# **BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING JANUARY 9, 2025**

# **CASE NO. 24846**

GOAT ROPE 523H WELL

# Lea County, New Mexico



# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

# APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

**CASE NO. 24846** 

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# **COMPULSORY POOLING APPLICATION CHECKLIST**

# ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

| Case: 24846   | APPLICANT'S RESPONSE  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|
| Date: January 9, 2025   |   |  |  |  |  |  |  |
| Applicant   | Mewbourne Oil Company   |  |  |  |  |  |  |
| Designated Operator & OGRID (affiliation if applicable)   | Mewbourne Oil Company [OGRID 14744]   |  |  |  |  |  |  |
| Applicant's Counsel:  | Holland & Hart LLP  |  |  |  |  |  |  |
| Case Title:   | APPLICATION OF MEWBOURNE OIL COMPANY FOR  |  |  |  |  |  |  |
|   | COMPULSORY POOLING, LEA COUNTY, NEW MEXICO  |  |  |  |  |  |  |
| Entries of Appearance/Intervenors:  | Franklin Mountain Energy 3, LLC & Coterra Energy Inc.   |  |  |  |  |  |  |
| Well Family   | Goat Rope   |  |  |  |  |  |  |
| Formation/Pool  |   |  |  |  |  |  |  |
| Formation Name(s) or Vertical Extent:   | Bone Spring   |  |  |  |  |  |  |
| Primary Product (Oil or Gas):   | Oil   |  |  |  |  |  |  |
| Pooling this vertical extent:   | N/A   |  |  |  |  |  |  |
| Pool Name and Pool Code:  | Featherstone; Bone Spring, East Pool (24270)  |  |  |  |  |  |  |
| Well Location Setback Rules:  | Statewide Rules   |  |  |  |  |  |  |
| Spacing Unit  |   |  |  |  |  |  |  |
| Type (Horizontal/Vertical)  | Horizontal  |  |  |  |  |  |  |
| Size (Acres)  | 320-acres   |  |  |  |  |  |  |
| Building Blocks:  | Quarter-Quarter sections  |  |  |  |  |  |  |
| Orientation:  | Standup   |  |  |  |  |  |  |
| Description: TRS/County   | E2W2 of Sections 7 and 18, Township 20 South, Range 36<br>East, NMPM, Lea County, New Mexico. |  |  |  |  |  |  |
| Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in the application? | Yes   |  |  |  |  |  |  |
| Other Situations  |   |  |  |  |  |  |  |
| Depth Severance: Y/N. If yes, description   | No  |  |  |  |  |  |  |
| Proximity Tracts: If yes, description   | No  |  |  |  |  |  |  |
| Proximity Defining Well: if yes, description  | N/A   |  |  |  |  |  |  |
| Applicant's Ownership in Each Tract   | Exhibit A-2   |  |  |  |  |  |  |
| Well(s)   |   |  |  |  |  |  |  |
| Name & API (if assigned), surface and bottom hole location,   |   |  |  |  |  |  |  |
| footages, completion target, orientation, completion status   |   |  |  |  |  |  |  |
| (standard or non-standard)<br>Well #1   | Goat Rope 7/18 State Com 523H (API Pending)   |  |  |  |  |  |  |
|   | SHL: 300' FSL & 1520' FWL (Unit N) of Sec. 6, T20S, R36E                                      |  |  |  |  |  |  |
|   | BHL: 100' FSL & 1760' FWL (Unit N) of Sec. 18, T20S, R36E                                     |  |  |  |  |  |  |
|   | Completion Target: Bone Spring formation  |  |  |  |  |  |  |
|   | Well Orientation: North to South  |  |  |  |  |  |  |
|   | Completion Location expected to be: Standard  |  |  |  |  |  |  |

| Received by OCD: 12/11/2024 10:09:27 AM<br>Horizontal Well First and Last Take Points  | Exhibit A-1 |
|--|-------------|
| Completion Target (Formation, TVD and MD)  | Exhibit A-3 |
| AFE Capex and Operating Costs  |             |
| Drilling Supervision/Month \$  | \$12,000    |
| Production Supervision/Month \$  | \$1,200     |
| Justification for Supervision Costs  | Exhibit A   |
| Requested Risk Charge  | 200%        |
| Notice of Hearing  |             |
| Proposed Notice of Hearing   | Exhibit C   |
| Proof of Mailed Notice of Hearing (20 days before hearing)   | Exhibit C   |
|  |             |
| Proof of Published Notice of Hearing (10 days before hearing)  | Exhibit D   |
| Ownership Determination  |             |
| Land Ownership Schematic of the Spacing Unit   | Exhibit A-2 |
|  |             |
| Tract List (including lease numbers and owners)  | Exhibit A-2 |
| If approval of Non-Standard Spacing Unit is requested, Tract<br>List (including lease numbers and owners) of Tracts subject to |             |
| notice requirements.   | N/A         |
| Pooled Parties (including ownership type)  | Exhibit A-2 |
|  |             |
| Unlocatable Parties to be Pooled   | None        |
| Ownership Depth Severance (including percentage above & below)   |             |
|  | N/A         |
| Joinder  |             |
| Sample Copy of Proposal Letter   | Exhibit A-3 |
| List of Interest Owners (ie Exhibit A of JOA)  | Exhibit A-2 |
| Chronology of Contact with Non-Joined Working Interests  | Exhibit A-4 |
| Overhead Rates In Proposal Letter  | Exhibit A-3 |
| Cost Estimate to Drill and Complete  | Exhibit A-3 |
| Cost Estimate to Equip Well  | Exhibit A-3 |
| Cost Estimate for Production Facilities  | Exhibit A-3 |
| Geology  |             |
| Summary (including special considerations)   | Exhibit B   |
| Spacing Unit Schematic   | Exhibit B-2 |
| Gunbarrel/Lateral Trajectory Schematic   | Exhibit B-2 |
| Well Orientation (with rationale)  | Exhibit B   |
| Target Formation   | Exhibit B   |
| HSU Cross Section  | Exhibit B-3 |
| Depth Severance Discussion   | N/A         |

| Received by OCD: 12/11/2024 10:09:27 AM                  | Page 5 of 34                                      |
|--|---|
| Forms, Figures and Tables                                |   |
| C-102  | Exhibit A-1                                       |
| Tracts   | Exhibit A-2                                       |
| Summary of Interests, Unit Recapitulation (Tracts)       | Exhibit A-2                                       |
| General Location Map (including basin)                   | Exhibit B-1                                       |
| Well Bore Location Map                                   | Exhibits A-1, B-2                                 |
| Structure Contour Map - Subsea Depth                     | Exhibit B-2                                       |
| Cross Section Location Map (including wells)             | Exhibit B-2                                       |
| Cross Section (including Landing Zone)                   | Exhibit B-3                                       |
| Additional Information                                   |   |
| Special Provisions/Stipulations                          | N/A   |
| CERTIFICATION: I hereby certify that the information pro | vided in this checklist is complete and accurate. |
| Printed Name (Attorney or Party Representative):         | Michael H. Feldewert                              |
| Signed Name (Attorney or Party Representative):          |   |
| Date:  | Michal H. Fellewers 10-Dec-24                     |

# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

# APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. <u>2</u>4846

# **APPLICATION**

Mewbourne Oil Company ("Mewbourne" or "Applicant") (OGRID No. 14744), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted mineral owners in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing unit comprised of the E2W2 of Sections 7 and 18, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico. In support of its application, Mewbourne states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.

2. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the proposed **Goat Rope 18/7 State Com 523H** well to be horizontally drilled from a surface location in the NW4 of Section 19, with a first take point in SE4SW4 (Unit N) of Section 18 and a last take point in NE4NW4 (Unit C) of Section 7.

3. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all interest owners in the subject spacing unit.

4. The pooling of uncommitted mineral owners will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights. WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on October 3, 2024, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted mineral owners in the horizontal spacing unit;
- B. Designating Applicant as operator of this spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, completing, and equipping the well;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the well against any working interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

# HOLLAND & HART LLP

Fellevers Tucha By: 🥖

Michael H. Feldewert Adam G. Rankin Paula M. Vance Post Office Box 2208 Santa Fe, NM 87504 505-988-4421 505-983-6043 Facsimile mfeldewert@hollandhart.com agrankin@hollandhart.com

# ATTORNEYS FOR MEWBOURNE OIL COMPANY

CASE :

Application of Mewbourne Oil Company for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted mineral owners in the Bone Spring formation underlying a standard 320-acre, more or less, horizontal well spacing unit comprised of the E2W2 of Sections 7 and 18, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico. Said unit will be initially dedicated to the proposed **Goat Rope 18/7 State Com 523H** well to be horizontally drilled from a surface location in the NW4 of Section 19, with a first take point in SE4SW4 (Unit N) of Section 18 and a last take point in NE4NW4 (Unit C) of Section 7. Also, to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, actual operating costs and charges for supervision, designation of Applicant as operator of the well, and a 200% charge for risk involved in drilling the well. The subject area is located approximately 15 miles southwest of Hobbs, New Mexico.

# STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

# APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 24846

# SELF AFFIRMED STATEMENT OF HUDSON BRUNSON, LANDMAN

1. My name is Hudson Brunson, and I am employed by Mewbourne Oil Company ("Mewbourne") as a Landman. My responsibilities include the Permian Basin of New Mexico. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters and my credentials have been accepted by the Division and made a matter of record.

2. I am familiar with the application filed by Mewbourne in this matter and the status of the lands in the subject area. The mineral owners to be pooled have not expressed any opposition to this proceeding.

3. Mewbourne seeks an order pooling all uncommitted interests in a standard 320acre'horizontal well spacing unit Bone Spring formation underlying the E2W2 of Sections 7 and 18. This standard 320-acre spacing unit will be initially dedicated to the proposed **Goat Rope** 7/18 State Com 523H well to be horizontally drilled from a surface location in the SW4 of Section 6, with a first take point in NE4NW4 (Unit C) of Section 7 and a last take point in SE4SW4 (Unit N) of Section 7.

4. There are no ownership depth severances within the Bone Spring formation underlying the subject acreage.

5. **Exhibit A-1** contains draft Form C-102 for the proposed initial well. Mewbourne has been informed that this well will be placed in the Featherstone; Bone Spring East Pool (24270)

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BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. A Submitted by: Mewbourne Oil Company Hearing Date: January 9, 2025 Case No. 24846 6. **Exhibit A-2** identifies the tracts of land comprising the proposed spacing unit, the working interest ownership in each tract, and the consolidated working interest ownership in the proposed Bone Spring spacing unit. The working interest owners that Mewbourne seeks to pool are highlighted in red. This acreage is comprised of state and fee lands.

7. **Exhibit A-3** contains a sample of the well proposal letter sent to the working interest owners Mewbourne seeks to pool. The costs reflected in the AFE provided with this letter are consistent with what Mewbourne and other operators have incurred for drilling similar horizontal wells in the area in these formations.

8. Mewbourne requests overhead and administrative rates of \$12,000.00 per month while drilling and \$1,200.00 per month for a producing well. These rates are consistent with the rates set forth in the operating agreement for this acreage and consistent with the rates charged by Mewbourne and other operators for similar wells in this area.

9. **Exhibit A-4** contains a chronology of the contacts with the uncommitted working interest owners. Mewbourne has made a good faith effort to obtain voluntary joinder of these owners in the proposed spacing unit and initial wells.

10. I have provided the law firm of Holland & Hart, LLP, with the names and addresses of the mineral owners that remain to be pooled and instructed that they be notified of this hearing.

11. In compiling the addresses of the parties to be pooled, Mewbourne has conducted a diligent search of all public records in the county where the proposed unit is located, reviewed telephone directories, and conducted computer searches. Mewbourne has located all the parties it seeks to pool.

12. Exhibits A-1 through A-4 were either prepared by me or compiled under my direction from company business records.

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13. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

<u>Mhh B</u> Hudson Brunson

32989873\_v1

12/6/2024 Date

| <u>C-102</u>   | 2                            |                 | Ene                |         |  | Resources Departme                           | ent                                     |                           |                     | Revised July 9, 2024 |  |  |
|--|------------------------------|-----------------|--------------------|---------|--|--|---|---------------------------|---------------------|----------------------|--|--|
|  | Electronically<br>Permitting | /               |                    | OIL C   | CONSERVAT  | ION DIVISION                                 |   |                           | 🗆 Initial Su        | bmittal              |  |  |
|  | Fernitung                    |                 |                    |         |  |  |   | Submittal                 |                     |                      |  |  |
|  |                              |                 |                    |         |  | Type:  |   |                           |                     |                      |  |  |
|  |                              |                 |                    |         | WELL LOCAT   | TION INFORMATION                             |   |                           |                     |                      |  |  |
| API Nui<br>30-025-   |                              |                 | Pool Code<br>24270 |         |  | Pool Name<br>FEATHERSTONE; BONE SPRING; EAST |   |                           |                     |                      |  |  |
| Property<br>336197   | Code                         |                 | Property Nat       |         | STATE COM  | Well Number<br>523H                          |   |                           |                     |                      |  |  |
| OGRID<br>14744   |                              |                 | Operator Na        | me      | COMPANY  |  |   |                           | Ground Lev<br>3644' | el Elevation         |  |  |
|  | Oumer: 🗆 S                   | tate 🗆 Fee 🗖    |                    |         | CONFANT  | Mineral Owner: State Fee Tribal Federal      |   |                           |                     |                      |  |  |
| Suitace  | Owner. 🗆 S                   |                 |                    |         |  |  |   |                           | redefai             |                      |  |  |
|  |                              |                 |                    |         | Surfa  | ce Location                                  |   |                           |                     |                      |  |  |
| UL   | Section                      | Township        | Range              | Lot     | Ft. from N/S   | Ft, from E/W                                 | Latitude                                |                           | Longitude           | County               |  |  |
| N  | 6                            | 20S             | 36E                |         | 300 FSL  | 1520 FWL                                     | 32.595851                               | 9  -                      | 103.3972392         | LEA                  |  |  |
|  |                              |                 |                    |         | Bottom   | Hole Location                                |   |                           |                     |                      |  |  |
| UL   | Section                      | Township        | Range              | Lot     | Ft. from N/S   | Ft. from E/W                                 | Latitude                                | Latitude Lo               |                     | County               |  |  |
| Ν  | 18                           | 20S             | 36E                |         | 100 FSL  | 1760 FWL                                     | 32.566233                               | 32.5662336 -10            |                     | LEA                  |  |  |
| Dedicated Acres Infill or Defining Well Defining Well API 320.00   |                              |                 |                    |         | Well API   | Overlapping Spacing                          | Unit (Y/N)                              | Consolidation Code        |                     |                      |  |  |
| Order N  | lumbers                      |                 |                    |         |  | Well setbacks are und                        | er Common (                             | Ownership:                | □Yes □No            |                      |  |  |
| Kiek Of  |                              |                 |                    |         |  | f Point (KOP)                                |   |                           |                     |                      |  |  |
| UL   | Section                      | Township        | Range              | Lot     | Ft. from N/S   | Ft, from E/W                                 | Latitude                                |                           | Longitude           | County               |  |  |
| N  | 6                            | 205             | 36E                |         | 483 FSL  | 1760 FWL                                     | 32.596354                               |                           | 103.3964582         | LEA                  |  |  |
|  | 0                            | 200             | JUL                |         |  | ke Point (FTP)                               |   |                           |                     |                      |  |  |
| UL   | Section                      | Township        | Range              | Lot     | Ft. from N/S   | Ft. from E/W                                 | Latitude                                |                           | Longitude           | County               |  |  |
| С  | 7                            | 205             | 36E                |         | 100 FNL  | 1760 FWL                                     | 32,594751                               |                           | 103.3964595         | LEA                  |  |  |
| 0  | 1                            | 200             | JUL                |         |  | ke Point (LTP)                               |   |                           |                     |                      |  |  |
| UL   | Section                      | Township        | Range              | Lot     | Ft. from N/S   | Ft. from E/W                                 | Latitude                                | Latitude Longitude County |                     |                      |  |  |
| N  | 18                           | 20S             | 36E                |         | 100 FSL  | 1760 FWL                                     | 32.566233                               |                           | 103.3964830         | LEA                  |  |  |
| 1.4  | 10                           | 200             | JOL                |         | 1001.01  |  | 02.000200                               | •                         |                     |                      |  |  |
| Unitized   | d Area or Ar                 | ea of Uniform I | nterest            | Spacing | Unit Type 🗹 Horiz  | ontal 🗆 Vertical                             | ertical Ground Floor Elevation<br>3672' |                           |                     |                      |  |  |
| OPERA  | TOR CERT                     | IFICATIONS      |                    |         |  | SURVEYOR CERTIFIC                            | CATIONS                                 |                           |                     |                      |  |  |
| I hereby certify that the information contained herein is true and complete to the best of<br>my knowledge and belief, and, if the well is a vertical or directional well, that this<br>organization either owns a working interest or unleased mineral interest in the land<br>including the proposed bottom hole location or has a right to drill this well at this<br>location pursuant to a contract with an owner of a working interest or unleased mineral<br>interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore<br>entered by the division. |                              |                 |                    |         | I hereby certify that the we<br>surveys made by me or unde<br>my belief. |  |   |                           |                     |                      |  |  |
| If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.   |                              |                 |                    |         |  |  |   |                           |                     |                      |  |  |
| Signature  |                              | 0               | Date               |         |  | Signature and Seal of Profess                | ional Surveyor                          |                           |                     |                      |  |  |
|  | er Whit                      | ley             |                    |         |  |  |   |                           |                     |                      |  |  |
| Printed N  |                              |                 |                    |         |  | Certificate Number                           | Date of Surv                            | ey                        |                     |                      |  |  |
| Email Ad   |                              | ewbourne        | e.com              |         |  |  |   |                           |                     |                      |  |  |
| Eman Ac  | uu css                       |                 |                    |         |  |  |   |                           |                     |                      |  |  |

Released to Imaging: 1/2/2025 2:14:01 PM

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division

# ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

# WELL LOCATION AND ACREAGE DEDICATION PLAT

| 30-025-533  | API Number | r            | 2427          | <sup>2</sup> Pool Code<br>FEATHERSTONE; BONE SPRING; EAST |                      |                    |                                       |        |                                  |        |
|---|------------|--------------|---------------|---|----------------------|--------------------|---------------------------------------|--------|----------------------------------|--------|
| <sup>4</sup> Property Co  | de         |              |               | GOAT ROPE 7/18 STATE COM                                  |                      |                    |                                       |        | <sup>6</sup> Well Number<br>523H |        |
| OGRID NO.     ® Operator Name       14744     MEWBOURNE     OIL     COMPANY |            |              |               |   |                      |                    | <sup>9</sup> Elevation<br><b>3644</b> |        |                                  |        |
|   |            |              |               |   | <sup>10</sup> Surfac | ce Location        |                                       |        |                                  |        |
| UL or lot no.   | Section    | Township     | Range         | Lot Idn   | Feet from th         | e North/South line | Feet From the                         | East/W | est line                         | County |
| N   | 6          | 20S          | 36E           |   | 300                  | SOUTH              | 1520                                  | WE     | ST                               | LEA    |
|   |            |              | п             | Bottom H  | Iole Locati          | on If Different Fr | om Surface                            |        |                                  |        |
| UL or lot no.   | Section    | Township     | Range         | Lot Idn   | Feet from th         | e North/South line | Feet from the                         | East/W | est line                         | County |
| Ν   | 18         | 20S          | 36E           |   | 100                  | SOUTH              | 1760                                  | WE     | ST                               | LEA    |
| 12 Dedicated Acres  | 13 Joint   | or Infill 14 | Consolidation | Code 15   | Order No.            |                    |                                       |        |                                  |        |
| 320.00  |            |              |               |   |                      |                    |                                       |        |                                  |        |

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division. © 5 89'31'41" W 2613.99' © 5 89'31'19" W 2648.50' @

|            | LOT 4      | LOT 3      | LOT 2        | LOT 1     |   | <sup>17</sup> OPERATOR CERTIFICATION  |
|------------|------------|------------|--------------|-----------|---|---|
|            | 207 4      | 1 207 5    | 1012         |           | <u>GEODETIC_DATA</u>                                  | I hereby certify that the information contained herein is true and complete |
| ľ.         |            |            | +            |           | NAD 83 GRID - NM EAST                                 | to the best of my knowledge and belief, and that this organization either   |
| 294.2      | LOT 5      | 1          | Ì            | i         | SURFACE LOCATION (SL)                                 | owns a working interest or unleased mineral interest in the land including  |
| 5 M 2      |            | <br>       | <br>6        | [         | ► N: 581770.4 - E: 829628.7                           | the proposed bottom hole location or has a right to drill this well at this |
| .26'1      | LOT 6      |            | 1            | li i      | LAT: 32.5958519* N                                    | location pursuant to a contract with an owner of such a mineral or working  |
| N 00       | 207 8      | 1          | i.           | 1         | 8 LONG: 103.3972392° W                                | interest, or to a voluntary pooling agreement or a compulsory pooling       |
|            | LOT 7      | (          | +            | E         | BOTTOM HOLE (BH)                                      | order heretofore entered by the division                                    |
| -          |            | SL_300     | 1            | ţ I       | N: 570996.7 - E: 829956.4                             |   |
| ٢          |            | 1          | N 89'32'17   | E 2650.66 | LAT: 32.5662336 N                                     | Signature Date  |
| 4.58       | LOT 1      | 0          | ®            | i U       | LONG: 103.3964830* W                                  |   |
| W 26       | 10/ 1      |            | i i          | li –      | ₹<br>► <u>C</u> ORNER DATA                            | Printed Name  |
| .01,1      |            | í          | +            | ·         | NAD 83 GRID - NM EAST                                 |   |
| 00.16      | LOT 2      | 1          | i l          |           | & A: FOUND BRASS CAP "1937" I: FOUND BRASS CAP "1937" | E-mail Address  |
| N          | 0          | 4;         | 7            | 0         | ≥ N: 570882.3 - E: 828197.6 N: 581501.1 - E: 833391.7 |   |
| 16.06      | LOT 3      | 1          | ))           | Ê.        | B: FOUND BRASS CAP "1937" J: FOUND BRASS CAP "1937"   | <sup>18</sup> SURVEYOR CERTIFICATION  |
| W 26       | 207 5      | l.         | i i          |           | N: 573525.8 - E: 828176.1 N: 578856.2 - E: 833407.0   | I hereby certify that the well location shown on this                       |
| .61,       |            | i          | +            |           | C: FOUND BRASS CAP "1937" K: FOUND BRASS CAP "1937"   | plat was plotted from field notes of actual surveys                         |
| 00.12      | LOT 4      |            | i g          | l.        | № N: 576168_1 — E: 828142.4 N: 576211_3 — E: 833421.4 | made by me or under my supervision, and that the                            |
| ~          |            | E 2636.11  |              | E 2643.85 | ≥ D: FOUND BRASS CAP "1937" L: FOUND BRASS CAP "1937" | same is true and correct to the best of my belief.                          |
| 12.99      | C<br>LOT 1 | 1          | 0            | ß         | N: 578813.8 - E: 828132.9 N: 573567.5 - E: 833440.9   | 07/17/2024  |
| W 26       | 207 7      |            | Î,           |           | E: FOUND BRASS CAP "1937" M: FOUND BRASS CAP "1937"   | Date of Survey  |
| -15.1      |            | ;==        |              |           | ↑ N: 581457.8 - E: 828111.3 N: 570923.8 - E: 833460.3 | Signature and Seal of Professional Surveys                                  |
| 1.00       | LOT 2      |            | Ę.           |           | F: FOUND BRASS CAP "1937" N: FOUND BRASS CAP "1937"   | Q UN CO IT  |
| N          | <u></u>    |            | 8            | 0         | N: 586751.1 − E: 828070.9 N: 570903.7 − E: 830819.0   | (19680) J. J. J.  |
| 44.03      | LOT 3      | 5          |              | 1         | G: FOUND BRASS CAP "1937" O: FOUND BRASS CAP "1937"   | AT + W. tops  |
| W 26       | 2013       |            |              |           | N: 586772.7 – E: 830684.4 N: 576191.8 – E: 830778.0   | 10690   |
| .22        |            | i          |              |           | H: FOUND BRASS CAP "1937" P: FOUND BRASS CAP "1937"   | 19680<br>Certificate Number   |
| 00'27'55   | LOT 4      |            |              |           | R N: 586794.8 – E: 833332.4 N: 581479.7 – E: 830741.5 | Certificate Number  |
| 2          | 1760'      | 1          | 00'          |           | 2   |   |
| $\bigcirc$ | N 893151"  | E 2621.92' | N) N 8933355 | E 2641.79 | (M)   | 100 No. 1524070525  |

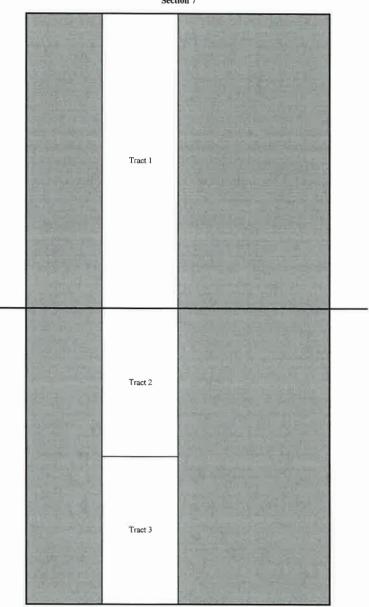
JOB No: LS24070625

#### Section Plat

Goat Rope 7/18 State Com #523H (B2CN) E/2W/2 of Section 7 and E/2W/2 of Section 18

#### T20S-R36E, Lea County, NM





Section 18

Tract 1: E/2W/2 of Section 7- Fee Mewbourne Oil Company, et al.

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Tract 2: E/2NW/4 of Section 18 - State Lease VC-1233-0000 Franklin Mountain Energy 3, LLC

Tract 3: E/2SW/4 of Section 18 - State Lease A0-1375-0045 Mewbourne Oil Company, et al. XTO Energy Inc. Apache Corporation Occidental Permian Ltd (Record Title Owner)

# RECAPITUALTION FOR Goat Rope 7/18 State Com #523H (B2CN)

| Tract Number | Number of Acres Committeed | Percentage of Interst in Communitized Area |
|--------------|----------------------------|--|
| 1            | 160                        | 50.00000%                                  |
| 2            | 80                         | 25.00000%                                  |
| 3            | 80                         | 25.00000%                                  |
| TOTAL        | 320                        | 100.00000%                                 |

## TRACT OWNERSHIP Goat Rope 7/18 State Com #523H (B2CN) E/2W/2 of Section 7 & E/2W/2 of Section 18

#### E/2W/2 of Section 7 & E/2W/2 of Section 18 Bone Spring Formation:

| <b>Owner</b><br>Mewbourne Oil Company, et al. | % of Leasehold Interest<br>72,116471% |
|---|---------------------------------------|
| *Franklin Mountain Energy 3, LLC              | 25.000000%                            |
| *XTO Energy Inc.                              | 2,285630%                             |
| *Apache Corporation                           | 0.597899%                             |

## TOTAL

100.000000%

27.883529%

\*Total Interest Being Pooled:

OWNERSHIP BY TRACT

E/2W/2 of Section 7 Owner Mewbourne Oil Company, et al. TOTAL

E/2NW/4 of Section 18 Owner Franklin Mountain Energy 3, LLC TOTAL

E/2SW/4 of Section 18 Owner Mewbourne Oil Company, et al. Apache Corporation XTO Energy Inc. TOTAL % of Leasehold Interest 100.00000% 100.000000%

% of Leasehold Interest 100.000000% 100.000000%

% of Leasehold Interest 88.465885% 2.391595% 9.142520% 100.000000%

#### MEWBOURNE OIL COMPANY FASKEN CENTER 500 WEST TEXAS, SUITE 1020 MIDLAND, TX 79701

TELEPHONE (432) 682-3715

July 19, 2024

# Certified Mail

Working Interest Owner

# Re: **Goat Rope 18/7 Working Interest Unit** All of Section 18 and All of Section 7, T20S, R36E, Lea County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("MOC"), as Operator, hereby proposes creating a working interest unit comprising All of Section 18 and All of Section 7, T20S, R36E, Lea County, New Mexico covering the Bone Spring formation. As part of the initial development, MOC proposes drilling and completing the following wells:

- Goat Rope 18/7 State Com #521H (B2MD) API #pending Surface Location: 205' FNL, 1475' FWL, Section 19, T20S, R36E Bottom Hole Location: 100' FNL, 330' FWL, Section 7, T20S, R36E Proposed Total Vertical Depth: 9955' Proposed Total Measured Depth: 20350' Target: 2<sup>nd</sup> Bone Spring Sand
- 2) Goat Rope 18/7 State Com #523H (B2NC) API #pending Surface Location: 205' FNL, 1505' FWL, Section 19, T20S, R36E Bottom Hole Location: 100' FNL, 1760' FWL, Section 7, T20S, R36E Proposed Total Vertical Depth: 9900' Proposed Total Measured Depth: 20200' Target: 2<sup>nd</sup> Bone Spring Sand
- 3) Goat Rope 18/7 State Com #525H (B2OB) API #pending Surface Location: 205' FNL, 2180' FEL, Section 19, T20S, R36E Bottom Hole Location: 100' FNL, 2090' FEL section 7, T20S, R36E Proposed Total Vertical Depth: 9815' Proposed Total Measured Depth: 20090' Target: 2<sup>nd</sup> Bone Spring Sand
- 4) Goat Rope 18/7 State Com #527H (B2PA) API #pending Surface Location: 205' FNL, 2150' FEL, Section 19, T20S, R36E Bottom Hole Location: 100' FNL, 660' FEL, Section 7, T20S, R36E Proposed Total Vertical Depth: 9675' Proposed Total Measured Depth: 20100' Target: 2<sup>nd</sup> Bone Spring Sand



The wells are planned to be pad drilled using one (1) rig with the first well tentatively scheduled to spud 1<sup>st</sup> quarter 2025. In the event you elect to participate in the proposed wells, please execute the enclosed Operating Agreement, Communitization Agreement, and AFEs before returning them to the undersigned within thirty (30) days. Please enclose your most current well information requirements so that we may provide well data when available.

Please contact Tyler Jolly at (432) 682-3715 or via email at <u>tiolly@mewbourne.com</u> if you have any questions or need more information.

Very truly yours,

# **MEWBOURNE OIL COMPANY**

Sloan Turner Land Department

# MEWBOURNE OIL COMPANY

FASKEN CENTER 500 WEST TEXAS, SUITE 1020 MIDLAND, TX 79701 TELEPHONE (432) 682-3715

October 1, 2024

Certified Mail

Working Interest Owner

# Re: Notice of Change: Surface and Bottom Hole Locations

Goat Rope 7/18 Working Interest Unit All of Section 7 and All of Section 18, T20S, R36E, Lea County, New Mexico Goat Rope 7/18 State Com #521H f/k/a Goat Rope 18/7 State Com #521H Goat Rope 7/18 State Com #523H Goat Rope 18/7 State Com #523H Goat Rope 7/18 State Com #525H f/k/a Goat Rope 18/7 State Com #525H Goat Rope 7/18 State Com #527H f/k/a Goat Rope 18/7 State Com #527H f/k/a

Working Interest Owner:

Mewbourne Oil Company ("MOC"), as Operator, recently proposed the referenced wells targeting the Bone Spring formation in Sections 7 and 18, T20S, R36E, Lea County, New Mexico. Due to surface constraints, MOC has changed the surface and bottom hole locations of the proposed wells. Details regarding the changes to the wells are listed below:

1) Goat Rope 7/18 State Com #521H (B2DM) – API #30-025-53329 Surface Location: 300' FSL, 1500' FWL, Section 6, T20S, R36E Bottom Hole Location: 100' FSL, 330' FWL, Section 18, T20S, R36E Proposed Total Vertical Depth: 9857' Proposed Total Measured Depth: 20562' Target: 2nd Bone Spring Sand

2) Goat Rope 7/18 State Com #523H (B2CN) – API #30-025-53330 Surface Location: 300' FSL, 1520' FWL, Section 6, T20S, R36E Bottom Hole Location: 100' FSL, 1760' FWL, Section 18, T20S, R36E Proposed Total Vertical Depth: 9757' Proposed Total Measured Depth: 20421' Target: 2nd Bone Spring Sand

3) Goat Rope 7/18 State Com #525H (B2BO) – API #30-025-53331 Surface Location: 300' FSL, 1990' FEL, Section 6, T20S, R36E Bottom Hole Location: 100' FSL, 2090' FEL Section 18, T20S, R36E Proposed Total Vertical Depth: 9655'

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Proposed Total Measured Depth: 20309' Target: 2nd Bone Spring Sand

4) Goat Rope 7/18 State Com #527H (B2AP) – API #30-025-53332 Surface Location: 300' FSL, 1970' FEL, Section 6, T20S, R36E Bottom Hole Location: 100' FSL, 660' FEL, Section 18, T20S, R36E Proposed Total Vertical Depth: 9562' Proposed Total Measured Depth: 20159' Target: 2nd Bone Spring Sand

Please feel free contact me at (432) 682-3715 or via email at <u>hbrunson@mewbourne.com</u> if you have any questions or need more information.

Very truly yours,

# **MEWBOURNE OIL COMPANY**

Hudson L. Brunson Landman

# **MEWBOURNE OIL COMPANY**

AUTHORIZATION FOR EXPENDITURE

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| INTANGIBLE COSTS 0180         CC           egulatory Permits & Surveys         0185           ocation / Restoration         0180           aywork / Turnkey / Footage Drilling         20 days drlg / 3 days comp @ \$28,000/d         0180           aywork / Turnkey / Footage Drilling         20 days drlg / 3 days comp @ \$28,000/d         0180           aywork / Turnkey / Footage Drilling         20 days drlg / 3 days comp @ \$28,000/d         0180           uel         1700 gal/day @ \$3.90'gal         0180           Uud Specialized         0180         0180           onizontal Drillout Services         0180         0180           itmulation Toe Preparation         0180         0180           mementing         0180         0180         0180           itmulation for Preparation         0180         0180         0180           itmulation for Preparation         0180         0180         0180           itmulation for Subbing Services         0180         0180         0180           itmulation Rentals & Other         0180         0180         0180           its spection & Repair Services         0180         0180         0180           its asportation         0180         0180         0180           ontract Services & Supervis   | y: LEA   | Prop. TVD<br>\$20,000<br>\$75,000<br>\$150,000<br>\$150,000<br>\$141,600<br>\$30,000<br>\$240,000<br>\$150,000<br>\$40,000<br>\$40,000<br>\$15,000<br>\$40,000<br>\$15,000<br>\$40,000<br>\$15,000<br>\$40,000<br>\$15,000<br>\$40,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$10,000<br>\$15,000<br>\$15,000<br>\$10,000<br>\$10,000<br>\$14,000<br>\$14,000<br>\$15,000<br>\$15,000<br>\$10,000<br>\$15,0000<br>\$14,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$15,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10,000<br>\$10, | CODE<br>0180-0200<br>0180-0205<br>0180-0210<br>0180-0214<br>0180-0214<br>0180-0215<br>0180-0220<br>0180-0221<br>0180-0222<br>0180-0223<br>0180-0223<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245 | ST: NM<br>TMD: 20421<br>CC<br>\$35,00<br>\$80,00<br>\$80,00<br>\$89,70<br>\$203,90<br>\$72,00<br>\$72,00<br>\$25,00<br>\$55,00<br>\$313,20<br>\$55,00<br>\$313,20<br>\$15,00 |        |
|--|--|--|--|--|--------|
| Bec.         6         Bit:         Survey:         TWP:         203         RI           INTANGIBLE COSTS 0180         CC         Disc         Disc         Disc         Disc           Sociation / Restoration         Oracle / Res   | NG: 36E ODE 0-0100 0-0105 0-0106 0-0114 0-0114 0-0115 0-0120 0-0121 0-0125 0-0125 0-0130 0-0134 0-0137 0-0134 0-0137 0-0145 0-0148 0-0150 0-0148 0-0150 0-0154 0-0158 0-0158 0-0168 0-0168 0-0170 0-01 | TCP<br>\$20,000<br>\$75,000<br>\$598,100<br>\$141,600<br>\$30,000<br>\$240,000<br>\$150,000<br>\$40,000<br>\$15,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000  | CODE<br>0180-0200<br>0180-0205<br>0180-0210<br>0180-0214<br>0180-0214<br>0180-0215<br>0180-0220<br>0180-0221<br>0180-0222<br>0180-0223<br>0180-0223<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245 | TMD: 20421<br>CC<br>\$35,00<br>\$80,00<br>\$89,70<br>\$203,90<br>\$72,00<br>\$225,00<br>\$55,00<br>\$55,00<br>\$313,20<br>\$15,00<br>\$2,170,00                              |        |
| INTANGIBLE COSTS 0180         Col           egulatory Permits & Surveys         0186           ocation / Road / Site / Preparation         0186           castor / Restoration         0186           aywork / Turnkey / Footage Drilling         20 days drig / 3 days comp @ \$28,000/d           uel         1700 gal/day @ \$3 90/gal         0186           ud. Chemical & Additives         0186           ud. Chemical & Additives         0186           orizontal Drillout Services         0186           sang / Tubing / Shubbing Service         0186           asing / Tubing / Shubbing Services         0186           darer & Other         0186           timulation Rentals & Other         0186           timeton Re  | ODE           0-0100           0-0105           0-0106           0-0114           0-0115           0-01120           0-0121           0-0125           0-0130           0-0134           0-0135           0-0136           0-0137           0-0148           0-0150           0-0158           0-0164           0-0165           0-0168  | TCP<br>\$20,000<br>\$75,000<br>\$598,100<br>\$141,600<br>\$30,000<br>\$240,000<br>\$150,000<br>\$40,000<br>\$15,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000  | CODE<br>0180-0200<br>0180-0205<br>0180-0210<br>0180-0214<br>0180-0214<br>0180-0215<br>0180-0220<br>0180-0221<br>0180-0222<br>0180-0223<br>0180-0223<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245 | CC<br>\$35,00<br>\$80,00<br>\$203,90<br>\$72,00<br>\$25,00<br>\$55,00<br>\$313,20<br>\$15,00<br>\$2,170,00   |        |
| egulatory Permits & Surveys         Orac           cattor / Read / Site / Preparation         016           cattor / Restoration         016           aywork / Jurnkey / Footage Drilling         20 days dr(j / 3 days comp @ \$28,000/d         016           aywork / Jurnkey / Footage Drilling         20 days dr(j / 3 days comp @ \$28,000/d         016           ud, Chemical & Additives         016         016         016           ud, Chemical & Additives         016         016         016         016           ud, Chemical & Additives         016  | 0-0100<br>0-0105<br>0-0106<br>0-0114<br>0-0115<br>0-0120<br>0-0121<br>0-0125<br>0-0125<br>0-0130<br>0-0134<br>0-0137<br>0-0134<br>0-0137<br>0-0145<br>0-0148<br>0-0150<br>0-0158<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0170   | \$20,000<br>\$75,000<br>\$150,000<br>\$141,600<br>\$30,000<br>\$240,000<br>\$40,000<br>\$40,000<br>\$15,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000  | 0180-0200<br>0180-0205<br>0180-0206<br>0180-0210<br>0180-0214<br>0180-0215<br>0180-0220<br>0180-0220<br>0180-0222<br>0180-0223<br>0180-0223<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245         | \$35,00<br>\$80,00<br>\$89,70<br>\$203,90<br>\$72,00<br>\$25,00<br>\$255,00<br>\$313,20<br>\$15,00<br>\$2,170,00   |        |
| cation / Read / Site / Preparation         0180           cation / Restoration         0180           vextorin / Restoration         0180           synoh / Turnky / Footage Drilling         20 days drig / 3 days comp @ \$28,000/d           rel         1700 gal/day @ \$3.90/gal           ele         1700 gal/day @ \$3.90/gal           ud. Chemical & Additives         0180           ud. Specialized         0180           sizonatal Drillout Services         0180           imulation Toe Preparation         0180           assing / Tubing / Snubling Service         0180           ud Logging         0181           sizer & Other         0180           imulation Rentals & Other         0181           issection & Repair Services         0181           sizer & Other         0182           issection & Repair Services         0181           size Air & Pumping Services         0182           sizer & Struces         0182  | 0-0105           0-0106           0-0110           0-0111           0-0112           0-0120           0-0121           0-0125           0-0130           0-0134           0-0135           0-0145           0-0148           0-0150           0-0154           0-0155           0-0164           0-0165           0-0168           0-0170  | \$75,000<br>\$150,000<br>\$598,100<br>\$141,600<br>\$30,000<br>\$240,000<br>\$40,000<br>\$40,000<br>\$15,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0205<br>0180-0206<br>0180-0210<br>0180-0214<br>0180-0215<br>0180-0220<br>0180-0221<br>0180-0222<br>0180-0223<br>0180-0223<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245                      | \$80,00<br>\$89,70<br>\$203,90<br>\$72,00<br>\$250,00<br>\$250,00<br>\$55,00<br>\$313,20<br>\$15,00<br>\$2,170,00  |        |
| cation / Restoration         016           gwork / Turnkey / Fodge Drilling         20 days drig / 3 days comp @ \$28,000/d         016           uel         1700 gal/day @ \$3.90/gal         016           uernate Fuels         016         016           uuf - Chemical & Additives         018         018           uuf - Chemical & Additives         018         018           uuf - Chemical & Additives         018         018           gigin & Mireline Services         018         018           gigin & Mireline Services         018         018           gigin & Mireline Services         018         018           imulation Rentals & Other         018         018           imulation Rentals & Other         018         018           iss Ar & Pumping Services         018         018           spection & Repair Services         018         018           gin Mobilization         018         018         018           oraransportation         018         018         018           outprenet Mathematics         018         018         018           irectional Services         018         018         018           irectional Services         018         018         018  | 0-0106           0-0110           0-0114           0-0115           0-0120           0-0121           0-0125           0-0130           0-0134           0-0135           0-0136           0-0137           0-0148           0-0150           0-0154           0-0155           0-0164           0-0165           0-0168           0-0170  | \$150,000<br>\$598,100<br>\$141,600<br>\$30,000<br>\$240,000<br>\$40,000<br>\$40,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0206<br>0180-0210<br>0180-0214<br>0180-0215<br>0180-0220<br>0180-0221<br>0180-0222<br>0180-0223<br>0180-0223<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245                                   | \$80,00<br>\$89,70<br>\$203,90<br>\$72,00<br>\$250,00<br>\$250,00<br>\$55,00<br>\$313,20<br>\$15,00<br>\$2,170,00  |        |
| aywerk / Turnkey / Footage Drilling         20 days drig / 3 days comp @ \$28,000/d         0160           iermate Fuels         1700 gal/day @ \$3.90/gal         0160           ud. Chemical & Additives         0160         0160           ud. Chemical & Additives         0160         0160           ud. Chemical & Additives         0160         0160           ud. Specialized         0160         0160           orizontal Drillour Services         0160         0160           zggin & Wireline Services         0160         0160           ud Logging         0160         0160         0160           imulation         51 Stg 20.2 MMgal & 20.2 MMlbs         0160           imulation         51 Stg 20.2 MMgal & 20.2 MMlbs         0160           imulation         51 Stg 20.2 MMgal & 20.2 MMlbs         0160           imulation         51 Stg 20.2 MMgal & 20.2 MMlbs         0160           imulation Rentals & Other         0160         0160           isc. Air & Pumping Services         0160         0160           isc. Air & Pumping Services         0160         0160           isc. Air & Pumping Services         0160         0160           isc. Air & Burping Services         0160         0160           isc. Air & Supervis   | 0-0110<br>0-0114<br>0-0115<br>0-0120<br>0-0125<br>0-0125<br>0-0130<br>0-0134<br>0-0137<br>0-0148<br>0-0148<br>0-0148<br>0-0150<br>0-0158<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0170   | \$598,100<br>\$141,600<br>\$240,000<br>\$150,000<br>\$40,000<br>\$40,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0210<br>0180-0214<br>0180-0215<br>0180-0220<br>0180-0221<br>0180-0223<br>0180-0223<br>0180-0225<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245  | \$89,7(<br>\$203,9(<br>\$72,0)<br>\$200,0(<br>\$25,0(<br>\$55,0(<br>\$313,2(<br>\$15,0(<br>\$2,170,0)  |        |
| a         1700 gal/day @ \$3.90/gal         0100           ternate Fuels         0160           ud. Chemical & Additives         0160           ud. Specialized         0180           orizontal Drillout Services         0180           giging & Wireline Services         0180           asing / Tubing / Snubbing Service         0180           ud Logging         0180           timulation         51 Stg 20.2 MMgal & 20.2 MMlbs           timulation Rentals & Other         0180           files. A file Pumping Services         0180           timulation Rentals & Other         0180           files. A file Pumping Services         0180           spection & Repair Services         0180           gittes. A file Pumping Services         0180           organization         0180           organization         0180           feeding. Construction, & Maint. Services         0180           feeld / Lease Legal         0180           feeld / Lease Insurance         0180           tangible Supplies         0180           ging (19,1" - 30")         1800 - 13.376 54.54 J-55 ST&C @ \$47.52.7h           asing (10,1" - 19.0")         1890 - 13.376 54.54 J-55 ST&C @ \$47.52.7h           asing (10,1" - 19.0")  | 0-0114<br>0-0115<br>0-0120<br>0-0121<br>0-0125<br>0-0130<br>0-0134<br>0-0137<br>0-0137<br>0-0148<br>0-0148<br>0-0148<br>0-0150<br>0-0158<br>0-0158<br>0-0158<br>0-0168<br>0-0168<br>0-0170   | \$141,600<br>\$30,000<br>\$240,000<br>\$150,000<br>\$40,000<br>\$40,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000  | 0180-0214<br>0180-0215<br>0180-0220<br>0180-0221<br>0180-0222<br>0180-0223<br>0180-0225<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245   | \$203,9(<br>\$72,00<br>\$200,00<br>\$25,00<br>\$55,00<br>\$313,20<br>\$15,00<br>\$2,170,00   |        |
| ternate Fuels         010 g                                  | 0-0115<br>0-0120<br>0-0121<br>0-0125<br>0-0130<br>0-0134<br>0-0137<br>0-0137<br>0-0148<br>0-0148<br>0-0150<br>0-0158<br>0-0158<br>0-0168<br>0-0168<br>0-0168<br>0-0170   | \$30,000<br>\$240,000<br>\$150,000<br>\$40,000<br>\$15,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0215<br>0180-0220<br>0180-0221<br>0180-0223<br>0180-0225<br>0180-0230<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245  | \$72,00<br>\$200,00<br>\$25,00<br>\$55,00<br>\$313,20<br>\$15,00<br>\$2,170,00   |        |
| ud, Chemical & Additives         0180           ud - Specialized         0180           orizontal Diflicut Services         0180           paging & Wireline Services         0180           paging & Wireline Services         0180           saling / Tubing / Snubbing Service         0180           timulation         51 Stg 20.2 MMgal & 20.2 MMlps           timulation Rentals & Other         0180           tafter & Other         0180           tafter & Other         0180           tafter & Other         0180           spection & Repair Services         0180           sig AFlowback Services         0180           ompletion / Workover Rig         0180           ig Mobilization         0180           ontract Services & Supervision         0180           ontages         0180           ontract Services & Stopples         0180           anages         0180           ontages         0180           ontage Insurance         0180           tangibles Intenconnect & ROW Easements         0180   | 0-0120<br>0-0121<br>0-0125<br>0-0130<br>0-0134<br>0-0137<br>0-0137<br>0-0148<br>0-0148<br>0-0150<br>0-0158<br>0-0158<br>0-0168<br>0-0168<br>0-0170   | \$240,000<br>\$150,000<br>\$40,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0220<br>0180-0221<br>0180-0223<br>0180-0223<br>0180-0230<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0241<br>0180-0242<br>0180-0245  | \$200,00<br>\$25,00<br>\$355,00<br>\$313,20<br>\$15,00<br>\$2,170,00   |        |
| uid - Specialized         0180           orizontal Drillout Services         0180           amenting         0180           orizontal Drillout Services         0180           ogging & Wireline Services         0180           orizontal Drillout Services         0180           orizontal Construction         0180           timulation         51 Stg 20.2 MMgal & 20.2 MMlbs           timulation Rentals & Other         0180           timulation Rentals & Other         0180           timulation Rentals & Other         0180           sits         0180           sispection & Repair Services         0180           sign & Flowback Services         0180           orgitation         0180           ransportation         0180           ontract Services & Supervision         0180           ontract Services & Supervision         0180           ontract Services & Rotw Easements         0180           ontract Services & Stage Train Services         0180           fielding, (10.1" - 19.0")         1890' - 13.3/8" 54.5# J-55 T&C @ 947.92/R         0180           ontract Services & Stage Train Services         0180         0180           ontract Services & Stage J-3 1/2" Ser J-55 T&C @ 947.92/R         0180 <t< td=""><td>0-0121<br/>0-0125<br/>0-0130<br/>0-0134<br/>0-0137<br/>0-0145<br/>0-0145<br/>0-0148<br/>0-0150<br/>0-0158<br/>0-0158<br/>0-0165<br/>0-0165<br/>0-0168<br/>0-0170</td><td>\$240,000<br/>\$150,000<br/>\$40,000<br/>\$15,000<br/>\$35,000<br/>\$96,100<br/>\$50,000</td><td>0180-0221<br/>0180-0222<br/>0180-0223<br/>0180-0225<br/>0180-0230<br/>0180-0234<br/>0180-0241<br/>0180-0241<br/>0180-0242<br/>0180-0245</td><td>\$25,00<br/>\$55,00<br/>\$313,20<br/>\$15,00<br/>\$2,170,00</td></t<>   | 0-0121<br>0-0125<br>0-0130<br>0-0134<br>0-0137<br>0-0145<br>0-0145<br>0-0148<br>0-0150<br>0-0158<br>0-0158<br>0-0165<br>0-0165<br>0-0168<br>0-0170   | \$240,000<br>\$150,000<br>\$40,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0221<br>0180-0222<br>0180-0223<br>0180-0225<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0241<br>0180-0242<br>0180-0245   | \$25,00<br>\$55,00<br>\$313,20<br>\$15,00<br>\$2,170,00  |        |
| timulation Toe Preparation         0166           ementing         0161           gaging & Wireline Services         0186           asing / Tubing / Snubbing Service         0186           tud Logging         0186           timulation         51 Stg 20.2 MMgal & 20.2 MMlbs           timulation Rentals & Other         0186           // Aler & Other         0186           // Aler & Other         0186           // Star & Pumping Services         0186           // Specifical & Repair Services         0186           ompletion / Workover Rig         0186           // Specifical & Supervision         0186           ontract Services         0186           irrectional Services         Includes vertical control         0186           // Lease Insurance         0186           // Lease Insurance         0186           // Lease Insurance         0186           ompany Supervision         0186           workhead Fixed Rate         0186           ontingenc   | 0-0130<br>0-0134<br>0-0137<br>0-0145<br>0-0148<br>0-0150<br>0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0168<br>0-0170   | \$40,000<br>\$40,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0223<br>0180-0225<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245  | \$25,00<br>\$55,00<br>\$313,20<br>\$15,00<br>\$2,170,00  |        |
| ementing         0180           sing / Tubing / Shubbing Service         0180           sing / Tubing / Shubbing Service         0180           uimulation         51 Stg 20.2 MMgal & 20.2 MMlbs           timulation         6180           spection & Repair Services         0180           tig Mobilization         0180           ig Mobilization         0180           onpletion / Workover Rig         0180           ig Mobilization         0180           ontract Services & Supervision         0180           ofted ang. Construction, & Maint. Services         0180           irectional Services         Includes vertical control         0180           tireding Lonstruction, & Maint. Services         0180           anges         0180         0180           pipeline Interconnect & ROW Easements         0180           ontingencies         5% (TCP) 5% (CC)  | 0-0130<br>0-0134<br>0-0137<br>0-0145<br>0-0148<br>0-0150<br>0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0168<br>0-0170   | \$40,000<br>\$40,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0225<br>0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245   | \$55,00<br>\$313,20<br>\$15,00<br>\$2,170,00   |        |
| orgging & Wireline Services         0180           asing / Tubing / Snubbing Service         0180           timulation         51 Stg 20.2 MMgal & 20.2 MMlbs           timulation Rentals & Other         0180           dater & Other         0180           its         0180           spection & Repair Services         0180           spection & Repair Services         0180           sompletion / Workover Rig         0180           git Mobilization         0180           ompletion / Workover Rig         0180           git Mobilization         0180           ontract Services & Supervision         0180           ontract Services & Supervision         0180           ontract Services & Supervision         0180           ontract Services & ROW Easements         0180           ongang (191" - 19.0")         1890' - 13.3/8" 54.5# J-55 ST&C @ 54.7.92/ft         0181           asing (19.1" - 19.0")         1890' - 13.3/8" 54.5# J-55 ST&C @ 54.7.92/ft         0181           asing (19.1" - 3.0")         1890' - 13.3/8" 54.5# J-55 ST&C @ 54.5#.1.87         0181           asing (19.1" - 3.0")         1890' - 13.3/8" 54.5# J-55 ST&C @ 54.5#.1.87         0181           asing (19.1" - 3.0")         1890' - 13.3/8" 54.5# J-55 ST&C @ 54.5#.1.87         0181  | 0-0130<br>0-0134<br>0-0137<br>0-0145<br>0-0148<br>0-0150<br>0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0168<br>0-0170   | \$40,000<br>\$40,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0230<br>0180-0234<br>0180-0241<br>0180-0242<br>0180-0245  | \$313,2<br>\$15,0<br>\$2,170,0   |        |
| asing / Tubing / Snubbing Service         0180           Idu Logging         0180           imulation         51 Stg 20.2 MMgal & 20.2 MMlbs           imulation Rentals & Other         0180           ital & A Other         0180           ital & A Other         0180           its         0180           spection & Repair Services         0180           setting & Flowback Services         0180           completion / Workover Rig         0180           ig Mobilization         0180           anapportation         0180           Velding, Construction, & Maint. Services         0180           ontract Services & Supervision         0180           irectional Services         0180           quipment Rental         0180           quipment Rental         0180           itangible Supplies         0180           aranges         0180           ontrages         0180           ontingencies         5% (TCP) 5% (CC)         0180           ontingencies         5% (TCP) 5% (CC)         0180           tasing (10.1" - 10.0")         1365'- 9 5/8' 36# J-55 ST&C @ \$47.92/π         0181           asing (6.1" - 0.0")         0190'- 13 3/8'54.5# J-55 ST&C @ \$47.92/π         0182 <td>0-0134<br/>0-0137<br/>0-0145<br/>0-0148<br/>0-0150<br/>0-0154<br/>0-0158<br/>0-0164<br/>0-0165<br/>0-0168<br/>0-0168<br/>0-0170</td> <td>\$40,000<br/>\$15,000<br/>\$35,000<br/>\$96,100<br/>\$50,000</td> <td>0180-0234<br/>0180-0241<br/>0180-0242<br/>0180-0245</td> <td>\$15,0<br/>\$2,170,0</td>  | 0-0134<br>0-0137<br>0-0145<br>0-0148<br>0-0150<br>0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0168<br>0-0170   | \$40,000<br>\$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0234<br>0180-0241<br>0180-0242<br>0180-0245   | \$15,0<br>\$2,170,0  |        |
| Ivid Logging         0180           timulation         51 Stg 20.2 MMgal & 20.2 MMlbs           timulation Rentals & Other         0180           vater & Other         0180           tis         0180           isspection & Repair Services         0180           sc. Air & Pumping Services         0180           completion / Workover Rig         0180           gil Mobilization         0180           completion / Workover Rig         0180           gil Mobilization         0180           contract Services & Supervision         0180           ontract Services & ROW Easements         0180           ontraget Rental         0180           (e) / Lease Insurance         0180           tangible Supplies         0180           amages         0180           ontingencies         5% (TCP) 5% (CC)         0180           TANGIBLE COSTS 0181         0182           asing (10.1" - 10.0")         3655' - 9 6/8" 384 J-55 TSC @ \$47.92/tt         0181           asing (1.1" - 8.0")         10070' - 12 / 7 35# HCP-110 CDC-HTQ @ \$1.94/tt </td <td>0-0137<br/>0-0145<br/>0-0148<br/>0-0150<br/>0-0154<br/>0-0158<br/>0-0164<br/>0-0165<br/>0-0168<br/>0-0168<br/>0-0170</td> <td>\$15,000<br/>\$35,000<br/>\$96,100<br/>\$50,000</td> <td>0180-0241<br/>0180-0242<br/>0180-0245</td> <td>\$2,170,0</td>  | 0-0137<br>0-0145<br>0-0148<br>0-0150<br>0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0168<br>0-0170   | \$15,000<br>\$35,000<br>\$96,100<br>\$50,000   | 0180-0241<br>0180-0242<br>0180-0245  | \$2,170,0  |        |
| timulation         51 Stg 20.2 MMgal & 20.2 MMlbs           timulation Rentals & Other         0186           tafer & Other         0186           alter & Other         0186           its         0196           its Spection & Repair Services         0186           isspection & Repair Services         0186           sesting & Flowback Services         0186           ompletion / Workover Rig         0186           git Mobilization         0186           ransportation         0186           reatoparticles & Supervision         0186           ontract Services         Includes vertical control         0186           field / Lease Legal         0186           field / Lease Legal         0186           field / Lease Legal         0186           ontingencies         5% (TCP) 5% (CC)         0186           ontingencies         5% (TCP) 5% (CC)         0187           asing (10.1" - 10.0")         1580' - 9.5% 354 J-55 ST&C @ \$47.92/ft         0187           asing (6.1" - 10.0")         1580' - 9.5% 354 J-55 ST&C @ \$47.92/ft         0187           asing (6.1" - 10.0")         1580' - 9.5% 354 J-55 ST&C @ \$47.92/ft         0187           asing (6.1" - 10.0")         1585' - 9.5% 354 J-55 ST&C @ \$47.92/ft  | 0-0145<br>0-0145<br>0-0150<br>0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0168<br>0-0170   | \$35,000<br>\$96,100<br>\$50,000   | 0180-0242<br>0180-0245   |  |        |
| timulation Rentals & Other         0100 000000000000000000000000000000000  | 0-0148<br>0-0150<br>0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0170   | \$96,100<br>\$50,000   | 0180-0242<br>0180-0245   |  |        |
| Atter & Other         0186           its         0186           isspection & Repair Services         0180           isspection & Repair Services         0180           esting & Flowback Services         0180           ompletion / Workover Rig         0180           git Mobilization         0180           ransportation         0180           pleding, Construction, & Maint. Services         0180           ontract Services & Supervision         0180           werhead Fixed Rate         0180           ontingencies         5% (TCP) 5% (CC)         0180           ontingencies         5% (TCP) 5% (CC)         0181           asing (10.1" - 19.0")         1890 - 13 3/8" 54.5# J-55 ST&C @ \$47.92/tt         0181           asing (6.1" - 8.0")         10075 - 7" 29# HPP110 BT&C @ \$34.18/tt         0181           asing (6.1" - 10.0")         3565 - 9 5/8" 36# J-55 ST&C @ \$47.92/tt         0181           asing (6.1" - 6.0")         10500 - 4 1/2" 13.5# HCP-110 CDC-  | 0-0148<br>0-0150<br>0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0170   | \$96,100<br>\$50,000   | 0180-0245  |  |        |
| its       0187         spection & Repair Services       0180         isc. Air & Pumping Services       0180         sesting & Flowback Services       0180         ompletion / Workover Rig       0180         ig Mobilization       0180         aransportation       0180         (elding, Construction, & Maint. Services       0180         ontract Services & Supervision       0180         rectional Services       Includes vertical control         quipment Rental       0180         quipment Rental       0180         garages       0180         garages       0180         garages       0180         pipeline Interconnect & ROW Easements       0180         ontingencies       5% (TCP) 5% (CC)       0180         orpany Supervision       0181       0180         saing (19.1" - 30")       1890 - 13 3/8" 54.5# J-55 ST&C @ \$47.92/#       0181         asing (19.1" - 10.0")       3655 - 9 5/8" 36# J-55 ST&C @ \$47.92/#       0181         asing (10.1" - 10.0")       3655 - 9 5/8" 36# J-55 ST&C @ \$47.92/#       0181         asing (11.1" - 10.0")       3655 - 9 5/8" 36# J-55 ST&C @ \$47.92/#       0181         asing (1.1" - 10.0")       3655 - 9 5/8" 36# J-55 ST&C @ \$47.92/# <td< td=""><td>0-0148<br/>0-0150<br/>0-0154<br/>0-0158<br/>0-0164<br/>0-0165<br/>0-0168<br/>0-0170</td><td>\$96,100<br/>\$50,000</td><td></td><td>\$242,0</td></td<>  | 0-0148<br>0-0150<br>0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0170   | \$96,100<br>\$50,000   |  | \$242,0  |        |
| spection & Repair Services         018           Size. Xir & Pumping Services         018           esting & Flowback Services         018           ompletion / Workover Rig         018           ig Mobilization         018           orpletion / Workover Rig         018           ig Mobilization         018           ontract Services & Supervision         018           ontract Services & Includes vertical control         018           quipment Rental         016           fell / Lease Legal         018           ipeline Interconnect & ROW Easements         018           ontingencies         5% (TCP) 5% (CC)         018           werhead Fixed Rate         0180         018           ontingencies         5% (TCP) 5% (CC)         018           asing (10.1" - 10.0")         1890' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         018           asing (6.1" - 8.0")         10075' -7" 29# HPP110 BT&C @ \$33.43/ft         018           asing (6.1" - 8.0")         10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44//ft         018           ubing Head & Upper Section         0187         0187           onizontal Completon Tools         0187         0187           ubing Head & Upper Section         0187         0187  | 0-0150<br>0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0170   | \$50,000   |  | \$590,7  |        |
| Itsc. Air & Pumping Services       018         esting & Flowback Services       018         completion / Workover Rig       018         ig Mobilization       0198         ransportation       0198         irrectional Services & Supervision       0188         ortract Services & Supervision       0188         irrectional Services & Includes vertical control       0188         quipment Rental       0168         Vell / Lease Legal       0188         ipaleine Interconnect & ROW Easements       0188         ormages       0180         ipaleine Interconnect & ROW Easements       0186         ormingencies       5% (TCP) 5% (CC)       0180         ormany Supervision       01890' - 13.38° 54.5% J-55 ST&C @ \$47.92/tt       0187         asing (10.1" - 10.0")       1890' - 13.38° 54.5% J-55 ST&C @ \$47.92/tt       0187         asing (10.1" - 10.0")       1690' - 13.38° 54.5% J-55 ST&C @ \$47.92/tt       0187         asing (11." - 6.0")       10070' - 13.5% HCP-110 CDC-HTQ @ \$19.44/tt       0187         asing (11." - 6.0")       10500' - 4 1/2" 13.5% HCP-110 CDC-HTQ @ \$19.44/tt       0187         ubing Head       0197       22# L-80 IPC Tbg @ \$13.75/tt       0187         ubing Head       0197       12" 9.2# L-80 IPC Tbg @ \$   | 0-0154<br>0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0170   |  | 0180-0248  |  |        |
| esting & Flowback Services         0180           completion / Workover Rig         0180           ig Mobilization         0180           ransportation         0180           ransportation         0180           ransportation         0180           ontract Services & Supervision         0180           irectional Services         Includes vertical control         0180           quipment Rental         0160         0180           (Pell / Lease Legal         0180         0180           Vell / Lease Legal         0180         0180           ranages         0180         0181           rasing (6.1" - 10.0")         3565 - 9.678 364 - 351 Ze 0 \$28.578 <td< td=""><td>0-0158<br/>0-0164<br/>0-0165<br/>0-0168<br/>0-0170</td><td>\$12,000</td><td>0180-0250</td><td>\$5,0</td></td<>  | 0-0158<br>0-0164<br>0-0165<br>0-0168<br>0-0170   | \$12,000   | 0180-0250  | \$5,0  |        |
| completion / Workover Rig         0180           ig Mobilization         0180           ransportation         0180           velding, Construction, & Maint, Services         0180           contract Services & Supervision         0180           velding, Construction, & Maint, Services         0180           quipment Rental         0180           vell / Lease Legal         0180           Vell / Lease Insurance         0180           vell / Lease Insurance         0180           vell / Lease Insurance         0180           ipeline Interconnect & ROW Easements         0180           oringnencies         5% (TCP) 5% (CC)         0180           verhead Fixed Rate         0180         0180           oringnencies         5% (TCP) 5% (CC)         0180           saing (19.1" - 30")         1890' - 13 3/8' 54.5# J-55 ST&C @ \$47.92/ft         0181           saing (6.1" - 19.0")         1890' - 13 3/8' 54.5# J-55 ST&C @ \$47.92/ft         0181           saing (6.1" - 19.0")         1890' - 13 3/8' 54.5# J-55 ST&C @ \$47.92/ft         0181           saing (6.1" - 19.0")         10075' - 7" 29# HPP110 BT&C @ \$28.85/ft         0181           saing (6.1" - 6.0")         1050' - 4 1/2'' 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         0181           ubing M   | 0-0164<br>0-0165<br>0-0168<br>0-0170   | w12 0001   | 0180-0254  | \$10,0   |        |
| iig Mobilization       01sc         velding, Construction, & Maint, Services       01sc         ontract Services & Supervision       01sc         iirectional Services       Includes vertical control       01sc         quipment Rental       01sc       01sc         Veld // Lease Legal       01sc       01sc         Vell // Lease Insurance       01sc       01sc         tranges       01sc       01sc         ipeline Interconnect & ROW Easements       01sc       01sc         ompany Supervision       01sc       01sc       01sc         iverhead Fixed Rate       01sc       01sc       01sc       01sc         formingencies       5% (TCP) 5% (CC)       01sc       01sc<   | 0-0165<br>0-0168<br>0-0170   | \$12,000   |  | \$24,0   |        |
| ransportation         01ec           Velding, Construction, & Maint. Services         01ec           contract Services & Supervision         01ec           irectional Services         Includes vertical control         01ec           quipment Rental         01ec         01ec           Vell / Lease Legal         01ec         01ec           Vell / Lease Insurance         01ec         01ec           tangible Supplies         01ec         01ec           tanges         01ec         01ec           ipeline Interconnect & ROW Easements         01ec         01ec           company Supervision         01ec         01ec           worthead Fixed Rate         01ec         01ec           contingencies         5% (TCP) 5% (CC)         01ec           tasing (19.1" - 19.0")         1890' - 13.3/8" 54.5# J-55 ST&C @ \$47.92/ft         01er           tasing (6.1" - 10.0")         3665' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft         01er           tasing (6.1" - 10.0")         3665' - 9 5/8" 36# J-55 LT&C @ \$28.41/ft         01er           tasing (6.1" - 6.0")         10075' - 7" 2# HPP110 BT&C @ \$34.18/ft         01er           tasing (6.1" - 6.0")         1050' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         01er           tubing Head         Upper Se   | 0-0165<br>0-0168<br>0-0170   | 8450.000   | 0180-0260  | \$10,5   |        |
| Velding, Construction, & Maint. Services         0146           contract Services & Supervision         0186           iirectional Services         Includes vertical control         0186           quipment Rental         0186           Vell / Lease Legal         0186           Vell / Lease Legal         0186           Vell / Lease Legal         0186           Vell / Lease Insurance         0186           Vell / Lease Legal         0186           Vell / Lease Legal         0186           Vell / Lease Insurance         0186           itamages         0186           company Supervision         0186           overhead Fixed Rate         0186           contingencies         5% (TCP) 5% (CC)         0187           tasing (10.1" - 19.0")         1890' - 13 3/8" 54.5# J-55 ST&C @ \$47,92/ft         0187           tasing (6.1" - 8.0")         10075' - 7" 29# HPP110 BT&C @ \$28.85/ft         0187           tasing (6.1" - 6.0")         1050' - 4 1/2' 13.5# HCP-110 CD-HTQ @ \$19.44/ft         0181           ubing Head & Upper Section         0167         0187           onizontal Completion Tools         0187         0187           ubing Head & Upper Section         0167         0187           onizontal Completio  | 0-0168<br>0-0170   | \$150,000  | 0100 0000  |  |        |
| contract Services & Supervision         018           irrectional Services         Includes vertical control         018           quipment Rental         018         018           Vell / Lease Legal         018         018           Vell / Lease Legal         018         018           Vell / Lease Insurance         018         018           itangible Supplies         018         018           armages         018         018           ipeline Interconnect & ROW Easements         018         018           company Supervision         018         018           werhead Fixed Rate         018         018           contingencies         5% (TCP) 5% (CC)         018           TOTAL           TANGIBLE COSTS 0181           asing (10.1" - 19.0")         1890' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         018           asing (6.1" - 19.0")         1890' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         018           colspan= 28         5% (TCP) 5% (CC)         018           asing (6.1" - 19.0")         1890' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         018           colspan= 28         0180' - 3 1/2" 9.2# L-80 IPC CD @ \$47.92/ft         018   | 0-0170   |  | 0180-0265  | \$40,0   |        |
| irrectional Services         Includes vertical control         0187           quipment Rental         0180         0180           Vell / Lease Legal         0180         0180           Vell / Lease Insurance         0180         0180           Vell / Lease Insurance         0180         0180           trangible Supplies         0180         0180           tamages         0180         0180           ipplien Interconnect & ROW Easements         0180         0180           company Supervision         0180         0180           worthead Fixed Rate         0180         0180           contingencies         5% (TCP) 5% (CC)         0181           tasing (19.1" - 19.0")         1890' -13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         0181           tasing (6.1" - 19.0")         1890' -13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         0181           tasing (6.1" - 19.0")         1890' -13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         0181           tasing (6.1" - 19.0")         10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         0181           tasing (4.1" - 6.0")         10075' - 7" 29# HPP110 BT&C @ \$34.18/ft         0181           tasing (4.1" - 6.0")         10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         0181           ubing Head & Upper Section  |  | \$4,000  | 0180-0268  | \$16,5   |        |
| quipment Rental         0160           Vell / Lease Legal         0180           Vell / Lease Insurance         0180           Vell / Lease Insurance         0180           amages         0180           ipeline Interconnect & ROW Easements         0180           company Supervision         0180           iverhead Fixed Rate         0180           contingencies         5% (TCP) 5% (CC)         0180           TANGIBLE COSTS 0181           asing (10.1" - 19.0")         1890' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         0181           asing (6.1" - 10.0")         3565' - 9 5/8" 36# J-55 ST&C @ \$47.92/ft         0181           asing (6.1" - 8.0")         10075' - 7" 29# HPP110 BT&C @ \$34.18/ft         0181           asing (6.1" - 8.0")         10075' - 7" 29# HPP110 BT&C @ \$34.18/ft         0181           asing (4.1" - 6.0")         1050' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         10181           asing (4.1" - 6.0")         1050' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         10181           asing (4.1" - 6.0")         1050' - 4 1/2" 12.5# L-80 IPC Tbg @ \$13.75/ft         10181           asing (4.1" - 6.0")         1050' - 4 1/2" 12.5# L-80 IPC Tbg @ \$13.75/ft         10181 <td co<="" td=""><td>0-01/3</td><td></td><td>1</td><td>\$61,8</td></td>   | <td>0-01/3</td> <td></td> <td>1</td> <td>\$61,8</td>   | 0-01/3   |  | 1  | \$61,8 |
| Vell / Lease Legal         0180           Vell / Lease Insurance         0180           Vell / Lease Insurance         0180           tamages         0180           pamages         0180           iamages         0180           ipeline Interconnect & ROW Easements         0180           company Supervision         0180           iverhead Fixed Rate         0180           contingencies         5% (TCP) 5% (CC)         0180           TOTAL           TANGIBLE COSTS 0181           asing (19.1" - 19.0")         1890 - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         0181           TangiBLE COSTS 0181         0181           asing (6.1" - 8.0")         0075' - 7" 29# HPP110 BT&C @ \$34.18/ft         0181           colspan="2">asing (6.1" - 8.0")         10075' - 7" 29# HPP110 BT&C @ \$34.18/ft         0181           asing (6.1" - 8.0")         10075' - 7" 29# HPP110 BT&C @ \$34.18/ft         0181           asing (6.1" - 8.0")         10050' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         Ubing         9345' - 3 1/2" 9.2# L-80 IPC Tbg @ \$13.75/ft         118'           totage Tanks         (1/4) (8)OT/(6)WT/(2)GB         018'         018'           totage Tanks<   |  | \$400,000  | 0180-0280  | £20.0  |        |
| Vell / Lease Insurance         0180           trangible Supplies         0180           armages         0180           ipeline Interconnect & ROW Easements         0180           company Supervision         0180           werthead Fixed Rate         0180           contingencies         5% (TCP) 5% (CC)         0180           TOTAL           TANGIBLE COSTS 0181           asing (19.1" - 30")           tasing (10.1" - 19.0")         1890' - 13 3/8' 54.5# J-55 ST&C @ \$47.92/ft         0181           tasing (10.1" - 19.0")         1890' - 13 3/8' 54.5# J-55 ST&C @ \$47.92/ft         0181           tasing (10.1" - 19.0")         1890' - 13 3/8' 54.5# J-55 ST&C @ \$47.92/ft         0181           tasing (10.1" - 10.0")         3565' - 9 5/8' 36# J-55 LT&C @ \$47.92/ft         0181           tasing (10.1" - 10.0")         3565' - 9 5/8' 36# J-55 LT&C @ \$47.92/ft         0181           tasing (4.1" - 6.0")         10075' - 7" 29# HPP110 DTC/C @ \$19.44/ft         0181           tasing (4.1" - 6.0")         10075' - 7" 29# HPP110 DTC/C-HTQ @ \$13.75/ft         0181           tasing (14.1" - 6.0")         1050' - 4 1/2' 13.5# HCP-110 CDC-HTQ @ \$13.75/ft         0181           tasing (20.0" (A  |  |  | 0180-0280  | \$30,0   |        |
| transition         014           transition         018           ipeline Interconnect & ROW Easements         0180           company Supervision         0180           werhead Fixed Rate         0180           contingencies         5% (TCP) 5% (CC)         0180           TOTAL           TANGIBLE COSTS 0181           TOTAL           TotAL           Tasing (10.1" - 19.0")         1890' - 13 3/8'' 54.5# J-55 ST&C @ \$47.92/ft         0181           Colspan="2">Colspan="2"           Colspan="2"           Colspan="2"           Colspan="2"           Colspan="2"           Colspan="2"           Colspan="2"           Colspan="2"           Colspan="2"   |  |  | 0180-0285  |  |        |
| amages         0180           ipeline Interconnect & ROW Easements         0180           company Supervision         0180           werhead Fixed Rate         0180           contingencies         5% (TCP) 5% (CC)         0180           TOTAL           TOTAL           TOTAL           TOTAL           TOTAL           TANGIBLE COSTS 0181           colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">TOTAL           TANGIBLE COSTS 0181           Colspan="2">Colspan="2"           Colspan="2"           Colspan="2"           Colspan="2"           Colspan="2"           Colspan="2"           Colspan="2" <td></td> <td></td> <td>0180-0285</td> <td>£1.0</td>  |  |  | 0180-0285  | £1.0   |        |
| ipeline Interconnect & ROW Easements         0180           company Supervision         0180           overhead Fixed Rate         0180           contingencies         5% (TCP) 5% (CC)         0180           TOTAL           TOTAL           TANGIBLE COSTS 0181         0181           Sign (8.1" - 19.0")         1890' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         0181           colspan="2">Colspan="2" <colspan="2">Colspan="2"<colspan="2"<colspan="2"<colspan="2"< td=""> <t< td=""><td></td><td></td><td>0180-0288</td><td>\$1,00<br/>\$10,00</td></t<></colspan="2"<colspan="2"<colspan="2"<></colspan="2">  |  |  | 0180-0288  | \$1,00<br>\$10,00  |        |
| company Supervision         0180           overhead Fixed Rate         0180           overhead Fixed Rate         0180           contingencies         5% (TCP) 5% (CC)         0180           TOTAL           TANGIBLE COSTS 0181           Contingencies           TOTAL           TANGIBLE COSTS 0181           Control           Contretretor  | 0-0190   | 310,000  | 0180-0290  | \$10,0   |        |
| Inverhead Fixed Rate         0180           contingencies         5% (TCP) 5% (CC)         0180           TOTAL           TANGIBLE COSTS 0181           continue of the second s   | 0-0192   | \$82,800   | 0180-0292  | \$23,40  |        |
| Sontingencies         5% (TCP)         5% (CC)         D180           TOTAL           TANGIBLE COSTS 0181           Control           Contro   | 0-0195   |  | 0180-0295  | \$23,40  |        |
| TOTAL         TOTAL           TANGIBLE COSTS 0181         0181           asing (19.1" - 30")         1890' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         0181           asing (8.1" - 10.0")         3565' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft         0181           asing (6.1" - 8.0")         10075' - 7" 29# HPP110 BT&C @ \$34.18/ft         0181           asing (4.1" - 6.0")         10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         0181           ubing Head         Upper Section         0187         0187           rilling Head         Upper Section         0181         0181           ubing Head & Upper Section         0187         0187         0187           ubing Tack Equip & Artificial Lift         11/4) (8)OT/(6)WT/(2)GB         0187         0187           irrisions Control Equipment         (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR         0197         0197         0197           vater Pipeline-Pipe/Valves & Misc         0         0         0         0         0           Vater Pipeline-Pipe/Valves & Misc         0   | 0-0199   |  | 0180-0299  | \$20,00  |        |
| TANGIBLE COSTS 0181         0181           asing (19.1" - 30")         0181           asing (10.1" - 19.0")         1890' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft         0181           asing (8.1" - 10.0")         3565' - 9 5/8" 3# J-55 LT&C @ \$28.85/ft         0181           asing (6.1" - 8.0")         10075' - 7" 29# HPP110 BT&C @ \$34.18/ft         0181           asing (4.1" - 6.0")         10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         0181           ubing         9345' - 3 1/2" 9.2# L-80 IPC Tbg @ \$13.75/ft         0187           ubing Head         Upper Section         0187           lorizontal Completion Tools         0187         0187           ubusurface Equip. & Artificial Lift         0187         0187           itorage Tanks         (1/4) (8)OT/(6)WT/(2)GB         0187           itorage Tanks         (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR         01   |  | \$2,810,400  |  | \$4,566,10   |        |
| casing (19.1" - 30")       0181'         casing (10.1" - 19.0")       1890' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft       0181'         casing (8.1" - 10.0")       3565' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft       0181'         casing (6.1" - 8.0")       10075' - 7" 29# HPP110 BT&C @ \$34.18/ft       0181'         casing (4.1" - 6.0")       10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft       0181'         ubing       9345' - 3 1/2" 9.2# L-80 IPC Tbg @ \$13.75/ft       0181'         ubing Head       Upper Section       0181'         lorizontal Completion Tools       0181'         ubing Head & Upper Section       0181'         lorizontal Completion Tools       0181'         ubing Head & Upper Section       0181'         lorizontal Completion Tools       0181'         ubing Equipment       (1/4) TP/CP/Circ pump         "torage Tanks       (1/4) (8)OT/(6)WT/(2)GB         imissions Control Equipment       (1/4) (4)WRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR         utomation Metering Equipment       011'         vil/Gas Pipeline-Pipe/Valves & Misc       0181'         On-site Valves/Fittings/Lines&Misc       0181'         Vellhead Flowlines - Construction       0181'         isathodic Protection       0191'         igquipment Installation       0110' </td <td></td> <td>02,010,400</td> <td></td> <td></td>   |  | 02,010,400   |  |  |        |
| Easing (10.1" - 19.0")       1890' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft       0181         Easing (8.1" - 10.0")       3565' - 9 5/8" 36# J-55 LT&C @ \$28.85/ft       0181         Easing (6.1" - 8.0")       10075' - 7" 29# HPP110 BT&C @ \$34.18/ft       0181         Easing (4.1" - 6.0")       10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft       0181         Ubing       9345' - 3 1/2" 9.2# L-80 IPC Tbg @ \$13.75/ft       0181         Origina Head       Upper Section       0181         Iorizontal Completion Tools       0181         Ubing Head & Upper Section       0181         Iorizontal Completion Tools       0181         Ubing Head & Upper Section       0181         Iorizontal Completion Tools       0181         Ubing Head & Upper Section       0181         Iorizontal Completion Tools       0181         Ubing Head & Upper Section       0181         Iorizontal Completion Tools       0181         Ubing Head & Upper Section       0181         Iorizontal Completion Tools       0181         Ubing Head & Upper Section       0181         Iorizontal Completion Tools       0181         Ubing Head & Upper Section       0181         Iorizontal Completion Tools       0181         Ubing Head & Upper Section  | 1 0703   |  |  |  |        |
| Easing (8.1" - 10.0")       3565' - 9 5/8" 36# J-55 LT&C @ \$28,85/ft       018'         Easing (6.1" - 8.0")       10075' - 7" 29# HPP110 BT&C @ \$34.18/ft       018'         Easing (4.1" - 6.0")       10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19,44/ft       018'         Ibing Head       018'       018'       018'         Ividing Head       018'       018'       018'         Ividing Head       018'       018'       018'         Ividing Head & Upper Section       018'       018'         Iorizontal Completion Tools       018'       018'         Idusurface Equip. & Artificial Lift       018'       018'         Evorage Tanks       (1/4) TP/CP/Circ pump       018'         Evorage Tanks       (1/4) (8)OT/(6)WT/(2)GB       018'         Emissions Control Equipment       (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR       018'         Expandion / Treating Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT       018'         Uutomation Metering Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT       018'         Uvid Head Flowlines - Construction       0       0         Eathodic Protection       0       0       0         Cathodic Protection       0       0       0         Cathodic Protection       0       0<  | 1-0793   | \$96,700   |  |  |        |
| Easing (6.1" - 8.0")       10075' - 7" 29# HPP110 BT&C @ \$34,18/ft       0181         Easing (4.1" - 6.0")       10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft       0181         Staing (4.1" - 6.0")       10500' - 4 1/2" 9.2# L-80 IPC Tbg @ \$13.75/ft       0181         Orilling Head       0187       0187       0181         Staing Head & Upper Section       0187       0181         Iorizontal Completion Tools       0187       0181         Stubsurface Equip. & Artificial Lift       0187       0187         Storage Tanks       (1/4) TP/CP/Circ pump       0187         Storage Tanks       (1/4) (8)OT/(6)WT/(2)GB       0187         Storage Tanks       (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR       0197         Storage Tanks       (1/4) (4)H SEP/(2)V SEP/(4)VHT       0197         Storage Tanks       (1/4) (4)H SEP/(2)V SEP/(4)VHT       0197         Storage Time-Pipe/Valves& Misc       0197       0197         Storage Time-Pipe/Valves & Misc       0197       0197       0197<   | 1-0795   | \$109,800  |  |  |        |
| Easing (4.1" - 6.0")       10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         Jubing       9345' - 3 1/2" 9.2# L-80 IPC Tbg @ \$13.75/ft       018'         ubing Head & Upper Section       018'         lorizontal Completion Tools       10500' / 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft         iubing Head & Upper Section       018'         lorizontal Completion Tools       10         iubsurface Equip. & Artificial Lift       11/2" 10/2" (1/4) TP/CP/Circ pump         ictorage Tanks       (1/4) (8)OT/(6)WT/(2)GB         imissions Control Equipment       (1/4) (4)/VRT/(1)/VRU/(1)FLARE/(3)KO/(1)AIR         ieeparation / Treating Equipment       (1/4) (4)/VRT/(1)/VRU/(1)FLARE/(3)KO/(1)AIR         water Pipeline-Pipe/Valves&Misc       10         Vater Pipeline-Pipe/Valves & Misc       10         Non-site Valves/Fittings/Lines&Misc       10         Vellhead Flowlines - Construction       10         idectrical Installation       10         iquipment Installation       10         idi/Gas Pipeline - Construction       10         Vater Pipeline - Construction       10  | 1-0796   | \$367,800  |  |  |        |
| ubing       9345' - 3 1/2" 9.2# L-80 IPC Tbg @ \$13.75/ft         ubing Head       018'         ubing Head & Upper Section       018'         lorizontal Completion Tools       0         ubsurface Equip. & Artificial Lift       0         iervice Pumps       (1/4) TP/CP/Circ pump         itorage Tanks       (1/4) (8)OT/(6)WT/(2)GB         imissions Control Equipment       (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR         ieeparation / Treating Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT         uutomation Metering Equipment       0         bil/Gas Pipeline-Pipe/Valves& Misc       0         Vater Pipeline-Pipe/Valves & Misc       0         vellhead Flowlines - Construction       0         iathodic Protection       0         iquipment Installation       0         iquipment Installation       0         vater Pipeline - Construction       0         iquipment Installation       0         vater Pipeline - Construction       0   | 10100  | 4007,000   | 0181-0797  | \$218,00   |        |
| Drilling Head       018 <sup></sup> Subing Head & Upper Section       018 <sup></sup> Iorizontal Completion Tools       018 <sup></sup> Subsurface Equip. & Artificial Lift       018 <sup></sup> iervice Pumps       (1/4) TP/CP/Circ pump         ictorage Tanks       (1/4) (8)OT/(6)WT/(2)GB         imissions Control Equipment       (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR         ieeparation / Treating Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT         utomation Metering Equipment       018 <sup></sup> vil/Gas Pipeline-Pipe/Valves&Misc       000000000000000000000000000000000000   |  |  | 0181-0798  | \$137,20   |        |
| Building Head & Upper Section       Initial Completion Tools         Borizontal Completion Tools       Initial Completion Tools         Bubsurface Equip. & Artificial Lift       Initial Completion Tools         Beeparation / Treating Equipment       (1/4) (8)OT/(6)WT/(2)GB         Birth Statistics       (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR         Beeparation / Treating Equipment       (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR         Beeparation / Treating Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT         Buttomation Metering Equipment       Dil/Gas Pipeline-Pipe/Valves&Misc         Vater Pipeline-Pipe/Valves & Misc       Din-site Valves/Fittings/Lines&Misc         Vellhead Flowlines - Construction       Initial Construction         Buil/Gas Pipeline - Construction       Initial Construction         Cathodic Protection       Initial Construction         Buil/Gas Pipeline - Construction       Initial Construction         Supplement Installation       Initial Construction         Vater Pipeline - Construction       Initial Construction   | 1-0860   | \$50,000   |  | 0107,20  |        |
| Subsurface Equip. & Artificial Lift  |  | 400,000  | 0181-0870  | \$30,00  |        |
| iervice Pumps       (1/4) TP/CP/Circ pump         ictorage Tanks       (1/4) (8)OT/(6)WT/(2)GB         imissions Control Equipment       (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR         ieparation / Treating Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT         iutomation Metering Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT         vil/Gas Pipeline-Pipe/Valves&Misc       On-site Valves/Fittings/Lines&Misc         Vater Pipeline-Pipe/Valves & Misc       On-site Valves/Fittings/Lines&Misc         Vellhead Flowlines - Construction       Eathodic Protection         idectrical Installation       Dil/Gas Pipeline - Construction         vater Pipeline - Construction       TOTAL   |  |  | 0181-0871  | \$75,0   |        |
| Itorage Tanks       (1/4) (8)OT/(6)WT/(2)GB         Imissions Control Equipment       (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR         ieparation / Treating Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT         iutomation Metering Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT         vil/Gas Pipeline-Pipe/Valves&Misc       On-site Valves/Fittings/Lines&Misc         Vellhead Flowlines - Construction       Eathodic Protection         Clectrical Installation       Dil/Gas Pipeline - Construction         Vater Pipeline - Construction       TOTAL   |  |  | 0181-0880  | \$40,00  |        |
| Imissions Control Equipment       (1/4) (4)VRT/(1)VRU/(1)FLARE/(3)KO/(1)AIR         ieparation / Treating Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT         iutomation Metering Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT         vil/Gas Pipeline-Pipe/Valves&Misc       0         On-site Valves/Fittings/Lines&Misc       0         Vellhead Flowlines - Construction       0         Cathodic Protection       0         Guipment Installation       0         Oil/Gas Pipeline - Construction       0         Year Pipeline - Construction       0         Total       0  |  |  | 0181-0886  | \$10,0   |        |
| Separation / Treating Equipment       (1/4) (4)H SEP/(2)V SEP/(4)VHT         Jutomation Metering Equipment       Jutomation Metering Equipment         Jul/Gas Pipeline-Pipe/Valves&Misc       Vater Pipeline-Pipe/Valves & Misc         Vater Pipeline-Pipe/Valves & Misc       On-site Valves/Fittings/Lines&Misc         Vellhead Flowlines - Construction       Eathodic Protection         Clectrical Installation       Sequipment Installation         Siquipment Installation       Dil/Gas Pipeline - Construction         Vater Pipeline - Construction       TOTAL  |  |  | 0181-0890  | \$135,0  |        |
| Automation Metering Equipment       Image: State S   |  |  | 0181-0892  | \$99,0   |        |
| bil/Gas Pipeline-Pipe/Valves&Misc         Vater Pipeline-Pipe/Valves & Misc         On-site Valves/Fittings/Lines&Misc         Vellhead Flowlines - Construction         cathodic Protection         cathodic Protection         cilectrical Installation         ciquipment Installation         values Pipeline - Construction         Vater Pipeline - Construction         TOTAL   |  |  | 0181-0895  | \$77.0   |        |
| Vater Pipeline-Pipe/Valves & Misc  Dn-site Valves/Fittings/Lines&Misc  Vellhead Flowlines - Construction Cathodic Protection Cathodic Protection Cathodic Installation Cathodic Installation Cathodic Protection Cathodic Protecti |  |  | 0181-0898  | \$93,0   |        |
| In-site Valves/Fittings/Lines&Misc       Image: Construction         Vellhead Flowlines - Construction       Image: Construction         Sathodic Protection       Image: Construction         Idectrical Installation       Image: Construction         Iquipment Installation       Image: Construction         Valer Pipeline - Construction       Image: Construction         TOTAL       Image: Construction  |  |  | 0181-0900  | \$87,5   |        |
| Vellhead Flowlines - Construction  |  |  | 0181-0901  | \$95,0   |        |
| Cathodic Protection       Image: Cathodic Protection         Cathodic Protection       Image: Cathodic Protection         Cathodic Protection       Image: Cathodic Protection         Vater Pipeline - Construction       Image: Cathodic Protection         TOTAL       Image: Cathodic Protection   |  |  | 0181-0906  | \$175,0  |        |
| Ilectrical Installation       Ilectrical Installation         Equipment Installation       Ilectrical Installation         Dil/Gas Pipeline - Construction       Ilectrical Installation         Vater Pipeline - Construction       Installation         TOTAL       Installation   |  |  | 0181-0907  | \$32,0   |        |
| iquipment Installation     iil/Gas Pipeline - Construction       Vater Pipeline - Construction     TOTAL   |  |  | 0181-0908  |  |        |
| Vater Pipeline - Construction  TOTAL   |  |  | 0181-0909  | \$167,0  |        |
| Vater Pipeline - Construction TOTAL  |  |  | 0181-0910  | \$88,0   |        |
| TOTAL  |  |  | 0181-0920  | \$135,0  |        |
|  |  |  | 0181-0921  | \$85,0   |        |
| SUBTOTAL   |  | \$624,300  |  | \$1,778,7  |        |
|  |  | \$3,434,700  | i  | \$6,344,8  |        |
|  |  |  | 11   |  |        |
| the second provide the process of the provide the providet the provide the provide the provide th      |  | the premium  | <b>n.</b><br>in Line Item 0  | 180-0185.  |        |
| neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insu  | d redrilling as  |  |  |  |        |
| Prepared by: H. Buckley Date: 09   | d redrilling as  |  |  |  |        |
| Company Approval: Date:  | d redrilling as  |  |  |  |        |
| Joint Owner Interest: Amount:  | d redrilling as  |  |  | 1000   |        |

Signature:

Joint Owner Name:

# <u>Summary of Communications</u> <u>Goat Rope 7/18 State Com #523H (B2CN)</u> <u>E/2W/2 of Section 7-T20S-R36E, Lea County, NM &</u> <u>E/2W/2 of Section 26-T20S-R36E, Lea County, NM</u>

# Franklin Mountain Energy 3, LLC:

7/19/2024: Mailed AFEs, Well Proposal Letter and Joint Operating Agreement to above listed party.

7/22/2024: Mailed package is received by above listed party.

9/24/2024: Phone conversation with employee of above listed party.

9/25/2024: Phone conversation with employee of above listed party.

10/2/2024: Mailed Notice of Change Letter for new Surface and Bottom Hole Locations.

12/5/2024: Phone conversation with employee of above listed party.

# **XTO Energy Inc.:**

7/22/2024: Mailed AFEs, Well Proposal Letter and Joint Operating Agreement to above listed party, 7/25/2024: Mailed package is received by above listed party.

7/30/2024: Email conversation with employee of above listed party.

8/2/2024: Email conversation with employee of above listed party.

8/6/2024: Email conversation with employee of above listed party.

9/12/2024: Email conversation with employee of above listed party.

9/20/2024: Phone conversation with employee of above listed party.

10/2/2024: Mailed Notice of Change Letter for new Surface and Bottom Hole Locations.

# Apache Corporation:

7/22/2024: Mailed AFEs, Well Proposal Letter and Joint Operating Agreement to above listed party.

7/25/2024: Mailed package is received by above listed party.

8/27/2024: Email conversation with employee of above listed party.

10/2/2024: Mailed Notice of Change Letter for new Surface and Bottom Hole Locations.

# Occidental Permian Ltd (Record Title Owner Only):

7/22/2024: Mailed Communitization Agreement package to above listed party

# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

# APPLICATIONS OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

# CASE NOS. 24845-24848

## SELF-AFFIRMED STATEMENT OF CHARLES CROSBY

1. My name is Charles Crosby. I work for Mewbourne Oil Company ("Mewbourne") as a Geologist.

2. I have previously testified before the New Mexico Oil Conservation Division ("Division") as an expert witness in petroleum geology. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record.

3. I am familiar with the application filed by Mewbourne in these cases, and I have conducted a geologic study of the lands in the subject area.

 Mewbourne is initially targeting the Second Bone Spring Sand interval of the Bone Spring formation in these cases.

5. **Mewbourne Exhibit B-1** is a map showing the general location of the proposed spacing units outlined in dashed black boxes within a solid red box.

6. **Mewbourne Exhibit B-2** is a subsea structure map that I prepared for the base of the Second Bone Spring Sand. The contour intervals are 100 feet. The area comprising the proposed spacing units is outlined in dashed black boxes with the approximate location and orientation of the initial wells noted with dashed green arrows. The structure map shows the targeted formation gently dipping to the east. The structure appears consistent across the proposed spacing unit, and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells.

7. Mewbourne Exhibit B-2 also shows a line of cross-section through the proposed horizontal spacing unit from A to A'. I chose the logs from these wells to create the cross-section because they penetrate the targeted interval, are of good quality and have been subjected to petrophysical analysis of the targeted interval. In my opinion, these well logs are representative of the geology in the subject area.

8. **Mewbourne Exhibit B-3** is a stratigraphic cross-section that I prepared using the logs from the representative wells shown in Exhibit B-2. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The target interval for the proposed wells is marked on the cross-section with a green arrow. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.

9. In my opinion, the standup orientation of the proposed wells is the appropriate orientation for horizontal well development in this area because of the established directional pattern and the known regional stress regime.

10. Based on my geologic study, the Bone Spring formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed spacing unit will contribute more-or-less equally to the production from the wellbore. I have not identified any geologic impediments to drilling horizontal wells in the proposed spacing units.

11. In my opinion, the proposed horizontal wells will efficiently develop this acreage, and that approving Mewbourne's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

2

#### Page 25 of 34

12. Mewbourne Exhibits B-1 through B-3 were either prepared by me or compiled under my direction and supervision.

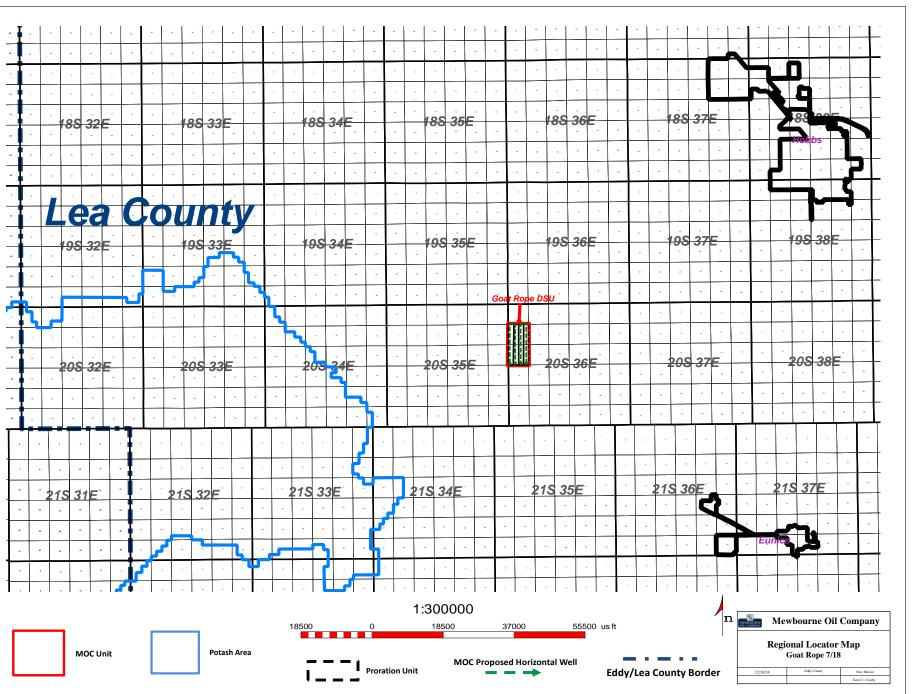
13. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature

below.

12/10/24

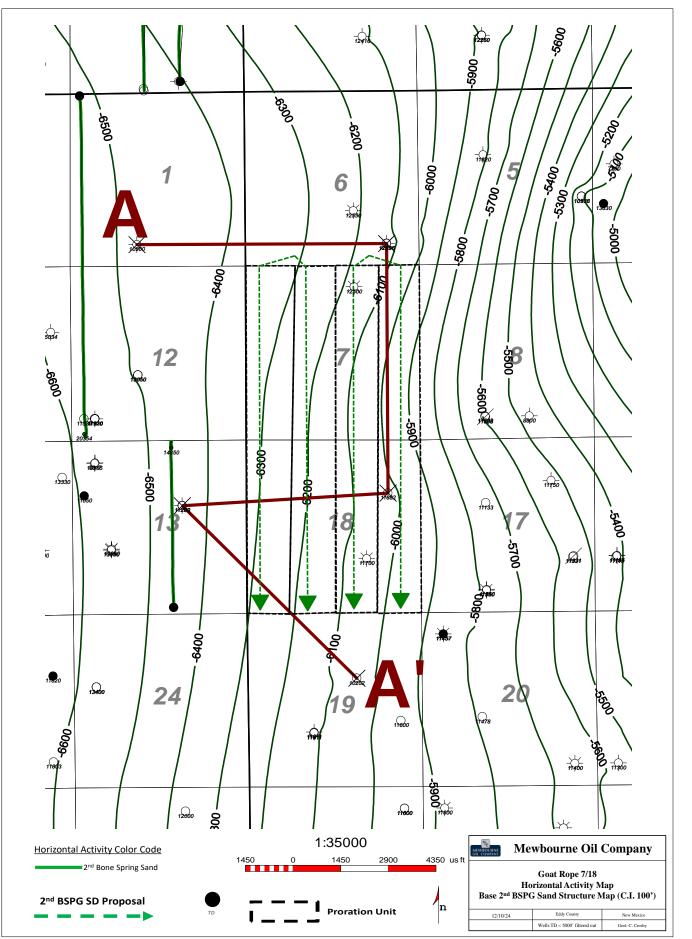
Charles Crosby

Date



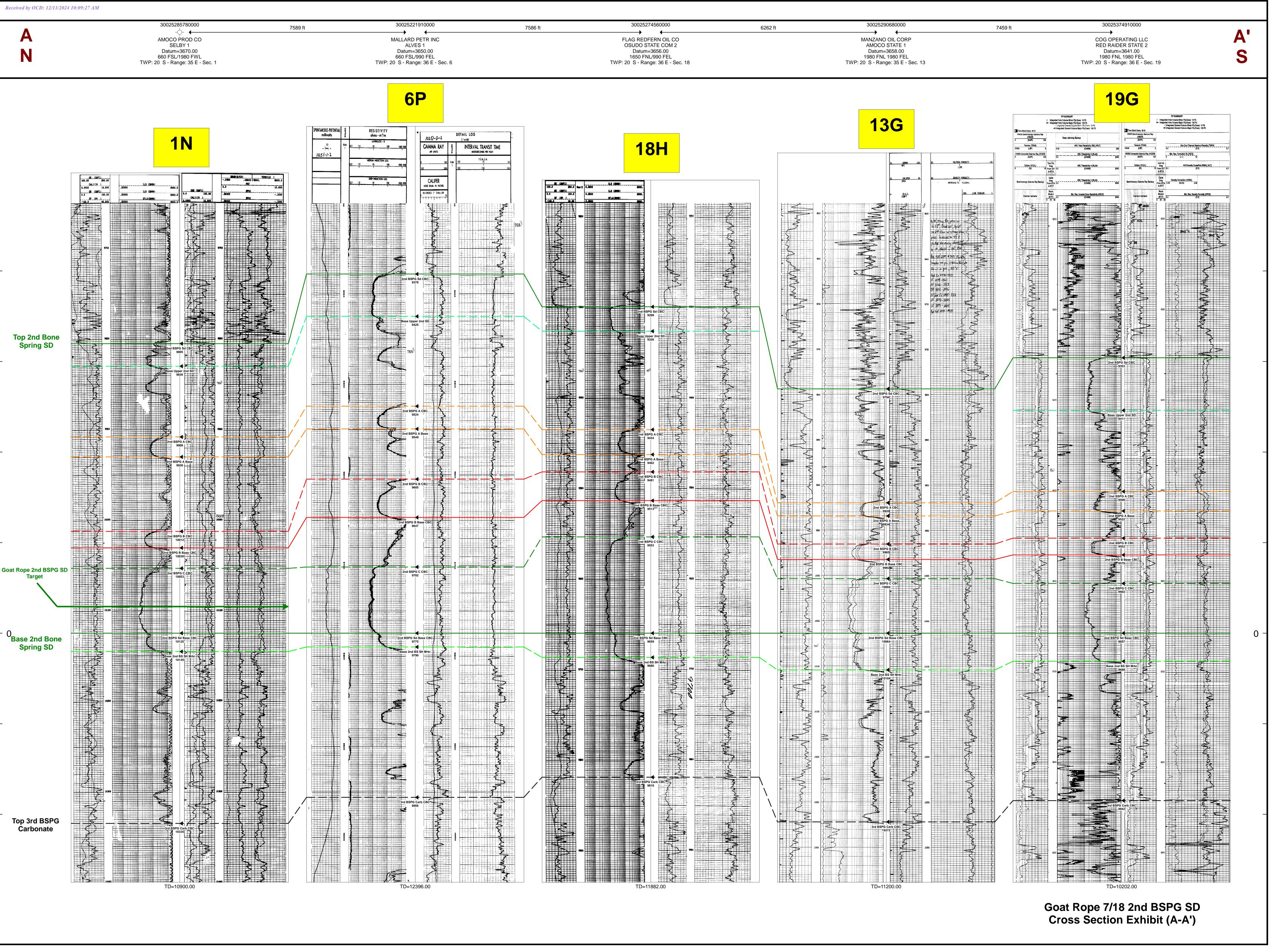
BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. B-1 Submitted by: Mewbourne Oil Company Hearing Date: January 9, 2025 Case No. 24846

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BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. B-2 Submitted by: Mewbourne Oil Company Hearing Date: January 9. 2025 Case No. 24846

Released to Imaging: 1/2/2025 2:14:01 PM





Case No. 24846

# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

# APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

## **CASE NO. 24846**

# <u>SELF-AFFIRMED STATEMENT OF</u> <u>MICHAEL H. FELDEWERT</u>

1. I am attorney in fact and authorized representative of Mewbourne Oil Company ("MOC"), the Applicant herein. I have personal knowledge of this matter addressed herein and am competent to provide this self-affirmed statement.

2. The above-referenced application and notice of the hearing on this application was sent by certified mail to the affected parties on the date set forth in the letter attached hereto.

3. The spreadsheet attached hereto contains the names of the parties to whom notice was provided.

4. The spreadsheet attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of December 10, 2024.

5. I caused a notice to be published to all parties subject to these proceedings.

An affidavit of publication from the publication's legal clerk with a copy of the notice publication is attached herein.

6. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statement are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

> BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. C Submitted by: Mewbourne Oil Company Hearing Date: January 9, 2025 Case No. 24846

Released to Imaging: 1/2/2025 2:14:01 PM

Michal & Fellewers

Michael H. Feldewert

December 10, 2024 Date

# Holland & Hart

Michael H. Feldewert Partner Phone (505) 988-4421 mfeldewert@hollandhart.com

September 13, 2024

# <u>VIA CERTIFIED MAIL</u> CERTIFIED RECEIPT REQUESTED

# **TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS**

# **Re:** Application of Mewbourne Company for Compulsory Pooling, Lea County, New Mexico: *Goat Rope 18/7 State Com 523H*

Ladies & Gentlemen:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on October 3, 2024, and the status of the hearing can be monitored through the Division's website at <u>https://www.emnrd.nm.gov/ocd/</u>.

It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually in the hearing, see the instructions posted on the OCD Hearings website: <u>https://www.emnrd.nm.gov/ocd/hearing-info/</u>.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Tyler Jolly at (432) 682-3715, or at tjolly@mewbourne.com.

Sincerely,

Stuchal 2 - Fillewers

Michael H. Feldewert ATTORNEY FOR MEWBOURNE OIL COMPANY

Location 110 North Guadalupe, Suite 1 Santa Fe, NM 87501-1849 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208 Contact p: 505.988.4421 | f: 505.983.6043 www.hollandhart.com

Holland & Hart LLP Anchorage Aspen Billings Boise Boulder Cheyenne Denver Jackson Hole Las Vegas Reno Salt Lake City Santa Fe Washington, D.C.

|                        |   | Postal Delivery Report  |         |    | -          |   |
|------------------------|---|-------------------------|---------|----|------------|---|
| 9414811898765484771006 | Chevron U.S.A. Inc., Attn Scott<br>Sabrsula | 1400 Smith St           | Houston | ТХ | 77002-7327 | Your item was picked up<br>at a postal facility at 11:57<br>am on September 23,<br>2024 in HOUSTON, TX<br>77002.                              |
| 9414811898765484771044 | Franklin Mountain Energy 3, LLC             | 44 Cook St Ste 1000     | Denver  | со | 80206-5827 | Your item was delivered to<br>the front desk, reception<br>area, or mail room at 3:45<br>pm on September 16,<br>2024 in DENVER, CO            |
| 9414811898765484771082 | Maverick Permian LLC, Attn<br>Emma Whelton  | 1000 Main St Ste 2900   | Houston | ТХ | 77002-6342 | Your item was delivered to<br>the front desk, reception<br>area, or mail room at 3:02<br>pm on September 26,<br>2024 in HOUSTON, TX<br>77002. |
| 9414811898765484771457 | Pride Energy Company, Attn<br>Matt Pride    | PO Box 701950           | Tulsa   | ОК | 74170-1950 | Your package will arrive<br>later than expected, but is<br>still on its way. It is<br>currently in transit to the<br>next facility.           |
| 9414811898765484771426 | Coterra Energy Inc.                         | 6001 Deauville Ste 300N | Midland | тх | 79706-2671 | Your item was delivered to<br>an individual at the<br>address at 2:44 pm on<br>September 17, 2024 in<br>MIDLAND, TX 79706.                    |
|                        |   |                         |         |    |            | Your item was delivered to<br>the front desk, reception<br>area, or mail room at 6:38<br>pm on September 24,<br>2024 in HOUSTON, TX           |

1900 Saint James Pl Ste 800

Houston TX

77056-4133 77056.

MOC - Goat Rope 521H, 523H, 525H, 527H wells - Case nos. 24845-24848

Received by OCD: 12/11/2024 10:09:27 AM

9414811898765484771495 Pioneer Exploration LLC

| Postal Delivery Report |   |                                |         |    |            |   |  |  |  |
|------------------------|---|--------------------------------|---------|----|------------|---|--|--|--|
| 9414811898765484771488 | XTO Energy Inc., Attn Daniel<br>Castillo  | 22777 Springwoods Village Pkwy | Spring  | TX | 77389-1425 | Your item was delivered to<br>an individual at the<br>address at 8:58 am on<br>September 18, 2024 in<br>SPRING, TX 77379. |  |  |  |
| 9414811898765484771471 | Apache Corporation, Attn Blake<br>Johnson | 2000 Post Oak Blvd Ste 100     | Houston | TX | 77056-4400 | Your item was delivered to<br>an individual at the<br>address at 1:45 pm on<br>September 25, 2024 in                      |  |  |  |

MOC - Goat Rope 521H, 523H, 525H, 527H wells - Case nos. 24845-24848

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# Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated September 17, 2024 and ending with the issue dated September 17, 2024.

un

Publisher

Sworn and subscribed to before me this 17th day of September 2024.

Business Manager

My commission expires January 29, 2027 STATE OF NEW MEXICO Seal) NOTARY PUBLIC **GUSSIE RUTH BLACK** COMMISSION # 1087528 COMMISSION EXPIRES 01/29/2027

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said publication has been made.

67100754

00294119

HOLLAND & HART LLC 110 N GUADALUPE ST., STE. 1 SANTA FE, NM 87501

> BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. D Submitted by: Mewbourne Oil Company Hearing Date: January 9, 2025 Case No. 24846

LEGAL NOTICE September 17, 2024

LEGAL

LEGAL

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