Normal Cost</b>			
<b>21</b> Discount rate:			
<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 4.96 %	<input type="checkbox"/> N/A, full yield curve used
<b>b</b> Applicable month (enter code) .....			<b>21b</b> 0
<b>22</b> Weighted average retirement age .....			<b>22</b> 63
<b>23</b> Mortality table(s) (see instructions)	<input checked="" type="checkbox"/> Prescribed - combined	<input type="checkbox"/> Prescribed - separate	<input type="checkbox"/> Substitute

<b>Part VI Miscellaneous Items</b>			
<b>24</b> Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>25</b> Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment..... <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>26</b> Demographic and benefit information			
<b>a</b> Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>b</b> Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>27</b> If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....			<b>27</b>

<b>Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years</b>			
<b>28</b> Unpaid minimum required contributions for all prior years .....			<b>28</b> 0
<b>29</b> Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....			<b>29</b> 0
<b>30</b> Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....			<b>30</b> 0

<b>Part VIII Minimum Required Contribution For Current Year</b>			
<b>31</b> Target normal cost and excess assets (see instructions):			
<b>a</b> Target normal cost (line 6c) .....			<b>31a</b> 2998553
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....			<b>31b</b> 0
<b>32</b> Amortization installments:	Outstanding Balance		Installment
<b>a</b> Net shortfall amortization installment .....	8860346		844407
<b>b</b> Waiver amortization installment.....			
<b>33</b> If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount .....			<b>33</b>
<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....			<b>34</b> 3842960
	Carryover balance	Prefunding balance	Total balance
<b>35</b> Balances elected for use to offset funding requirement .....	0	352123	352123
<b>36</b> Additional cash requirement (line 34 minus line 35) .....			<b>36</b> 3490837
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) .....			<b>37</b> 4290814
<b>38</b> Present value of excess contributions for current year (see instructions)			
<b>a</b> Total (excess, if any, of line 37 over line 36)			<b>38a</b> 799977
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances.....			<b>38b</b> 0
<b>39</b> Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) .....			<b>39</b> 0
<b>40</b> Unpaid minimum required contributions for all years .....			<b>40</b> 0

<b>Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)</b>			
<b>41</b> If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input type="checkbox"/> 2021			

<b>SCHEDULE H</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Financial Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2024 or fiscal plan year beginning <b>01/01/2024</b> and ending <b>12/31/2024</b>	
<b>A</b> Name of plan <b>MACK ENERGY CORPORATION DEFINED BENEFIT RETIREMENT PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>002</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>MACK ENERGY CORPORATION</b>	<b>D</b> Employer Identification Number (EIN) <b>85-0381433</b>

<b>Part I</b>	<b>Asset and Liability Statement</b>
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**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.

		(a) Beginning of Year	(b) End of Year
<b>a</b> Total noninterest-bearing cash .....	<b>1a</b>	0	15
<b>b</b> Receivables (less allowance for doubtful accounts):			
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>	0	2100000
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>		
<b>(3)</b> Other .....	<b>1b(3)</b>	69282	127852
<b>c</b> General investments:			
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	1535031	1643130
<b>(2)</b> U.S. Government securities .....	<b>1c(2)</b>	0	7456774
<b>(3)</b> Corporate debt instruments (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(3)(A)</b>		
<b>(B)</b> All other .....	<b>1c(3)(B)</b>	0	3135159
<b>(4)</b> Corporate stocks (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(4)(A)</b>		
<b>(B)</b> Common .....	<b>1c(4)(B)</b>	0	7073678
<b>(5)</b> Partnership/joint venture interests .....	<b>1c(5)</b>		
<b>(6)</b> Real estate (other than employer real property) .....	<b>1c(6)</b>		
<b>(7)</b> Loans (other than to participants) .....	<b>1c(7)</b>		
<b>(8)</b> Participant loans .....	<b>1c(8)</b>		
<b>(9)</b> Value of interest in common/collective trusts .....	<b>1c(9)</b>		
<b>(10)</b> Value of interest in pooled separate accounts .....	<b>1c(10)</b>		
<b>(11)</b> Value of interest in master trust investment accounts .....	<b>1c(11)</b>		
<b>(12)</b> Value of interest in 103-12 investment entities .....	<b>1c(12)</b>		
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds) .....	<b>1c(13)</b>	43400327	29057971
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts) .....	<b>1c(14)</b>		
<b>(15)</b> Other .....	<b>1c(15)</b>		

<b>1d</b> Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	<b>1d(1)</b>		
(2) Employer real property.....	<b>1d(2)</b>		
<b>e</b> Buildings and other property used in plan operation.....	<b>1e</b>		
<b>f</b> Total assets (add all amounts in lines 1a through 1e).....	<b>1f</b>	45004640	50594579
<b>Liabilities</b>			
<b>g</b> Benefit claims payable.....	<b>1g</b>		
<b>h</b> Operating payables.....	<b>1h</b>		
<b>i</b> Acquisition indebtedness.....	<b>1i</b>		
<b>j</b> Other liabilities.....	<b>1j</b>		
<b>k</b> Total liabilities (add all amounts in lines 1g through 1j).....	<b>1k</b>	0	0
<b>Net Assets</b>			
<b>l</b> Net assets (subtract line 1k from line 1f).....	<b>1l</b>	45004640	50594579

**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.

<b>Income</b>		(a) Amount	(b) Total
<b>a Contributions:</b>			
(1) Received or receivable in cash from: <b>(A)</b> Employers.....	<b>2a(1)(A)</b>	4500000	
<b>(B)</b> Participants.....	<b>2a(1)(B)</b>		
<b>(C)</b> Others (including rollovers).....	<b>2a(1)(C)</b>		
(2) Noncash contributions.....	<b>2a(2)</b>		
(3) Total contributions. Add lines <b>2a(1)(A)</b> , <b>(B)</b> , <b>(C)</b> , and line <b>2a(2)</b> .....	<b>2a(3)</b>		4500000
<b>b Earnings on investments:</b>			
<b>(1) Interest:</b>			
<b>(A)</b> Interest-bearing cash (including money market accounts and certificates of deposit).....	<b>2b(1)(A)</b>	705	
<b>(B)</b> U.S. Government securities.....	<b>2b(1)(B)</b>	29384	
<b>(C)</b> Corporate debt instruments.....	<b>2b(1)(C)</b>	59916	
<b>(D)</b> Loans (other than to participants).....	<b>2b(1)(D)</b>		
<b>(E)</b> Participant loans.....	<b>2b(1)(E)</b>		
<b>(F)</b> Other.....	<b>2b(1)(F)</b>		
<b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....	<b>2b(1)(G)</b>		90005
<b>(2) Dividends:</b>			
<b>(A)</b> Preferred stock.....	<b>2b(2)(A)</b>		
<b>(B)</b> Common stock.....	<b>2b(2)(B)</b>	18016	
<b>(C)</b> Registered investment company shares (e.g. mutual funds).....	<b>2b(2)(C)</b>	1436362	
<b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....	<b>2b(2)(D)</b>		1454378
(3) Rents.....	<b>2b(3)</b>		
<b>(4) Net gain (loss) on sale of assets:</b>			
<b>(A)</b> Aggregate proceeds.....	<b>2b(4)(A)</b>	66235799	
<b>(B)</b> Aggregate carrying amount (see instructions).....	<b>2b(4)(B)</b>	57376664	
<b>(C)</b> Subtract line <b>2b(4)(B)</b> from line <b>2b(4)(A)</b> and enter result.....	<b>2b(4)(C)</b>		8859135
<b>(5) Unrealized appreciation (depreciation) of assets:</b>			
<b>(A)</b> Real estate.....	<b>2b(5)(A)</b>		
<b>(B)</b> Other.....	<b>2b(5)(B)</b>	-3226154	
<b>(C)</b> Total unrealized appreciation of assets. Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....	<b>2b(5)(C)</b>		-3226154

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts .....	<b>2b(6)</b>		
(7) Net investment gain (loss) from pooled separate accounts .....	<b>2b(7)</b>		
(8) Net investment gain (loss) from master trust investment accounts .....	<b>2b(8)</b>		
(9) Net investment gain (loss) from 103-12 investment entities .....	<b>2b(9)</b>		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) .....	<b>2b(10)</b>		-4144681
<b>c</b> Other income .....	<b>2c</b>		22364
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total .....	<b>2d</b>		7555047

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers .....	<b>2e(1)</b>	1965108	
(2) To insurance carriers for the provision of benefits .....	<b>2e(2)</b>		
(3) Other .....	<b>2e(3)</b>		
(4) Total benefit payments. Add lines <b>2e(1)</b> through <b>(3)</b> .....	<b>2e(4)</b>		1965108
<b>f</b> Corrective distributions (see instructions) .....	<b>2f</b>		
<b>g</b> Certain deemed distributions of participant loans (see instructions) .....	<b>2g</b>		
<b>h</b> Interest expense .....	<b>2h</b>		
<b>i</b> Administrative expenses:			
(1) Salaries and allowances .....	<b>2i(1)</b>		
(2) Contract administrator fees .....	<b>2i(2)</b>		
(3) Recordkeeping fees .....	<b>2i(3)</b>		
(4) IQPA audit fees .....	<b>2i(4)</b>		
(5) Investment advisory and investment management fees .....	<b>2i(5)</b>		
(6) Bank or trust company trustee/custodial fees .....	<b>2i(6)</b>		
(7) Actuarial fees .....	<b>2i(7)</b>		
(8) Legal fees .....	<b>2i(8)</b>		
(9) Valuation/appraisal fees .....	<b>2i(9)</b>		
(10) Other trustee fees and expenses .....	<b>2i(10)</b>		
(11) Other expenses .....	<b>2i(11)</b>		
(12) Total administrative expenses. Add lines <b>2i(1)</b> through <b>(11)</b> .....	<b>2i(12)</b>		0
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....	<b>2j</b>		1965108

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line <b>2j</b> from line <b>2d</b> .....	<b>2k</b>		5589939
<b>l</b> Transfers of assets:			
(1) To this plan .....	<b>2l(1)</b>		
(2) From this plan .....	<b>2l(2)</b>		

**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: **WEAVER & TIDWELL LLP**

(2) EIN: **75-0786316**

**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
<b>a</b> 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.)		X	
<b>b</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.)		X	
<b>c</b> 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.)		X	
<b>d</b> 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.)		X	
<b>e</b> Was this plan covered by a fidelity bond?	X		500000
<b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
<b>g</b> 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?		X	
<b>h</b> 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?		X	
<b>i</b> Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
<b>j</b> 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.)	X		
<b>k</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
<b>l</b> Has the plan failed to provide any benefit when due under the plan?		X	
<b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
<b>n</b> 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.)

<b>5b(1)</b> Name of plan(s)	<b>5b(2)</b> EIN(s)	<b>5b(3)</b> 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 547407.

<b>SCHEDULE R</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Retirement Plan Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

<b>A</b> Name of plan <u>MACK ENERGY CORPORATION DEFINED BENEFIT RETIREMENT PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>002</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>MACK ENERGY CORPORATION</u>	<b>D</b> Employer Identification Number (EIN) <u>85-0381433</u>	

<b>Part I</b>	<b>Distributions</b>
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**All references to distributions relate only to payments of benefits during the plan year.**

<b>1</b> Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	<b>1</b>	<u>0</u>
---	----------	----------

**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): 73-0780382

**Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.**

<b>3</b> Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year .....	<b>3</b>	<u>3</u>
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<b>Part II</b>	<b>Funding Information</b> (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.**

<b>6 a</b> Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) .....	<b>6a</b>	
<b>b</b> Enter the amount contributed by the employer to the plan for this plan year .....	<b>6b</b>	
<b>c</b> 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).....	<b>6c</b>	

**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

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

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

**10** Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? .....  Yes  No

**11 a** Does the ESOP hold any preferred stock? .....  Yes  No

**b** If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) .....  Yes  No

**12** Does the ESOP hold any stock that is not readily tradable on an established securities market? .....  Yes  No

**Part V Additional Information for Multiemployer Defined Benefit Pension Plans**

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

(2) Base unit measure:  Hourly  Weekly  Unit of production  Other (specify): \_\_\_\_\_

**14** Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

<b>a</b> The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment).....	<b>14a</b>	
<b>b</b> The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	<b>14b</b>	
<b>c</b> The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	<b>14c</b>	

**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:

<b>a</b> The corresponding number for the plan year immediately preceding the current plan year .....	<b>15a</b>	
<b>b</b> The corresponding number for the second preceding plan year .....	<b>15b</b>	

**16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

<b>a</b> Enter the number of employers who withdrew during the preceding plan year .....	<b>16a</b>	
<b>b</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.....	<b>16b</b>	

**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 02 / 28 / 2023 (MM/DD/YYYY) and the Opinion Letter serial number Q705374A.

# **Mack Energy Corporation**

## **Defined Benefit Retirement Plan**

Financial Report

December 31, 2024

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## Supplementary Information

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All other schedules required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 are omitted because of the absence of the conditions under which they would apply.

## Independent Auditor's Report

To the Participants and Plan Administrator of the  
Mack Energy Corporation Defined Benefit Retirement Plan

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

We have performed audits of the financial statements of the Mack Energy Corporation Defined Benefit Retirement Plan (the 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 and accumulated plan benefits as of December 31, 2024 and 2023, and the related statement of changes in net assets available for benefits and changes in accumulated plan benefits for the year ended December 31, 2024, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the 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 (DOL) 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of and for the years ended December 31, 2024 and 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 *Auditor's Responsibilities for the Audit of the Financial Statements* section:

- the amounts and disclosures in the accompanying financial statements, 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 (US GAAP).
- the information in the accompanying financial statements 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 (US GAAS). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our 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 US GAAP, 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 the Plan's ability to continue as a going concern for one year after the date that the financial statements are issued or 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.

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

In performing an audit in accordance with US GAAS, 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 the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

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 US GAAP.

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 US GAAP.

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 — Supplementary Information Required by ERISA***

The supplementary information listed in the table of contents as of and for the year ended December 31, 2024 are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the DOL'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 supplementary information, 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 US GAAS. For information included in the supplementary information that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

In our opinion:

- the form and content of the supplementary information, other than the information in the supplementary information that agrees to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplementary information 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).

*Weaver and Tidwell, L.L.P.*

WEAVER AND TIDWELL, L.L.P.

Dallas, Texas  
October 6, 2025

# Mack Energy Corporation Defined Benefit Retirement Plan

## Statements of Net Assets Available for Benefits

December 31, 2024 and 2023

	<u>2024</u>	<u>2023</u>
<b>ASSETS</b>		
Investments, at fair value	\$ 48,366,712	\$ 44,935,358
Receivables		
Investment income	127,852	69,282
Employer contributions	2,100,000	
Cash	15	-
Total assets	<u>50,594,579</u>	<u>45,004,640</u>
<b>NET ASSETS AVAILABLE FOR BENEFITS</b>	<u>\$ 50,594,579</u>	<u>\$ 45,004,640</u>

The Notes to Financial Statements are an integral part of these statements.

# Mack Energy Corporation Defined Benefit Retirement Plan

## Statement of Changes in Net Assets Available for Benefits

Year Ended December 31, 2024

### ADDITIONS

Employer contributions	\$	4,500,000
Net depreciation in fair value of investments		1,610,934
Interest and dividend income		<u>1,444,113</u>
Total additions		7,555,047

### DEDUCTIONS

Benefits paid directly to participants		<u>1,965,108</u>
Total deductions		<u>1,965,108</u>

Net increase in net assets available for benefits 5,589,939

### NET ASSETS AVAILABLE FOR BENEFITS, beginning of year

45,004,640

### NET ASSETS AVAILABLE FOR BENEFITS, end of year

\$ 50,594,579

# Mack Energy Corporation Defined Benefit Retirement Plan

Statements of Accumulated Plan Benefits  
Years Ended December 31, 2024 and 2023

	<u>2024</u>	<u>2023</u>
<b>ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS</b>		
Vested benefits		
Active participants	\$ 25,528,303	\$ 22,846,149
Participants with deferred benefits	4,705,730	4,846,325
Participants in pay status	<u>19,029,053</u>	<u>18,309,096</u>
Total vested benefits	49,263,086	46,001,570
Nonvested benefits	<u>386,103</u>	<u>140,829</u>
<b>TOTAL ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS</b>	<u>\$ 49,649,189</u>	<u>\$ 46,142,399</u>

The Notes to Financial Statements are an integral part of these statements.

# Mack Energy Corporation Defined Benefit Retirement Plan

## Statement of Changes in Accumulated Plan Benefits

Year Ended December 31, 2024

<b>ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS, beginning of period</b>	\$ 46,142,399
Increase during the period attributable to	
Reduction in discount period	2,709,591
Benefits accumulated and actuarial (gains) / losses	2,317,004
Benefits paid	(1,965,108)
Plan amendments	-
Change in actuarial assumptions	445,303
	<hr/>
Net increase	3,506,790
	<hr/>
<b>ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS, end of period</b>	<u>\$ 49,649,189</u>

# Mack Energy Corporation Defined Benefit Retirement Plan

## Notes to Financial Statements

### Note 1. Description of the Plan

The following description of the Mack Energy Corporation Defined Benefit Retirement Plan (the Plan) provides only general information. Participants should refer to the *Plan document* for a more complete description of the Plan's provisions.

#### General

The Plan is a defined benefit pension plan providing retirement, disability, and death benefits to all eligible employees. The plan sponsor is the Mack Energy Corporation (the Company) and is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). The Plan covers substantially all employees of the Company. Employees are eligible to participate in the Plan the first day of the month after completing three months of service with the Company and are age 21 or older.

The Plan is administered by the Company's Benefits Committee, which includes the Company's Board of Directors. The Benefits Committee is responsible for oversight of the Plan and determines the appropriateness of the Plan's investment offerings, monitors investment performance and reports to the Plan's Board of Trustees.

Redwood Operating LLC was removed effective July 1, 2023 as a participating employer due to the sale of the company and Redwood employee participants would cease to be active.

#### Participant Accounts

Participant-directed investments are not permitted by the Plan. The Plan document designates the Trustee to administer all of the funds of the trust as a discretionary trustee.

#### Funding Policy

The Plan's funding policy is for the Company to contribute an amount which will meet or exceed the annual ERISA minimum funding requirement. During 2024, the Company made contributions of \$4,500,000. Prior to 2017, the Company made contributions in excess of the minimum required contribution, resulting in a credit balance which can be applied against the minimum required contributions in subsequent years. The Company's minimum required contributions for 2024 was \$0, after considering application of credit balances.

Although it has not expressed any intention to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA.

#### Pension Benefits

Employees with 5 or more years of service are entitled to monthly pension benefits beginning at normal retirement age (65) equal to: 1.1 percent of their average monthly compensation plus 1.75 percent of their excess average monthly compensation, each multiplied by their years of service not to exceed 35 years. Average monthly compensation is determined by dividing the total compensation an employee received during the three highest compensation periods for which their compensation was highest by the number of months during such period for which they received compensation. Participants should refer to the Plan document for a detailed description of how benefits are calculated. The normal form of benefit provided is a life annuity with payments terminating upon the death of the Participant.

Participants may receive a benefit for early retirement at age 60 after the completion of 5 years of service. Complete vesting of Participants' interest in the Plan occurs after the completion of 5 years of service. If employees terminate before completing 5 years of service, they forfeit the right to receive the portion of their accumulated plan benefits as a lump-sum distribution upon their retirement or termination. Forfeitures of accumulated plan benefits have the effect of reducing employer contributions for subsequent calculations of minimum contribution amounts.

# **Mack Energy Corporation Defined Benefit Retirement Plan**

## **Notes to Financial Statements**

### **Death and Disability Benefits**

If an active employee terminates service due to permanent disability, they will be eligible for a disability retirement benefit equal to the monthly retirement benefit commencing on their disability retirement date, which is the actuarial equivalent of the participant's vested accrued benefit determined as of their disability retirement date.

## **Note 2. Summary of Significant Accounting Policies**

### **Basis of Accounting**

The accompanying financial statements are prepared using the accrual basis of accounting.

### **Use of Estimates**

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America (US GAAP) requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein, and disclosure of contingent assets and liabilities; and the actuarial present value of accumulated plan benefits at the date of the financial statements, and changes therein. Actual results could differ from those estimates.

### **Investment Valuation and Income Recognition**

Investments are reported at fair value. 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 Benefits Committee determines the Plan's valuation policies utilizing information provided by the investment advisers, trustees, and insurance company. See Note 4 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded at the ex-dividend date. Net appreciation 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 when paid.

### **Administrative Expenses**

The Plan's expenses are paid by the Company, as provided by the Plan document. Expenses that are paid directly by the Company are excluded from these financial statements.

### **Plan Management's Review of Subsequent Events**

The Plan has evaluated subsequent events through October 6, 2025, the date the financial statements were available to be issued.

# Mack Energy Corporation Defined Benefit Retirement Plan

## Notes to Financial Statements

### Note 3. Certified Investments

Certain information related to investments and disclosed in the accompanying financial statements and ERISA-required supplementary information, including investments held at December 31, 2024 and 2023, and net appreciation in fair value of investments and interest and dividends for the years ended December 31, 2024 and 2023, was obtained by management and agreed to or derived from information certified as complete and accurate by BOKF, NA, the trustee of the Plan.

### Note 4. Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those future periodic payments, including lump-sum distributions that are attributable under the Plan's provisions to the services employees have rendered. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries. Benefits under the Plan are accumulated based on employees' compensation during each year of credited service. The accumulated plan benefits for active employees will equal the accumulation, with interest, of the annual benefit accruals as of the benefit information date. Benefits payable under all circumstances (retirement, death, disability, and termination of employment) are included, to the extent they are deemed attributable to employee service rendered prior to the valuation date. Benefits to be provided via annuity contracts excluded from plan assets are excluded from accumulated plan benefits.

The actuarial present value of accumulated plan benefits is determined by the Plan's independent actuary, and is that amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements, such as for death, disability, withdrawal, or retirement) between the valuation date and the expected date of payment.

The significant actuarial assumptions used in the Plan valuations as of January 1, 2024 and 2023 were as follows:

Assumed rate of return on investments:	5.37% for January 1, 2025
	5.24% for January 1, 2024
Mortality basis 2024:	PRI-2012 Total Dataset Mortality Table for Employees, retired, contingent survivor, and disabled rates, with mortality improvements projected generationally using scale MP-2021
Mortality basis 2023:	PRI-2012 Total Dataset Mortality Table for Employees, retired, contingent survivor, and disabled rates, with mortality improvements projected generationally using scale MP-2021
Assumed retirement age:	65

These actuarial assumptions are based on the presumption that the Plan will continue. If the Plan were to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits. The computations of the actuarial present value of accumulated plan benefits were made as of January 1, 2024 and 2023. Had the valuations been performed as of December 31, there would be no material differences.

# Mack Energy Corporation Defined Benefit Retirement Plan

## Notes to Financial Statements

### Note 5. Plan Termination

In the event the Plan terminates, the net assets of the Plan will be allocated, as prescribed by ERISA and its related regulations, generally to provide the following benefits in the order indicated:

1. Benefits attributable to employee contributions, taking into account those paid out before Plan termination.
2. Annuity benefits which former employees or their beneficiaries have been receiving for at least three years, or that employees eligible to retire for that three-year period would have been receiving if they had retired with benefits in the normal form of annuity under the Plan.
3. Other vested benefits insured by the Pension Benefit Guaranty Corporation (PBGC), a U.S. governmental agency, up to the applicable limitations.
4. Benefits attribute to Participants who have reached their Normal Retirement Date but have not retired on the date of termination.
5. All other vested benefits (that is, vested benefits not insured by the PBGC).
6. All nonvested benefits.

Certain benefits under the Plan are insured by the PBGC if the Plan terminates. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits, and certain disability and survivors' pensions. However, the PBGC does not guarantee all types of benefits under the Plan and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination.

Whether all participants receive their benefits, should the Plan terminate at some future time, will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit obligations and may also depend on the level of benefits guaranteed by the PBGC.

# Mack Energy Corporation Defined Benefit Retirement Plan

## Notes to Financial Statements

### Note 6. Fair Value Measurements

Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 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 unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under FASB ASC 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.
- 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; and
  - 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 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, 2024 and 2023.

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 Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Money market funds: Valued using the NAV of the fund shares.

Common stocks: Valued at the closing price reported on the active market on which the individual securities are traded.

Corporate bonds: Valued using pricing models maximizing the use of observable inputs for similar securities. This includes basing value on yields currently available on comparable securities of issuers with similar credit ratings.

# Mack Energy Corporation Defined Benefit Retirement Plan

## Notes to Financial Statements

The following table sets forth by level, within the fair value hierarchy, the Plan's investments at fair value as of December 31, 2024 and 2023:

	2024	2023
Level 1:		
Mutual funds	\$ 29,057,971	\$ 43,400,327
Common Stocks	7,073,678	-
Money market funds	1,643,130	1,535,031
US government obligations	7,456,774	-
Total level 1	45,231,553	44,935,358
Level 2:		
Corporate bonds	3,135,159	-
Total level 2	3,135,159	-
Investments at fair value	\$ 48,366,712	\$ 44,935,358

### Note 7. Risks and Uncertainties

The Plan invests in various investment securities that are exposed to various risks such as interest rates, market and credit risks. Market values of investments may decline for a number of reasons, including changes in prevailing market and interest rates, increases in defaults and credit rating downgrades. Market risks include global events, which could impact the value of investment securities, such as a pandemic or international conflict. 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 some changes could materially affect the amounts reported in the statements of net assets available for benefits.

Plan contributions are determined and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates, and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

### Note 8. Tax Status

Effective January 1, 2025, the Company has adopted a pre-approved plan document that has received an opinion letter from the Internal Revenue Service (IRS) dated February 28, 2023 stating that the form of the pre-approved plan document was in compliance with the applicable requirements of the Internal Revenue Code (IRC).

Prior to January 1, 2025, the Plan obtained its latest determination letter dated May 5, 2020, in which the (IRS) stated that the Plan and related trust, as then designed, were in compliance with the applicable requirements of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the determination letter, the Plan administrator believes that the Plan is designed, and is currently being operated, in compliance with the applicable requirements of the IRC and, therefore, believes that the Plan is qualified, and the related trust is tax-exempt.

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

# **Mack Energy Corporation Defined Benefit Retirement Plan**

## Notes to Financial Statements

### **Note 9. Related-Party and Party-in-Interest Transactions**

Certain Plan investments are managed by BOKF, NA, the trustee and custodian for the Plan. Milliman, Inc. provides actuarial and related services for the Plan. As described in Note 2, the Company paid certain expenses related to plan operations and investment activity to various services providers. These transactions are party-in-interest transactions under ERISA.

## **Supplementary Information**

# Mack Energy Corporation Defined Benefit Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

Plan #002 / EIN: 85-0381433

December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of investment, collateral, par, or maturity value	Cost	Fair value
	<b>Mutual funds:</b>			
	Fidelity Intl Indx-Inst	Mutual fund	\$ -	\$ 3,349,282
	Fidelity M/C Indx-Inst Prem	Mutual fund	-	1,058,269
	Invesco Dev Mkt-R6 #7038	Mutual fund	-	1,439,388
	Ishares Russell 1000 L/C	Mutual fund	-	5,938,672
	Macquarie Extended Dur Bd-Inst #0467	Mutual fund	-	6,563,459
	Pimco L/T Credit Bd-Inst #1945	Mutual fund	-	4,455,845
	Vanguard L/T Corp Bd Indx-Adm #1947	Mutual fund	-	6,253,056
	<b>Common stock:</b>			
	Arista Networks Inc	Common stock	-	14,590
	Cactus Inc Cl A	Common stock	-	10,446
	Chevron Corp	Common stock	-	41,714
	Diamondback Energy Inc	Common stock	-	18,024
	Eqst Corporation	Common stock	-	15,170
	Exxon Mobil Corp	Common stock	-	105,096
	Liberty Oilfield Services Inc	Common stock	-	13,207
	Magnolia Oil & Gas Corp	Common stock	-	10,427
	Northern Oil And Gas Inc	Common stock	-	10,553
	Occidental Petrole Corp	Common stock	-	10,277
	Technipfmc Plc	Common stock	-	25,901
	Teekay Tankers Ltd	Common stock	-	11,738
	Advansix Inc	Common stock	-	5,470
	Alpha Metallurgical Res Inc	Common stock	-	12,407
	Berry Global Group Inc	Common stock	-	30,524
	Boise Cascade Co	Common stock	-	15,571
	Builders Firstsource Inc	Common stock	-	32,016
	Carlisle Cos Inc	Common stock	-	94,792
	Central Garden & Pet Company	Common stock	-	5,949
	Commercial Metals Co	Common stock	-	5,754
	Consol Energy In	Common stock	-	20,803
	Hawkins Inc	Common stock	-	6,256
	Ingredion Inc	Common stock	-	63,690
	Innospec Inc	Common stock	-	6,494
	John B Sanfilippo & Son Inc	Common stock	-	6,185
	Lennar Corp-Cl A	Common stock	-	15,410
	M/I Homes Inc	Common stock	-	10,636
	Mueller Industries Inc	Common stock	-	22,856
	Newmont Corp Usd 1.6	Common stock	-	14,590
	Peabody Energy Corp	Common stock	-	10,700
	Snap-On Inc	Common stock	-	21,048
	Sylvamo Corp	Common stock	-	12,169
	Ufp Industries Inc	Common stock	-	16,222
	Airbnb Inc	Common stock	-	16,952
	Alphabet Inc Cl A	Common stock	-	125,695
	Alphabet Inc Cl C	Common stock	-	125,881
	Arcbest Corp	Common stock	-	16,704
	Axon Enterprise In	Common stock	-	11,292
	Danaher Corp	Common stock	-	14,232
	Everquote Inc	Common stock	-	7,676
	Expedia Group Inc	Common stock	-	17,888
	Hunt (Jb) Transprt Svcs Inc	Common stock	-	30,719
	Illinois Tool Works	Common stock	-	27,384
	Iqvia Holdings Inc	Common stock	-	15,721
	L3Harris Technologies Inc	Common stock	-	40,163
	Lockheed Martin Corp	Common stock	-	24,297

# Mack Energy Corporation Defined Benefit Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - Continued

Plan #002 / EIN: 85-0381433

December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of investment, collateral, par, or maturity value	Cost	Fair value
	<b>Common stock - continued:</b>			
	Matson Inc	Common stock	-	20,226
	Meta Platforms Inc	Common stock	-	224,250
	Norfolk Southern Corp	Common stock	-	41,542
	Quest Diagnostics	Common stock	-	91,723
	Regal Rexnord Corporation	Common stock	-	34,594
	Scholastic Corp	Common stock	-	5,716
	Shutter Stock	Common stock	-	6,677
	Sterling Infrastructure, Inc	Common stock	-	16,508
	Tennant Co	Common stock	-	11,822
	Thermo Fisher Scientific Inc	Common stock	-	42,659
	United Parcel Service-CI B	Common stock	-	13,241
	Wiley(John) & Sons -CI A	Common stock	-	6,775
	Yelp Inc	Common stock	-	7,082
	Amazon.Com Inc	Common stock	-	224,875
	Autonation Inc	Common stock	-	20,381
	Build-A-Bear Workshop Inc	Common stock	-	14,825
	Cargurus Inc	Common stock	-	6,796
	Cintas Corp	Common stock	-	79,657
	Costco Wholesalecorp	Common stock	-	44,897
	Frontdoor Inc	Common stock	-	12,301
	Fti Consulting Inc	Common stock	-	18,540
	Gap Inc/The	Common stock	-	14,792
	Kforce Inc	Common stock	-	13,438
	Perdoceo Education Corp	Common stock	-	12,626
	Shoe Carnival Inc	Common stock	-	12,504
	Target Corp	Common stock	-	11,220
	Tesla Inc	Common stock	-	107,825
	The Buckle Inc	Common stock	-	12,652
	Transunion	Common stock	-	27,720
	Walmart, Inc	Common stock	-	66,136
	Williams-Sonoma Inc	Common stock	-	42,221
	Winmarkcorp	Common stock	-	11,006
	Apple Inc Com	Common stock	-	416,949
	Boston Beer Company	Common stock	-	13,799
	Coca-Cola Co/The	Common stock	-	30,694
	Colgate-Palmolive Co	Common stock	-	44,910
	Corteva Inc	Common stock	-	12,246
	Dole Plc	Common stock	-	5,660
	Fresh Del Monte Produce	Common stock	-	6,077
	Hershey Co/The	Common stock	-	24,217
	Hims & Hers Health Inc	Common stock	-	9,043
	Kimberly-Clark Corp	Common stock	-	18,608
	Masterbrand Inc	Common stock	-	15,837
	Mcdonald'S Corp	Common stock	-	31,598
	National Beverage Corp	Common stock	-	5,632
	Patrick Industries Inc	Common stock	-	23,553
	Pepsico Inc	Common stock	-	41,208
	Procter & Gamble Co	Common stock	-	33,027
	Spartannash Co	Common stock	-	5,881
	Vita Coco Co Inc/The	Common stock	-	6,201
	Vital Farms Inc	Common stock	-	6,483
	Yum Brands Inc	Common stock	-	25,893
	Abbvie Inc	Common stock	-	70,192
	Addus Homecare Corp	Common stock	-	12,660
	Amn Healthcare Services	Common stock	-	11,099
	Aptargroup Inc	Common stock	-	14,925

# Mack Energy Corporation Defined Benefit Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - Continued

Plan #002 / EIN: 85-0381433

December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of investment, collateral, par, or maturity value	Cost	Fair value
<b>Common stock - continued:</b>				
	Cigna Group	Common stock	-	41,973
	Collegium Pharmaceutical Inc	Common stock	-	11,661
	Edwards Lifesciences Corp	Common stock	-	18,433
	Eli Lilly & Co	Common stock	-	74,112
	Encompass Health Corporation	Common stock	-	17,454
	Ensign Group Inc Com	Common stock	-	11,293
	Gilead Sciences Inc	Common stock	-	43,968
	Johnson & Johnson	Common stock	-	42,374
	Lantheus Holdings Inc	Common stock	-	12,882
	Medtronic Plc	Common stock	-	46,969
	Merck & Co Inc/Nj	Common stock	-	68,442
	National Healthcare Corp	Common stock	-	7,529
	Pacira Biosciences Inc	Common stock	-	11,926
	Prestige Consumer Healthcare Inc	Common stock	-	11,323
	Select Medical Holdings Corp	Common stock	-	11,612
	Supernus Pharmaceuticals Inc	Common stock	-	12,439
	Tenet Healthcare	Common stock	-	6,690
	Unitedhealth Group Inc	Common stock	-	46,033
	Zoetis Inc	Common stock	-	18,900
	Acadian Asset Management Inc	Common stock	-	8,771
	Allstate Corp	Common stock	-	25,063
	Ameriprise Financial Inc	Common stock	-	76,137
	Bank Of America Corp	Common stock	-	30,721
	Berkshire Hathaway Inc-Cl B	Common stock	-	92,469
	Bread Financial Holdings,	Common stock	-	14,044
	Donnelley Financial Solutions	Common stock	-	13,424
	Enova International Inc	Common stock	-	24,833
	Everest Group, Ltd	Common stock	-	18,123
	Firstcash Holdings Inc	Common stock	-	12,743
	Goldman Sachs Group Inc	Common stock	-	38,366
	Hartford Financial Svcs Grp	Common stock	-	36,977
	Hci Group Inc	Common stock	-	12,935
	Jackson Financial Inc	Common stock	-	12,888
	Jpmorgan Chase & Co	Common stock	-	101,158
	Mastercard Inc - Class A	Common stock	-	48,971
	Mercury General Corp	Common stock	-	12,631
	Nmi Holdings Inc. Common	Common stock	-	12,094
	Pathward Financial, Inc.	Common stock	-	23,840
	Pjt Partners Inc	Common stock	-	12,467
	Preferred Bank/Los Angeles Ca	Common stock	-	8,897
	Progressive Corp	Common stock	-	41,213
	Prudential Financial Inc	Common stock	-	66,140
	S&P Global Inc	Common stock	-	46,317
	Stonex Group Inc	Common stock	-	13,814
	Synchrony Financial	Common stock	-	85,540
	Us Bancorp	Common stock	-	45,869
	Visa Inc-Class A Shares	Common stock	-	55,623
	World Acceptance Cor	Common stock	-	3,711
	Adobe Inc	Common stock	-	44,913
	Advanced Micro Devices	Common stock	-	21,501
	Applied Materials Inc	Common stock	-	50,415
	Atkore International Group Inc	Common stock	-	21,280
	Box Inc Class A	Common stock	-	18,739
	Broadcom Inc	Common stock	-	171,330
	Cadence Design Sys Inc	Common stock	-	74,815

# Mack Energy Corporation Defined Benefit Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

Plan #002 / EIN: 85-0381433

December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of investment, collateral, par, or maturity value	Cost	Fair value
	<b>Common stock - continued:</b>			
	Catalyst Pharmaceuticals Inc	Common stock	-	12,125
	Commvault Systems Inc	Common stock	-	17,656
	Fair Isaac Corp	Common stock	-	65,701
	Gigacloud Technology Inc	Common stock	-	10,686
	Hackett Group	Common stock	-	4,239
	Harmony Biosciences Holdings I	Common stock	-	13,041
	Innoviva Inc Npv	Common stock	-	11,642
	Insight Enterprises Inc	Common stock	-	18,100
	Interdigital Inc	Common stock	-	18,985
	Kla Corporation	Common stock	-	27,095
	Leidos Holdings Inc	Common stock	-	15,558
	Microsoft Corp	Common stock	-	374,292
	Nvidia Corp	Common stock	-	381,921
	Oracle Corp	Common stock	-	38,994
	Photonics Inc	Common stock	-	13,476
	Progress Softwarecorp	Common stock	-	19,480
	Qorvo Inc	Common stock	-	17,343
	Qualcomm Inc	Common stock	-	24,733
	Qualys Inc	Common stock	-	18,649
	Regeneron Pharmaceuticals	Common stock	-	9,973
	Ringcentral Inc	Common stock	-	20,586
	Sarepta Therapeutics Inc	Common stock	-	11,429
	Scansource Inc	Common stock	-	13,428
	Shift4 Payments Inc	Common stock	-	27,398
	Sps Commerce Inc	Common stock	-	19,687
	Uber Technologies Inc	Common stock	-	11,039
	United Therapeutics Corp	Common stock	-	27,874
	Verisign Inc	Common stock	-	28,974
	Charter Communications Inc	Common stock	-	17,824
	Cisco Systems Inc	Common stock	-	124,024
	Comcast Corp-Cl A	Common stock	-	29,611
	Netflix Inc	Common stock	-	42,783
	Verizon Communications Inc	Common stock	-	29,633
	Chesapeake Utilities Corp	Common stock	-	6,068
	Mge Energy Inc	Common stock	-	6,107
	Northwestern Energy Group, Inc	Common stock	-	7,003
	One Gas Inc	Common stock	-	6,648
	Otter Tail Corp	Common stock	-	12,774
	Public Service Enterprise Gp	Common stock	-	76,041
	Southwest Gas Holdings Inc	Common stock	-	6,081
	Until Corp	Common stock	-	4,660
	Apple Hospitality Inc Reit	Common stock	-	8,028
	Caretrust Inc Reit	Common stock	-	7,736
	Copt Defense Properties	Common stock	-	7,954
	Diamondrock Hospitality	Common stock	-	7,910
	Highwoods Properties Inc Reit	Common stock	-	24,709
	Innovative Industrial Properties Reit	Common stock	-	5,265
	Lamar Advertising Co Reit	Common stock	-	27,513
	Public Storage Inc Reit	Common stock	-	48,809
	Ryman Hospitality Reit	Common stock	-	14,816
	Tanger Inc	Common stock	-	7,884
	<b>Money market funds:</b>			
	Invesco Govt&Agency-Inst Fd#1901	Money market funds	-	950,480
*	Cavanal Hill Govt Sec Mmkt -Admin 001	Money market funds	-	692,650

# Mack Energy Corporation Defined Benefit Retirement Plan

## Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

Plan #002 / EIN: 85-0381433  
December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of investment, collateral, par, or maturity value	Cost	Fair value
	<b>Corporate bonds:</b>			
	Fh1b @ 5.38% Due 12/05/2034	US government obligations	-	279,700
	Fhr Ser 2121 CI Ph @ 6.5% Due 02/15/2029	US government obligations	-	290,784
	Fhr Ser 4047 CI Cx @ 3.5% Due 05/15/2042	US government obligations	-	203,417
	Fhr Ser 5055 CI Ae @ 1.25% Due 12/25/2050	US government obligations	-	170,590
	Fhr Ser 5451 CI Cz @ 5% Due 09/25/2054	US government obligations	-	112,388
	Fngt Ser 2000-T6 CI A1 @ 7.500% Due 06/25/2030	US government obligations	-	255,868
	Fnma Pool #Ma5164 @ 5.000% Due 10/01/2053	US government obligations	-	274,410
	Fnr Ser 2011-98 CI Jz@ 5% Due 10/25/2041	US government obligations	-	170,323
	Fnr Ser 2018-76 CI Vm@ 4% Due 02/25/2039	US government obligations	-	96,583
	Fnr Ser 2020-91 CI Mb@ 1.25% Due 12/25/2050	US government obligations	-	174,904
	Fnr Ser 2024-82 CI B@ 5% Due 09/25/2048	US government obligations	-	218,903
	Fnw Ser 2002-W4 CI A4@ 6.25% Due 05/25/2042	US government obligations	-	265,115
	Fnw Ser 2005-W1 CI 1A4@ 7.5% Due 10/25/2044	US government obligations	-	104,676
	Fpsc Ser T-58 CI 4A@ 7.500% Due 09/25/2043	US government obligations	-	270,887
	Cmsi Ser 2005-5 CI 1A1@ 5.250% Due 08/25/2035 Cmo Lottery Bond	Corporate bonds	-	43,604
	Cwhl Ser 2004-9 CI A5@ 5.250% Due 06/25/2034 10% Cleanup Cmo Lottery Bond	Corporate bonds	-	49,002
	Cfab Ser 2003-1 CI 2A2 Flt Rt Due 11/25/2032	Corporate bonds	-	132,621
	Cwhel Ser 2007-A CI A Flt Rt Due 04/15/2037	Corporate bonds	-	220,695
	Cwl Ser 2004-6 CI 1A1 Flt Rt Due 12/25/2034	Corporate bonds	-	274,197
	Flx Ser 2021-1A CI A2 @ 3.250% Due 11/27/2051	Corporate bonds	-	112,999
	Heat Ser 2004-7 CI A1 Flt Rt Due 01/25/2035	Corporate bonds	-	118,761
	Sail Ser 2003-Bc1 CI A2 Flt Rt Due 01/25/2033	Corporate bonds	-	169,548
	Sdcp Ser 2020-1 CI A2@ 3.812% Due 04/20/2045	Corporate bonds	-	238,931
	Tmcl Ser 2020-1A CI A@ 2.730% Due 08/21/2045	Corporate bonds	-	239,472
	Tmcl Ser 2020-2A CI A@ 2.100% Due 09/20/2045	Corporate bonds	-	54,437
	Altria Group Inc @10.200% Due 02/06/2039	Corporate bonds	-	138,279
	Amer Airline 16-2 Aa Ptt @ 3.200% Due 06/15/2028	Corporate bonds	-	218,589
	Amer Airln 15-2 Aa Ptt @ 3.6% Due 09/22/2027	Corporate bonds	-	219,234
	Charles Schwab Corp Var Rt Perpetual	Corporate bonds	-	193,440
	Copt Defense Prop Lp @ 2.9% Due 12/01/2033	Corporate bonds	-	136,573
	Dow Chemical Co/The @ 4.625% Due 10/01/2044	Corporate bonds	-	113,612
	Helmerich & Payne Inc @ 2.900% Due 09/29/2031	Corporate bonds	-	195,492
	Us Bancorp Var Rt Perpetual	Corporate bonds	-	184,421
	Western Union Co @ 1.350% Due 03/15/2026	Corporate bonds	-	81,251
	Vanguard Intrm - Term Invtm-Adm #0571	Corporate bonds	-	1
	<b>US government obligations</b>			
	US Treas Bond @ 1.875% 02/15/2051	US government obligations	-	695,113
	US Treas Note @ 0.250% 05/31/2025	US government obligations	-	344,320
	US Treas Note @ 1.500% 02/15/2030	US government obligations	-	52,099
	US Treas Note @ 1.500% 11/30/2028	US government obligations	-	336,799
	US Treas Note @ 2.875% 05/15/2032	US government obligations	-	80,829
	US Treas Note @ 4.125% 09/30/2027	US government obligations	-	2,988,150
	US Treas Note @ 3.875% 08/15/2034	US government obligations	-	70,916
			\$ -	\$ 48,366,712

\* Party-in-interest, as defined by ERISA

# Mack Energy Corporation Defined Benefit Retirement Plan

Schedule H, Line 4j – Schedule of Reportable Transactions

Plan #002 / EIN: 85-0381433

December 31, 2024

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Identity of party involved	Description of asset	Purchase price	Selling price	Lease rental	Expenses incurred with transaction	Cost of asset sold	Current value of asset on Transaction date	Net gain/ (loss)
Series of Transactions in Same Security in Excess of 5%								
Caval Hill Govt Sec Mmkt-Admin 001	Money market	\$ 1,236,308	\$ 1,179,220	\$ -	\$ -	\$ 1,236,308	\$ 1,179,220	\$ -

**Schedule SB, Line 26 – Schedule of Active Participant Data**  
**Plan Name: Mack Energy Corporation Defined Benefit Retirement Plan**  
**EIN 85-0381433 / PN 002**

**Active Participants by Age and Service**

The number of active participants, summarized by attained age and years of credited service as of January 1, 2024, is shown below.

Age	Years of Credited Service										Total	
	0	1–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40+		
0–24	-	3	-	-	-	-	-	-	-	-	-	3
25–29	-	-	1	-	-	-	-	-	-	-	-	1
30–34	-	-	3	2	-	-	-	-	-	-	-	5
35–39	1	2	2	7	2	-	-	-	-	-	-	14
40–44	1	4	3	3	2	1	-	-	-	-	-	14
45–49	-	5	3	3	-	4	-	-	-	-	-	15
50–54	-	1	1	2	3	-	1	2	-	-	-	10
55–59	-	-	3	4	5	1	-	1	1	-	-	15
60–64	-	-	-	2	4	1	1	1	-	1	1	10
65–69	-	-	-	-	1	-	1	1	1	1	1	5
70+	-	1	-	-	-	-	-	-	-	-	-	1
<b>Total</b>	<b>2</b>	<b>16</b>	<b>16</b>	<b>23</b>	<b>17</b>	<b>7</b>	<b>3</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>93</b>	

**Schedule SB, Part V – Statement of Actuarial Assumptions/Methods**  
**Plan Name: Mack Energy Corporation Defined Benefit Retirement Plan**  
**EIN 85-381433 / PN 002**

## **Appendix A – Summary of Actuarial Methods**

The ultimate cost of a pension plan is the excess of actual benefits and administrative expenses paid over actual net investment return on plan assets during the plan's existence until the last payment has been made to the last participant. A plan's "actuarial cost method" determines the expected incidence of actuarial costs by allocating portions of the ultimate cost to each plan year. The cost method is thus a budgeting tool to help ensure that a plan will be adequately and systematically funded. Annual contributions are also affected by a plan's "asset valuation method" (as well as plan provisions, actuarial assumptions, and actual plan demographic and investment experience each year).

### **Actuarial Cost Method**

The actuarial cost method used for determining the Plan's ERISA funding requirements and the FASB ASC Topic 960 values is the Unit Credit method. Under this method, an accrued benefit is determined at each active participant's assumed retirement age based on compensation and service at both the beginning and the end of the current year. The Plan's normal cost is the sum of the present value of the excess of each active participant's accrued benefit at the end of the current year over that at the beginning of the current year. The Plan's accrued liability is the sum of (a) the present value of each active participant's accrued benefit at the beginning of the current year plus (b) the present value of each inactive participant's benefits.

### **Asset Valuation Method**

The Actuarial Value of Assets used for determining the Plan's ERISA funding requirements is equal to the Adjusted Market Value of Assets minus a decreasing fraction of the investment gain or loss for the two immediately preceding plan years, but it cannot be less than 90% nor more than 110% of the Adjusted Market Value of Assets. The expected investment return for a plan year is based on the lesser of the expected rate of return on plan assets (currently 6.00% per year effective January 1, 2017) or the applicable statutory interest rate for the year.

### **Amortization Method**

For the Plan's ERISA funding requirements, incremental Funding Shortfall amounts are amortized over a fifteen-year period, and the related shortfall amortization payment is determined on the first valuation date following the plan year in which it arises based on the segment rates used for ERISA minimum funding purposes on that date, as prescribed under IRC Section 430.

### **Changes in Actuarial Methods Since Prior Valuation**

None.

**Schedule SB, Part V – Statement of Actuarial Assumptions/Methods**  
**Plan Name: Mack Energy Corporation Defined Benefit Retirement Plan**  
**EIN 85-381433 / PN 002**

## Summary of Actuarial Assumptions

### ECONOMIC ASSUMPTIONS

#### Interest Rates

The current funding interest rates are as follows. The funding interest rates are prescribed under IRS regulations based on the Plan Sponsor's interest rate election.

	Minimum Funding	Maximum Deductible
Segment 1 (0–5 years)	4.75%	4.37%
Segment 2 (5–20 years)	4.96%	4.96%
Segment 3 (20+ years)	5.59%	4.95%
Effective Interest Rate	5.24%	4.93%

**ERISA minimum funding:** 24-month average segment rates, using a zero-month lookback period (adopted January 1, 2008), adjusted to reflect the applicable segment rate stabilization corridor. These rates include adoption of the ARPA interest rate relief.

**Maximum Deductible Contribution:** 24-month average segment rates, using a zero-month lookback period, but not adjusted to reflect segment rate stabilization.

**FASB ASC Topic 960:** 6.00% per year (adopted January 1, 2017). This is the assumed rate of return for the Plan's entire portfolio of assets, net of investment expenses. It is based on the Plan's investment policy and capital market expectations, including target asset allocation.

#### Asset Returns

**ERISA minimum funding and Maximum Deductible Contribution:** 6.00% per year (adopted January 1, 2017). It is based on the Plan's investment policy, including target asset allocation, and Milliman's capital market expectations.

#### Compensation Increases

3.50% per year, with increases assumed to occur at beginning of year. It is based on review of past experience and an estimate of future experience.

#### Inflation (CPI)

2.20% per year. It is based on Milliman's capital market expectations.

#### Maximum Benefit and Annual Compensation Limitation Increases

**ERISA minimum funding and Maximum Deductible Contribution:** 0% per year as required by statute.

**FASB ASC Topic 960:** The assumed compensation increase assumption of 3.50% per year.

#### Postretirement Benefit Increases

None. (The Plan does not provide for automatic postretirement benefit increases.)

**Schedule SB, Part V – Statement of Actuarial Assumptions/Methods**  
**Plan Name: Mack Energy Corporation Defined Benefit Retirement Plan**  
**EIN 85-381433 / PN 002**

**Social Security Taxable Wage Base Increases**

3.00% per year. It is based on the assumed inflation assumption of 2.20% per year plus the productivity growth assumption of 0.80% per year.

**Administrative Expenses**

None assumed payable from plan assets.

**DEMOGRAPHIC ASSUMPTIONS**

Except where noted, all demographic assumptions are based on the actuary’s judgment and continual review of experience.

**Mortality**

**ERISA minimum funding, Maximum Deductible Contribution, and PBGC premium:** Effective January 1, 2024, mortality was updated as prescribed by IRC Section 430(h)(3)(A). The mortality assumption was updated to comply with IRS and PBGC requirements.

**FASB ASC Topic 960:**

*Base Table:* Pri-2012 Total Dataset mortality tables (Employee, Retired, Contingent Survivor and Disabled, as appropriate).

*Projection:* Generational projection using Projection Scale MP-2021 (male and female as appropriate).

**Retirement**

Annual rates of retirement are shown in the following table for active participants who are eligible to retire.

Age	Rate
60	10%
61	10%
62	25%
63-64	15%
65 & Over	100%

Terminated vested participants are assumed to retire at age 65.

**Termination**

Annual rates of termination are based on age and sex. Sample rates are shown in the following table.

Attained Age	Male
25	19.5%
30	15.5
35	12.1
40	9.4
45	7.3
50	5.6
55	4.2
60	3.0

**Schedule SB, Part V – Statement of Actuarial Assumptions/Methods**  
**Plan Name: Mack Energy Corporation Defined Benefit Retirement Plan**  
**EIN 85-381433 / PN 002**

**Disability**

Rates are based on the 1996 Social Security Disability Table.

**Decrement Timing**

Decrements are assumed to occur at the middle of the year, except that 100% retirement (see above) is assumed to occur at the beginning of the year.

**Form of Payment**

Life Annuity.

**Marital Characteristics**

**For participants not in pay status:** 80% of participants are assumed to be married to a spouse of the opposite sex. Males are assumed to be 3 years older than females.

**For participants in pay status:** Actual birth dates of spouses are included in the census data, where relevant.

# Mack Energy Corporation Defined Benefit Retirement Plan

Schedule H, Line 4j – Schedule of Reportable Transactions

Plan #002 / EIN: 85-0381433

December 31, 2024

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Identity of party involved	Description of asset	Purchase price	Selling price	Lease rental	Expenses incurred with transaction	Cost of asset sold	Current value of asset on Transaction date	Net gain/ (loss)
Series of Transactions in Same Security in Excess of 5%								
Caval Hill Govt Sec Mmkt-Admin 001	Money market	\$ 1,236,308	\$ 1,179,220	\$ -	\$ -	\$ 1,236,308	\$ 1,179,220	\$ -

**SCHEDULE SB  
(Form 5500)**

Department of the Treasury  
Internal Revenue Service

Department of Labor  
Employee Benefits Security Administration  
Pension Benefit Guaranty Corporation

**Single-Employer Defined Benefit Plan  
Actuarial Information**

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

**2024**

**This Form is Open to Public Inspection**

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

<b>A</b> Name of plan Mack Energy Corporation Defined Benefit Retirement Plan	<b>B</b> Three-digit plan number (PN) ▶	002
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Mack Energy Corporation	<b>D</b> Employer Identification Number (EIN) 85-0381433	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	<b>F</b> Prior year plan size: <input type="checkbox"/> 100 or fewer <input checked="" type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

**Part I Basic Information**

<b>1</b>	Enter the valuation date: Month <u>1</u> Day <u>1</u> Year <u>2024</u>			
<b>2</b>	Assets:			
	<b>a</b> Market value .....	<b>2a</b>	45,004,640	
	<b>b</b> Actuarial value .....	<b>2b</b>	46,716,508	
<b>3</b>	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
	<b>a</b> For retired participants and beneficiaries receiving payment.....	94	19,604,701	19,604,701
	<b>b</b> For terminated vested participants.....	74	5,362,980	5,362,980
	<b>c</b> For active participants .....	93	24,956,140	25,137,728
	<b>d</b> Total.....	261	49,923,821	50,105,409
<b>4</b>	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
	<b>a</b> Funding target disregarding prescribed at-risk assumptions .....	<b>4a</b>		
	<b>b</b> Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	<b>4b</b>		
<b>5</b>	Effective interest rate .....	<b>5</b>	5.24 %	
<b>6</b>	Target normal cost.....			
	<b>a</b> Present value of current plan year accruals.....	<b>6a</b>	2,998,553	
	<b>b</b> Expected plan-related expenses .....	<b>6b</b>	0	
	<b>c</b> Target normal cost .....	<b>6c</b>	2,998,553	

**Statement by Enrolled Actuary**

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

<b>SIGN HERE</b>	Signature of actuary	Date
	David Kent, FSA, EA	23-06587
	Type or print name of actuary	Most recent enrollment number
	Milliman, Inc.	(214) 863-5500
	Firm name	Telephone number (including area code)
	12790 Merrit Drive, Suite 800	
	Dallas TX 75251	
	Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2024  
v. 240311

<b>Part II Beginning of Year Carryover and Prefunding Balances</b>		(a) Carryover balance	(b) Prefunding balance
<b>7</b>	Balance at beginning of prior year after applicable adjustments (line 13 from prior year) .....	0	5,438,310
<b>8</b>	Portion elected for use to offset prior year's funding requirement (line 35 from prior year) .....	0	609,996
<b>9</b>	Amount remaining (line 7 minus line 8) .....	0	4,828,314
<b>10</b>	Interest on line 9 using prior year's actual return of <u>13.32</u> % .....	0	643,131
<b>11</b>	Prior year's excess contributions to be added to prefunding balance:		
	<b>a</b> Present value of excess contributions (line 38a from prior year) .....		0
	<b>b(1)</b> Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.33</u> % .....		0
	<b>b(2)</b> Interest on line 38b from prior year Schedule SB, using prior year's actual return .....		0
	<b>c</b> Total available at beginning of current plan year to add to prefunding balance .....		0
	<b>d</b> Portion of (c) to be added to prefunding balance .....		0
<b>12</b>	Other reductions in balances due to elections or deemed elections .....	0	0
<b>13</b>	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12) .....	0	5,471,445

<b>Part III Funding Percentages</b>			
<b>14</b>	Funding target attainment percentage .....	<b>14</b>	82.31%
<b>15</b>	Adjusted funding target attainment percentage .....	<b>15</b>	82.31%
<b>16</b>	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement .....	<b>16</b>	82.30%
<b>17</b>	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage .....	<b>17</b>	%

<b>Part IV Contributions and Liquidity Shortfalls</b>					
<b>18</b> Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
01/31/2024	200,000		08/01/2024	200,000	
02/29/2024	200,000		08/30/2024	200,000	
03/28/2024	200,000		10/01/2024	200,000	
04/30/2024	200,000		10/31/2024	200,000	
05/30/2024	200,000		11/27/2024	200,000	
06/28/2024	200,000		12/31/2024	200,000	
			<b>Totals ▶</b>	<b>18(b)</b>	<b>18(c)</b>
				4,500,000	0

<b>19</b> Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:			
<b>a</b>	Contributions allocated toward unpaid minimum required contributions from prior years .....	<b>19a</b>	0
<b>b</b>	Contributions made to avoid restrictions adjusted to valuation date .....	<b>19b</b>	0
<b>c</b>	Contributions allocated toward minimum required contribution for current year adjusted to valuation date .....	<b>19c</b>	4,290,814
<b>20</b> Quarterly contributions and liquidity shortfalls:			
<b>a</b>	Did the plan have a "funding shortfall" for the prior year? .....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>b</b>	If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? .....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>c</b>	If line 20a is "Yes," see instructions and complete the following table as applicable:		

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

**Part V Assumptions Used to Determine Funding Target and Target Normal Cost**

**21** Discount rate:

<b>a</b> Segment rates:	1st segment: 4.75 %	2nd segment: 4.96 %	3rd segment: 5.59 %	<input type="checkbox"/> N/A, full yield curve used
-------------------------	------------------------	------------------------	------------------------	---

**b** Applicable month (enter code) ..... **21b** 0

**22** Weighted average retirement age ..... **22** 63

**23** Mortality table(s) (see instructions)  Prescribed - combined  Prescribed - separate  Substitute

**Part VI Miscellaneous Items**

**24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.....  Yes  No

**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.....  Yes  No

**26** Demographic and benefit information

**a** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....  Yes  No

**b** Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment...  Yes  No

**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment..... **27**

**Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years**

<b>28</b> Unpaid minimum required contributions for all prior years.....	<b>28</b>	0
<b>29</b> Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	<b>29</b>	0
<b>30</b> Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....	<b>30</b>	0

**Part VIII Minimum Required Contribution For Current Year**

**31** Target normal cost and excess assets (see instructions):

<b>a</b> Target normal cost (line 6c) .....	<b>31a</b>	2,998,553
<b>b</b> Excess assets, if applicable, but not greater than line 31a .....	<b>31b</b>	0

<b>32</b> Amortization installments:	Outstanding Balance	Installment
<b>a</b> Net shortfall amortization installment .....	8,860,346	844,407
<b>b</b> Waiver amortization installment .....		

**33** If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month \_\_\_\_\_ Day \_\_\_\_\_ Year \_\_\_\_\_) and the waived amount..... **33**

<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....	<b>34</b>	3,842,960
	Carryover balance	Prefunding balance
<b>35</b> Balances elected for use to offset funding requirement .....	0	352,123
<b>36</b> Additional cash requirement (line 34 minus line 35) .....	<b>36</b>	3,490,837
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) .....	<b>37</b>	4,290,814

**38** Present value of excess contributions for current year (see instructions)

<b>a</b> Total (excess, if any, of line 37 over line 36) .....	<b>38a</b>	799,977
<b>b</b> Portion included in line 38a attributable to use of prefunding and funding standard carryover balances.....	<b>38b</b>	0

**39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)..... **39** 0

**40** Unpaid minimum required contributions for all years..... **40** 0

**Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**

**41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies.  2019  2020  2021



Schedule SB, Line 22 - Description of Weighted Average Retirement Age

Mack Energy Corporation Defined Benefit Retirement Plan

EIN 85-0381433

Plan No. 002

Age	# lives	Ret Rate	# Retiring	Product (Age x #Ret)
60	1000.00	0.10	100.00	6000.00
61	900.00	0.10	90.00	5490.00
62	810.00	0.25	202.50	12555.00
63	607.50	0.15	91.13	5740.88
64	516.38	0.15	77.46	4957.20
65	438.92	1.00	438.92	28529.72

63272.79 Total of Product column  
63 Weighted Average Retirement Age

**Schedule SB, Part V – Summary of Plan Provisions**  
**Plan Name: Mack Energy Corporation Defined Benefit Retirement Plan**  
**EIN 85-0381433 / PN 002**

## Summary of Principal Plan Provisions

This summary of plan provisions is intended to only describe the essential features of the Plan. All eligibility requirements and benefit amounts shall be determined in strict accordance with the plan document itself.

### Definitions

**Accrued Benefit:** 1.1% of Average Monthly Compensation plus 0.65% of Excess Average Monthly Compensation, each multiplied by years of Credited Service up to 35 years as of the date of determination. Payable in monthly installments.

**Actuarially Equivalent:** Equality in value such that the present value of the amount under any form of payment is essentially the same as the present value of the amount under the normal form of annuity payment for single participants. In general, for purposes other than determining lump sum amounts, actuarially equivalent factors are based on the mortality table specified in IRS Notice 2001-62 and an interest rate of 7.5%. For purposes of determining lump sum distribution amounts, actuarially equivalent factors are based on the applicable mortality table specified in IRS Notice 2018-02 for the plan year of distribution and the statutory three-tier segment interest rates in effect for the November prior to the plan year of distribution.

**Average Monthly Compensation:** The average of monthly Compensation in the highest three plan years ever.

**Excess Average Monthly Compensation:** The portion, if any, of the Average Monthly Compensation which is in excess of the monthly Integration Level.

**Compensation:** Compensation is total compensation paid that is subject to federal income tax. In addition, monies used for pre-tax contributions, such as 401(k) plan contributions or other fringe benefits, are included in compensation for purposes of computing benefits. Annual Compensation may not exceed the inflation-adjusted limit specified by the IRS (\$305,000 for the 2022 plan year).

**Credited Service:** A full year is credited for each employment year in which 500 or more hours of service are credited or the participant is employed on the last day of the plan year. No partial years of Credited Service are credited.

**Integration Level:** Participant's monthly Integration Level is equal to his monthly Average Social Security Wage Base. Average Social Security Wage Base means the average (without indexing) of the social security taxable wage bases in effect for each calendar year during the 35-year period ending with the calendar year in which the Participant attains (or will attain) social security retirement age (as defined in Code Section 415(b)). In determining a Participant's Average Social Security Wage Base, the taxable wage base for the current and any subsequent Plan Year will be assumed to be equal to the taxable wage base in effect as of the first day of the Plan Year for which the determination is being made.

**Plan Effective Date:** January 1, 2003; the Plan was last amended effective January 1, 2020.

**Plan Year:** The 12-month period beginning January 1 and ending December 31.

**Vesting Service:** A full year is credited for each employment year in which 1,000 or more hours of service are credited. No partial years of Vesting Service are credited.

### Eligibility for Participation

The first day of the month which coincides with or next follows the date on which the employee completes three months of service.

### Normal Retirement

**Normal Retirement Date:** The first day of the month coincident with or next following the attainment of age 65.

**Normal Retirement Benefit:** The Accrued Benefit.

**Schedule SB, Part V – Summary of Plan Provisions**  
**Plan Name: Mack Energy Corporation Defined Benefit Retirement Plan**  
**EIN 85-0381433 / PN 002**

## Early Retirement

**Early Retirement Date:** The first day of the month coincident with or next following the attainment of age 60 and completion of 5 years of Vesting Service.

**Early Retirement Benefit:** The Accrued Benefit, actuarially reduced for commencement prior to Normal Retirement Date.

## Deferred Retirement

**Deferred Retirement Date:** The first day of the month coincident with or next following the date of termination of service if it occurs after the Normal Retirement Date.

**Deferred Retirement Benefit:** The greater of (i) the Accrued Benefit determined as of the Deferred Retirement Date or (ii) the Accrued Benefit determined as of the Normal Retirement Date and actuarially increased to the Deferred Retirement Date.

## Termination

**Termination Date:** The date of termination of service other than for reasons of retirement, disability, or death.

**Termination Benefit:** The Accrued Benefit, multiplied by the vested percentage in the following table, payable at the Normal Retirement Date, or payable as of the first day of any month coincident with or next following attainment of age 55 if at least 15 years of Vesting Service have been completed (actuarially reduced for commencement prior to Normal Retirement Date).

Years of Vesting Service	Vested Percentage
Less than 5	0%
5 or more	100%

## Preretirement Death

**Preretirement Death Benefit Eligibility:** Beneficiary of participants with a vested Accrued Benefit who die before commencement of payments.

**Preretirement Death Benefit:** The Participant's designated beneficiary will be entitled to receive a benefit equal to the Present Value of the Participant's Accrued Benefit based on the Plan's Actuarial Equivalent definition. This benefit may be paid as a lump sum amount or converted to a life annuity based on the age of the beneficiary.

## Disability Retirement

**Disability Retirement Eligibility:** Participant will be eligible for a Disability Retirement Benefit under the Plan upon the occurrence of permanent disability.

**Disability Retirement Benefit:** The Actuarial Equivalent of the Participant's Vested Accrued Benefit determined as of his Disability Retirement Date.

## Forms of Payment

**Normal Forms:** Life annuity if single, actuarially equivalent joint and 50% survivor annuity if married.

**Optional Forms:** Life annuity; actuarially equivalent joint and 50% to 75% (as elected) survivor annuity; lump sum distribution (available at any age if under \$50,000).

**Schedule SB, Part V – Summary of Plan Provisions**  
**Plan Name: Mack Energy Corporation Defined Benefit Retirement Plan**  
**EIN 85-0381433 / PN 002**

**Enhanced Retirement Window**

Mack Energy Corporation amended the plan as of July 1, 2015 to allow for an Enhanced Retirement Window for Participants that were at least age 57 as of December 31, 2015. These Participants were provided 10 age and service credits to enhance the benefit they had already accrued under the plan provided they retired by December 31, 2015. Credits were first applied to reach age 65 and the remaining credits were used to increase service.

**Changes in Principal Plan Provisions Since Prior Valuation**

None.

# Mack Energy Corporation Defined Benefit Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

Plan #002 / EIN: 85-0381433

December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of investment, collateral, par, or maturity value	Cost	Fair value
	<b>Mutual funds:</b>			
	Fidelity Intl Indx-Inst	Mutual fund	\$ -	\$ 3,349,282
	Fidelity M/C Indx-Inst Prem	Mutual fund	-	1,058,269
	Invesco Dev Mkt-R6 #7038	Mutual fund	-	1,439,388
	Ishares Russell 1000 L/C	Mutual fund	-	5,938,672
	Macquarie Extended Dur Bd-Inst #0467	Mutual fund	-	6,563,459
	Pimco L/T Credit Bd-Inst #1945	Mutual fund	-	4,455,845
	Vanguard L/T Corp Bd Indx-Adm #1947	Mutual fund	-	6,253,056
	<b>Common stock:</b>			
	Arista Networks Inc	Common stock	-	14,590
	Cactus Inc Cl A	Common stock	-	10,446
	Chevron Corp	Common stock	-	41,714
	Diamondback Energy Inc	Common stock	-	18,024
	Eqst Corporation	Common stock	-	15,170
	Exxon Mobil Corp	Common stock	-	105,096
	Liberty Oilfield Services Inc	Common stock	-	13,207
	Magnolia Oil & Gas Corp	Common stock	-	10,427
	Northern Oil And Gas Inc	Common stock	-	10,553
	Occidental Petrole Corp	Common stock	-	10,277
	Technipfmc Plc	Common stock	-	25,901
	Teekay Tankers Ltd	Common stock	-	11,738
	Advansix Inc	Common stock	-	5,470
	Alpha Metallurgical Res Inc	Common stock	-	12,407
	Berry Global Group Inc	Common stock	-	30,524
	Boise Cascade Co	Common stock	-	15,571
	Builders Firstsource Inc	Common stock	-	32,016
	Carlisle Cos Inc	Common stock	-	94,792
	Central Garden & Pet Company	Common stock	-	5,949
	Commercial Metals Co	Common stock	-	5,754
	Consol Energy In	Common stock	-	20,803
	Hawkins Inc	Common stock	-	6,256
	Ingredion Inc	Common stock	-	63,690
	Innospec Inc	Common stock	-	6,494
	John B Sanfilippo & Son Inc	Common stock	-	6,185
	Lennar Corp-Cl A	Common stock	-	15,410
	M/I Homes Inc	Common stock	-	10,636
	Mueller Industries Inc	Common stock	-	22,856
	Newmont Corp Usd 1.6	Common stock	-	14,590
	Peabody Energy Corp	Common stock	-	10,700
	Snap-On Inc	Common stock	-	21,048
	Sylvamo Corp	Common stock	-	12,169
	Ufp Industries Inc	Common stock	-	16,222
	Airbnb Inc	Common stock	-	16,952
	Alphabet Inc Cl A	Common stock	-	125,695
	Alphabet Inc Cl C	Common stock	-	125,881
	Arcbest Corp	Common stock	-	16,704
	Axon Enterprise In	Common stock	-	11,292
	Danaher Corp	Common stock	-	14,232
	Everquote Inc	Common stock	-	7,676
	Expedia Group Inc	Common stock	-	17,888
	Hunt (Jb) Transprt Svcs Inc	Common stock	-	30,719
	Illinois Tool Works	Common stock	-	27,384
	Iqvia Holdings Inc	Common stock	-	15,721
	L3Harris Technologies Inc	Common stock	-	40,163
	Lockheed Martin Corp	Common stock	-	24,297

# Mack Energy Corporation Defined Benefit Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - Continued

Plan #002 / EIN: 85-0381433

December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of investment, collateral, par, or maturity value	Cost	Fair value
	<b>Common stock - continued:</b>			
	Matson Inc	Common stock	-	20,226
	Meta Platforms Inc	Common stock	-	224,250
	Norfolk Southern Corp	Common stock	-	41,542
	Quest Diagnostics	Common stock	-	91,723
	Regal Rexnord Corporation	Common stock	-	34,594
	Scholastic Corp	Common stock	-	5,716
	Shutter Stock	Common stock	-	6,677
	Sterling Infrastructure, Inc	Common stock	-	16,508
	Tennant Co	Common stock	-	11,822
	Thermo Fisher Scientific Inc	Common stock	-	42,659
	United Parcel Service-CI B	Common stock	-	13,241
	Wiley(John) & Sons -CI A	Common stock	-	6,775
	Yelp Inc	Common stock	-	7,082
	Amazon.Com Inc	Common stock	-	224,875
	Autonation Inc	Common stock	-	20,381
	Build-A-Bear Workshop Inc	Common stock	-	14,825
	Cargurus Inc	Common stock	-	6,796
	Cintas Corp	Common stock	-	79,657
	Costco Wholesalecorp	Common stock	-	44,897
	Frontdoor Inc	Common stock	-	12,301
	Fti Consulting Inc	Common stock	-	18,540
	Gap Inc/The	Common stock	-	14,792
	Kforce Inc	Common stock	-	13,438
	Perdoceo Education Corp	Common stock	-	12,626
	Shoe Carnival Inc	Common stock	-	12,504
	Target Corp	Common stock	-	11,220
	Tesla Inc	Common stock	-	107,825
	The Buckle Inc	Common stock	-	12,652
	Transunion	Common stock	-	27,720
	Walmart, Inc	Common stock	-	66,136
	Williams-Sonoma Inc	Common stock	-	42,221
	Winmarkcorp	Common stock	-	11,006
	Apple Inc Com	Common stock	-	416,949
	Boston Beer Company	Common stock	-	13,799
	Coca-Cola Co/The	Common stock	-	30,694
	Colgate-Palmolive Co	Common stock	-	44,910
	Corteva Inc	Common stock	-	12,246
	Dole Plc	Common stock	-	5,660
	Fresh Del Monte Produce	Common stock	-	6,077
	Hershey Co/The	Common stock	-	24,217
	Hims & Hers Health Inc	Common stock	-	9,043
	Kimberly-Clark Corp	Common stock	-	18,608
	Masterbrand Inc	Common stock	-	15,837
	Mcdonald'S Corp	Common stock	-	31,598
	National Beverage Corp	Common stock	-	5,632
	Patrick Industries Inc	Common stock	-	23,553
	Pepsico Inc	Common stock	-	41,208
	Procter & Gamble Co	Common stock	-	33,027
	Spartannash Co	Common stock	-	5,881
	Vita Coco Co Inc/The	Common stock	-	6,201
	Vital Farms Inc	Common stock	-	6,483
	Yum Brands Inc	Common stock	-	25,893
	Abbvie Inc	Common stock	-	70,192
	Addus Homecare Corp	Common stock	-	12,660
	Amn Healthcare Services	Common stock	-	11,099
	Aptargroup Inc	Common stock	-	14,925

# Mack Energy Corporation Defined Benefit Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) - Continued

Plan #002 / EIN: 85-0381433

December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of investment, collateral, par, or maturity value	Cost	Fair value
<b>Common stock - continued:</b>				
	Cigna Group	Common stock	-	41,973
	Collegium Pharmaceutical Inc	Common stock	-	11,661
	Edwards Lifesciences Corp	Common stock	-	18,433
	Eli Lilly & Co	Common stock	-	74,112
	Encompass Health Corporation	Common stock	-	17,454
	Ensign Group Inc Com	Common stock	-	11,293
	Gilead Sciences Inc	Common stock	-	43,968
	Johnson & Johnson	Common stock	-	42,374
	Lantheus Holdings Inc	Common stock	-	12,882
	Medtronic Plc	Common stock	-	46,969
	Merck & Co Inc/Nj	Common stock	-	68,442
	National Healthcare Corp	Common stock	-	7,529
	Pacira Biosciences Inc	Common stock	-	11,926
	Prestige Consumer Healthcare Inc	Common stock	-	11,323
	Select Medical Holdings Corp	Common stock	-	11,612
	Supernus Pharmaceuticals Inc	Common stock	-	12,439
	Tenet Healthcare	Common stock	-	6,690
	Unitedhealth Group Inc	Common stock	-	46,033
	Zoetis Inc	Common stock	-	18,900
	Acadian Asset Management Inc	Common stock	-	8,771
	Allstate Corp	Common stock	-	25,063
	Ameriprise Financial Inc	Common stock	-	76,137
	Bank Of America Corp	Common stock	-	30,721
	Berkshire Hathaway Inc-Cl B	Common stock	-	92,469
	Bread Financial Holdings,	Common stock	-	14,044
	Donnelley Financial Solutions	Common stock	-	13,424
	Enova International Inc	Common stock	-	24,833
	Everest Group, Ltd	Common stock	-	18,123
	Firstcash Holdings Inc	Common stock	-	12,743
	Goldman Sachs Group Inc	Common stock	-	38,366
	Hartford Financial Svcs Grp	Common stock	-	36,977
	Hci Group Inc	Common stock	-	12,935
	Jackson Financial Inc	Common stock	-	12,888
	Jpmorgan Chase & Co	Common stock	-	101,158
	Mastercard Inc - Class A	Common stock	-	48,971
	Mercury General Corp	Common stock	-	12,631
	Nmi Holdings Inc. Common	Common stock	-	12,094
	Pathward Financial, Inc.	Common stock	-	23,840
	Pjt Partners Inc	Common stock	-	12,467
	Preferred Bank/Los Angeles Ca	Common stock	-	8,897
	Progressive Corp	Common stock	-	41,213
	Prudential Financial Inc	Common stock	-	66,140
	S&P Global Inc	Common stock	-	46,317
	Stonex Group Inc	Common stock	-	13,814
	Synchrony Financial	Common stock	-	85,540
	Us Bancorp	Common stock	-	45,869
	Visa Inc-Class A Shares	Common stock	-	55,623
	World Acceptance Cor	Common stock	-	3,711
	Adobe Inc	Common stock	-	44,913
	Advanced Micro Devices	Common stock	-	21,501
	Applied Materials Inc	Common stock	-	50,415
	Atkore International Group Inc	Common stock	-	21,280
	Box Inc Class A	Common stock	-	18,739
	Broadcom Inc	Common stock	-	171,330
	Cadence Design Sys Inc	Common stock	-	74,815

# Mack Energy Corporation Defined Benefit Retirement Plan

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

Plan #002 / EIN: 85-0381433

December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of investment, collateral, par, or maturity value	Cost	Fair value
	<b>Common stock - continued:</b>			
	Catalyst Pharmaceuticals Inc	Common stock	-	12,125
	Commvault Systems Inc	Common stock	-	17,656
	Fair Isaac Corp	Common stock	-	65,701
	Gigacloud Technology Inc	Common stock	-	10,686
	Hackett Group	Common stock	-	4,239
	Harmony Biosciences Holdings I	Common stock	-	13,041
	Innoviva Inc Npv	Common stock	-	11,642
	Insight Enterprises Inc	Common stock	-	18,100
	Interdigital Inc	Common stock	-	18,985
	Kla Corporation	Common stock	-	27,095
	Leidos Holdings Inc	Common stock	-	15,558
	Microsoft Corp	Common stock	-	374,292
	Nvidia Corp	Common stock	-	381,921
	Oracle Corp	Common stock	-	38,994
	Photonics Inc	Common stock	-	13,476
	Progress Softwarecorp	Common stock	-	19,480
	Qorvo Inc	Common stock	-	17,343
	Qualcomm Inc	Common stock	-	24,733
	Qualys Inc	Common stock	-	18,649
	Regeneron Pharmaceuticals	Common stock	-	9,973
	Ringcentral Inc	Common stock	-	20,586
	Sarepta Therapeutics Inc	Common stock	-	11,429
	Scansource Inc	Common stock	-	13,428
	Shift4 Payments Inc	Common stock	-	27,398
	Sps Commerce Inc	Common stock	-	19,687
	Uber Technologies Inc	Common stock	-	11,039
	United Therapeutics Corp	Common stock	-	27,874
	Verisign Inc	Common stock	-	28,974
	Charter Communications Inc	Common stock	-	17,824
	Cisco Systems Inc	Common stock	-	124,024
	Comcast Corp-Cl A	Common stock	-	29,611
	Netflix Inc	Common stock	-	42,783
	Verizon Communications Inc	Common stock	-	29,633
	Chesapeake Utilities Corp	Common stock	-	6,068
	Mge Energy Inc	Common stock	-	6,107
	Northwestern Energy Group, Inc	Common stock	-	7,003
	One Gas Inc	Common stock	-	6,648
	Otter Tail Corp	Common stock	-	12,774
	Public Service Enterprise Gp	Common stock	-	76,041
	Southwest Gas Holdings Inc	Common stock	-	6,081
	Until Corp	Common stock	-	4,660
	Apple Hospitality Inc Reit	Common stock	-	8,028
	Caretrust Inc Reit	Common stock	-	7,736
	Copt Defense Properties	Common stock	-	7,954
	Diamondrock Hospitality	Common stock	-	7,910
	Highwoods Properties Inc Reit	Common stock	-	24,709
	Innovative Industrial Properties Reit	Common stock	-	5,265
	Lamar Advertising Co Reit	Common stock	-	27,513
	Public Storage Inc Reit	Common stock	-	48,809
	Ryman Hospitality Reit	Common stock	-	14,816
	Tanger Inc	Common stock	-	7,884
	<b>Money market funds:</b>			
	Invesco Govt&Agency-Inst Fd#1901	Money market funds	-	950,480
*	Cavanal Hill Govt Sec Mmkt -Admin 001	Money market funds	-	692,650

**Mack Energy Corporation Defined Benefit Retirement Plan**  
Schedule H, Line 4i - Schedule of Assets (Held at End of Year)  
Plan #002 / EIN: 85-0381433  
December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment including maturity date, rate of investment, collateral, par, or maturity value	Cost	Fair value
	<b>Corporate bonds:</b>			
	Fh1b @ 5.38% Due 12/05/2034	US government obligations	-	279,700
	Fhr Ser 2121 CI Ph @ 6.5% Due 02/15/2029	US government obligations	-	290,784
	Fhr Ser 4047 CI Cx @ 3.5% Due 05/15/2042	US government obligations	-	203,417
	Fhr Ser 5055 CI Ae @ 1.25% Due 12/25/2050	US government obligations	-	170,590
	Fhr Ser 5451 CI Cz @ 5% Due 09/25/2054	US government obligations	-	112,388
	Fngt Ser 2000-T6 CI A1 @ 7.500% Due 06/25/2030	US government obligations	-	255,868
	Fnma Pool #Ma5164 @ 5.000% Due 10/01/2053	US government obligations	-	274,410
	Fnr Ser 2011-98 CI Jz@ 5% Due 10/25/2041	US government obligations	-	170,323
	Fnr Ser 2018-76 CI Vm@ 4% Due 02/25/2039	US government obligations	-	96,583
	Fnr Ser 2020-91 CI Mb@ 1.25% Due 12/25/2050	US government obligations	-	174,904
	Fnr Ser 2024-82 CI B@ 5% Due 09/25/2048	US government obligations	-	218,903
	Fnw Ser 2002-W4 CI A4@ 6.25% Due 05/25/2042	US government obligations	-	265,115
	Fnw Ser 2005-W1 CI 1A4@ 7.5% Due 10/25/2044	US government obligations	-	104,676
	Fpsc Ser T-58 CI 4A@ 7.500% Due 09/25/2043	US government obligations	-	270,887
	Cmsi Ser 2005-5 CI 1A1@ 5.250% Due 08/25/2035 Cmo Lottery Bond	Corporate bonds	-	43,604
	Cwhl Ser 2004-9 CI A5@ 5.250% Due 06/25/2034 10% Cleanup Cmo Lottery Bond	Corporate bonds	-	49,002
	Cfab Ser 2003-1 CI 2A2 Flt Rt Due 11/25/2032	Corporate bonds	-	132,621
	Cwhel Ser 2007-A CI A Flt Rt Due 04/15/2037	Corporate bonds	-	220,695
	Cwl Ser 2004-6 CI 1A1 Flt Rt Due 12/25/2034	Corporate bonds	-	274,197
	Flx Ser 2021-1A CI A2 @ 3.250% Due 11/27/2051	Corporate bonds	-	112,999
	Heat Ser 2004-7 CI A1 Flt Rt Due 01/25/2035	Corporate bonds	-	118,761
	Sail Ser 2003-Bc1 CI A2 Flt Rt Due 01/25/2033	Corporate bonds	-	169,548
	Sdcp Ser 2020-1 CI A2@ 3.812% Due 04/20/2045	Corporate bonds	-	238,931
	Tmcl Ser 2020-1A CI A@ 2.730% Due 08/21/2045	Corporate bonds	-	239,472
	Tmcl Ser 2020-2A CI A@ 2.100% Due 09/20/2045	Corporate bonds	-	54,437
	Altria Group Inc @10.200% Due 02/06/2039	Corporate bonds	-	138,279
	Amer Airline 16-2 Aa Ptt @ 3.200% Due 06/15/2028	Corporate bonds	-	218,589
	Amer Airln 15-2 Aa Ptt @ 3.6% Due 09/22/2027	Corporate bonds	-	219,234
	Charles Schwab Corp Var Rt Perpetual	Corporate bonds	-	193,440
	Copt Defense Prop Lp @ 2.9% Due 12/01/2033	Corporate bonds	-	136,573
	Dow Chemical Co/The @ 4.625% Due 10/01/2044	Corporate bonds	-	113,612
	Helmerich & Payne Inc @ 2.900% Due 09/29/2031	Corporate bonds	-	195,492
	Us Bancorp Var Rt Perpetual	Corporate bonds	-	184,421
	Western Union Co @ 1.350% Due 03/15/2026	Corporate bonds	-	81,251
	Vanguard Intrm - Term Invtm-Adm #0571	Corporate bonds	-	1
	<b>US government obligations</b>			
	US Treas Bond @ 1.875% 02/15/2051	US government obligations	-	695,113
	US Treas Note @ 0.250% 05/31/2025	US government obligations	-	344,320
	US Treas Note @ 1.500% 02/15/2030	US government obligations	-	52,099
	US Treas Note @ 1.500% 11/30/2028	US government obligations	-	336,799
	US Treas Note @ 2.875% 05/15/2032	US government obligations	-	80,829
	US Treas Note @ 4.125% 09/30/2027	US government obligations	-	2,988,150
	US Treas Note @ 3.875% 08/15/2034	US government obligations	-	70,916
			<b>\$ -</b>	<b>\$ 48,366,712</b>

\* Party-in-interest, as defined by ERISA

**Schedule SB, Line 32 – Schedule of Shortfall Amortization Bases**  
**Plan Name: Mack Energy Corporation Defined Benefit Retirement Plan**  
**EIN 85-0381433 / PN 002**

The amount needed to amortize the Funding Shortfall to the Applicable Funding Target, in combination with prior Shortfall Amortizations, for the plan year beginning January 1, 2024 is determined below. The net Funding Shortfall for a plan year is amortized in fifteen level payments. The present value and amortization factors shown below are based on the interest rates for determining the Applicable Funding Target for the current plan year.

1. Present value of remaining prior Shortfall Amortizations					
	<u>Date</u> <u>Established</u>	<u>Amortization</u> <u>Amount</u>	<u>Years</u> <u>Remaining</u>	<u>Present Value</u> <u>Factor</u>	<u>Present</u> <u>Value</u>
a.	1/1/2023	<u>\$745,704</u>	14	10.433628	<u>\$7,780,398</u>
b.	Total	745,704			7,780,398
2. Shortfall Amortization for current plan year					
a.	Applicable Funding Target				50,105,409
b.	Actuarial Value of Assets less Prefunding Balance				41,245,063
c.	Is the plan exempt from establishing a Shortfall Amortization for the current year?				No
d.	Funding Shortfall [(a) - (b), but not < \$0]				8,860,346
e.	Net Funding Shortfall [If (d) > \$0, (d) - (1b), otherwise n/a]				1,079,948
f.	Amortization factor				10.941397
g.	Shortfall Amortization for current plan year [(e) ÷ (f)]				\$98,703
3. Total Shortfall Amortizations [(1b) + (2g), but not < \$0]					
					844,407