

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

**APPLICATION OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

**CASE NO. 25234**

**NOTICE OF AMENDED EXHIBITS**

Mewbourne Oil Company is providing the attached amended exhibit packet, which includes a revised Exhibit A-3

Respectfully submitted,

HARDY MCLEAN LLP

/s/ Dana S. Hardy

Dana S. Hardy

Jaclyn M. McLean

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 982-8623

dhardy@hardymclean.com

jmclean@hardymclean.com

*Counsel for Mewbourne Oil Company*

**CERTIFICATE OF SERVICE**

I hereby certify that a true and correct copy of the foregoing was served on the following counsel of record via electronic mail on July 10, 2025:

Darin C. Savage  
William E. Zimsky  
Andrew D. Schill  
Abadie & Schill, PC  
214 McKenzie Street  
Santa Fe, New Mexico 87501  
Telephone: 970.385.4401  
Facsimile: 970.385.4901  
[darin@abadieschill.com](mailto:darin@abadieschill.com)  
[bill@abadieschill.com](mailto:bill@abadieschill.com)  
[andrew@abadieschill.com](mailto:andrew@abadieschill.com)  
*Attorneys for Devon Energy Production Company, L.P.*

Elizabeth Ryan  
Keri L. Hatley  
ConocoPhillips  
1048 Paseo de Peralta  
Santa Fe, New Mexico 87501  
(505) 780-8000  
[beth.ryan@conocophillips.com](mailto:beth.ryan@conocophillips.com)  
[keri.hatley@conocophillips.com](mailto:keri.hatley@conocophillips.com)  
*Attorneys For COG Operating LLC and Concho Oil & Gas LLC*

Michael Rodriguez  
Ocean Munds-Dry  
309 Johnson St.  
Santa Fe, NM 87501  
(505) 592-0521  
(303) 312-8518  
[omundsdry@civiresources.com](mailto:omundsdry@civiresources.com)  
[mdrodriguez@civiresources.com](mailto:mdrodriguez@civiresources.com)  
*Attorneys for Civitas Permian Operating, LLC*

/s/Dana S. Hardy

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

**APPLICATION OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO**

**CASE NO. 25234**

**EXHIBIT INDEX**

**Compulsory Pooling Checklist**

<b>Exhibit A</b>	<b>Self-Affirmed Statement of Braxton Blandford</b>
A-1	Application & Proposed Notice of Hearing
A-2	C-102s
A-3	Plat of Tracts, Tract Ownership, Applicable Lease Numbers, Unit Recapitulation, Pooled Parties
A-4	Sample Well Proposal Letter & AFE
A-5	Chronology of Contact
<b>Exhibit B</b>	<b>Self-Affirmed Statement of Charles Crosby</b>
B-1	Location Map
B-2	Subsea Structure Map
B-3	Stratigraphic Cross-Section
<b>Exhibit C</b>	<b>Self-Affirmed Statement of Jaclyn M. McLean</b>
C-1	Notice Letter to All Interested Parties Sent March 7, 2025
C-2	Postal Delivery Report
C-3	Electronic Return Receipts
C-4	Affidavit of Publication for February 27, 2025

<b>COMPULSORY POOLING APPLICATION CHECKLIST</b>	
<b>ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS</b>	
<b>Case: 25234</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date: July 10, 2025</b>	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company (OGRID No. 14744)
Applicant's Counsel:	Hardy McLean LLC
Case Title:	Application of Mewbourne Oil Company, for Compulsory Pooling, Eddy County, New Mexico.
Entries of Appearance/Intervenors:	Civitas Permian Operating, LLC; COG Operating LLC; Concho Oil & Gas LLC; Devon Energy Production Company, L.P.
Well Family	Buffalo Nickel
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Wolfcamp Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Wolfcamp Formation
Pool Name and Pool Code:	Avalon, Wolfcamp Pool (Code 71120)
Well Location Setback Rules:	Statewide
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	1,121.12-acres
Building Blocks:	quarter-quarter
Orientation:	West to East
Description: TRS/County	Section 33 and the NW/4 and S/2 of Section 34, Township 21 South, Range 26 East, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u>	No. Applicant is separately seeking administrative approval of the non-standard spacing unit.
<b>Other Situations</b>	
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-3
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Buffalo Nickel 33/34 Fed Com 711H (API # pending) SHL: 2260' FNL & 280' FEL (Unit H), Section 32, T21S, R26E BHL: 660' FNL & 2600' FWL (Unit C), Section 34, T21S, R26E Completion Target: Wolfcamp (Approx. 8,557' TVD)
Well #2	Buffalo Nickel 33/34 Fed Com 713H (API # pending) SHL: 2280' FNL & 280' FEL (Unit H), Section 32, T21S, R26E BHL: 1980' FNL & 2641' FWL (Unit F), Section 34, T21S, R26E Completion Target: Wolfcamp (Approx. 8,562' TVD)
Well #3	Buffalo Nickel 33/34 Fed Com 716H (API # pending) SHL: 1880' FSL & 280' FEL (Unit I), Section 32, T21S, R26E BHL: 1980' FSL & 100' FEL (Unit I), Section 34, T21S, R26E Completion Target: Wolfcamp (Approx. 8,653' TVD)
Well #4	Buffalo Nickel 33/34 Fed Com 718H (API # pending) SHL: 1840' FSL & 280' FEL (Unit I), Section 32, T21S, R26E BHL: 660' FSL & 100' FEL (Unit P), Section 34, T21S, R26E Completion Target: Wolfcamp (Approx. 8,661' TVD)
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A-4
Requested Risk Charge	200%



<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit A-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits C-1, C-2, C-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-3
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit A-4
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
Overhead Rates In Proposal Letter	Exhibit A-4
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
<b>Geology</b>	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	N/A
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-2
Depth Severance Discussion	N/A
<b>Forms, Figures and Tables</b>	
C-102	Exhibit A-2
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-1
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
<b>Additional Information</b>	
Special Provisions/Stipulations	N/A
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	Dana S. Hardy
<b>Signed Name</b> (Attorney or Party Representative):	/s/ Dana S. Hardy
<b>Date:</b>	7/2/2025

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

**APPLICATION OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

**Case No. 25234**

**SELF-AFFIRMED STATEMENT  
OF BRAXTON BLANDFORD**

1. I am a Landman with Mewbourne Oil Company ("Mewbourne"). I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division"), and my credentials as an expert in petroleum land matters were accepted and made a matter of record.

2. I am familiar with the land matters involved in the above-referenced case. Copies of Mewbourne's Application and proposed hearing notice are attached as **Exhibit A-1**.

3. None of the parties proposed to be pooled in this case indicated opposition to this matter proceeding by affidavit, therefore I do not expect any opposition at hearing.

4. Mewbourne applies for an order pooling all uncommitted interests within the Wolfcamp formation underlying a 1,121.12-acre, more or less, non-standard horizontal spacing unit comprised of all of Section 33 and the NW/4 and S/2 of Section 34, Township 21 South, Range 26 East, Eddy County, New Mexico ("Unit").

5. The Unit will be dedicated to the following wells ("Wells"):

- **Buffalo Nickel 33/34 Fed Com #711H**, which will be drilled from a surface hole location in the SE/4 NE/4 (Unit H) of Section 32 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 34;

**Mewbourne Oil Company  
Case No. 25234  
Exhibit A**

- **Buffalo Nickel 33/34 Fed Com #713H**, which will be drilled from a surface hole location in the SE/4 NE/4 (Unit H) of Section 32 to a bottom hole location in the SE/4 NW/4 (Unit F) of Section 34;
  - **Buffalo Nickel 33/34 Fed Com #716H**, which will be drilled from a surface hole location in the NE/4 SE/4 (Unit I) of Section 32 to a bottom hole location in the NE/4 SE/4 (Unit I) of Section 34; and
  - **Buffalo Nickel 33/34 Fed Com #718H**, which will be drilled from a surface hole location in the NE/4 SE/4 (Unit I) of Section 32 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 34.
6. The completed intervals of the Wells will be orthodox.
  7. Mewbourne is separately seeking administrative approval of the non-standard spacing unit.
  8. **Exhibit A-2** contains the C-102s for the Wells.
  9. **Exhibit A-3** contains a plat that identifies ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests Mewbourne seeks to pool highlighted in yellow.
  10. **Exhibit A-4** contains a sample well proposal letter and AFEs sent to the working interest owners for the Wells. The estimated costs reflected on the AFEs are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.
  11. Mewbourne has conducted a diligent search of all county public records, including phone directories, internet searches, and computer databases, to identify all potential addresses and

contact information for each interest owner it seeks to pool. Mewbourne believes it located valid addresses for the parties it seeks to pool.

12. In my opinion, Mewbourne made a good-faith effort to reach voluntary joinder of uncommitted interests in the Wells as indicated by the chronology of contact described in **Exhibit A-5**.

13. Mewbourne requests overhead and administrative rates of \$8,000.00 per month while the Wells are being drilled and \$800.00 per month while the Wells are producing. These rates are fair and are comparable to the rates charged by Mewbourne and other operators in the vicinity.

14. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.

15. In my opinion, the granting of Mewbourne's application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

16. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

  
Braxton Blandford

7/1/2025  
Date

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

**APPLICATION OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO**

**CASE NO. 25234**

**APPLICATION**

Pursuant to NMSA § 70-2-17, Mewbourne Oil Company, (OGRID No. 14744) ("Applicant") applies for an order pooling all uncommitted interests in the Wolfcamp formation underlying a 1,121.12-acre, more or less, non-standard horizontal spacing unit comprised of all of Section 33 and the NW/4 and S/2 of Section 34, Township 21 South, Range 26 East, Eddy County, New Mexico ("Unit"). In support of its application, Mewbourne states the following:

1. Applicant is a working interest owner in the Unit and has the right to drill wells thereon.
2. The Unit will be dedicated to the following wells ("Wells"):
  - a. **Buffalo Nickel 33/34 Fed Com #711H**, which will be drilled from a surface hole location in the SE/4 NE/4 (Unit H) of Section 32 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 34;
  - b. **Buffalo Nickel 33/34 Fed Com #713H**, which will be drilled from a surface hole location in the SE/4 NE/4 (Unit H) of Section 32 to a bottom hole location in the SE/4 NW/4 (Unit F) of Section 34;
  - c. **Buffalo Nickel 33/34 Fed Com #716H**; which will be drilled from a surface hole location in the NE/4 SE/4 (Unit I) of Section 32 to a bottom hole location in the NE/4 SE/4 (Unit I) of Section 34; and
  - d. **Buffalo Nickel 33/34 Fed Com #718H**, which will be drilled from a surface hole location in the NE/4 SE/4 (Unit I) of Section 32 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 34.
3. The completed intervals of the Wells will be orthodox.

**Mewbourne Oil Company  
Case No. 25234  
Exhibit A-1**

4. Applicant is seeking approval of the non-standard spacing unit through the Division's administrative process.

5. Applicant has undertaken diligent, good faith efforts to obtain voluntary agreements from all interest owners to participate in the drilling of the Wells but has been unable to obtain voluntary agreements from all interest owners.

6. The pooling of uncommitted interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

7. In order to allow Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and Applicant should be designated the operator of the Wells and the Unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on March 13, 2025, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the Wells in the Unit;
- C. Designating Applicant as operator of the Unit and the Wells to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping and completing the Wells;
- E. 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
- F. Imposing a 200% penalty for the risk assumed by Applicant in drilling and completing the Wells against any working interest owner who does not voluntarily participate in the drilling of the Wells.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy

Jaclyn M. McLean

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

dhardy@hinklelawfirm.com

jmclean@hinklelawfirm.com

*Counsel for Mewbourne Oil Company*



**Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico.** Applicant applies for an order pooling all uncommitted interests in the Wolfcamp formation underlying a 1,121.12-acre, more or less, non-standard horizontal spacing unit comprised of all of Section 33 and the NW/4 and S/2 of Section 34, Township 21 South, Range 26 East, Eddy County, New Mexico (“Unit”). The Unit will be dedicated to the following wells (“Wells”): **Buffalo Nickel 33/34 Fed Com #711H**, which will be drilled from a surface hole location in the SE/4 NE/4 (Unit H) of Section 32 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 34; **Buffalo Nickel 33/34 Fed Com #713H**, which will be drilled from a surface hole location in the SE/4 NE/4 (Unit H) of Section 32 to a bottom hole location in the SE/4 NW/4 (Unit F) of Section 34; **Buffalo Nickel 33/34 Fed Com #716H**; which will be drilled from a surface hole location in the NE/4 SE/4 (Unit I) of Section 32 to a bottom hole location in the NE/4 SE/4 (Unit I) of Section 34; and **Buffalo Nickel 33/34 Fed Com #718H**, which will be drilled from a surface hole location in the NE/4 SE/4 (Unit I) of Section 32 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 34. The completed intervals of the Wells will be orthodox. Applicant is seeking approval of the non-standard spacing unit through the Division’s administrative process. Also to be considered will be the cost of drilling and completing the Wells and the allocation of the costs, the designation of Applicant as the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located less than one mile from northwest Carlsbad, New Mexico.



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
			Submittal Type:	<input type="checkbox"/> Initial Submittal
				<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled		

## WELL LOCATION INFORMATION

API Number 30-015-PENDING	Pool Code 71120	Pool Name Avalon, Wolfcamp	
Property Code	Property Name <b>BUFFALO NICKEL 33/34 FED COM</b>	Well Number <b>711H</b>	
OGRID No. 14744	Operator Name <b>MEWBOURNE OIL COMPANY</b>	Ground Level Elevation <b>3253'</b>	
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	

## Surface Location

UL <b>H</b>	Section <b>32</b>	Township <b>21S</b>	Range <b>26E</b>	Lot	Ft. from N/S <b>2260 FNL</b>	Ft. from E/W <b>280 FEL</b>	Latitude <b>32.4375098°N</b>	Longitude <b>104.3073414°W</b>	County <b>EDDY</b>
----------------	----------------------	------------------------	---------------------	-----	---------------------------------	--------------------------------	---------------------------------	-----------------------------------	-----------------------

## Bottom Hole Location

UL <b>C</b>	Section <b>34</b>	Township <b>21S</b>	Range <b>26E</b>	Lot	Ft. from N/S <b>660 FNL</b>	Ft. from E/W <b>2600 FWL</b>	Latitude <b>32.4419459°N</b>	Longitude <b>104.2805950°W</b>	County <b>EDDY</b>
----------------	----------------------	------------------------	---------------------	-----	--------------------------------	---------------------------------	---------------------------------	-----------------------------------	-----------------------

Dedicated Acres 1.12112	Infill or Defining Well Infill	Defining Well API 30-015-PENDING	Overlapping Spacing Unit (Y/N) N	Consolidation Code
Order Numbers			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

## Kick Off Point (KOP)

UL <b>A</b>	Section <b>32</b>	Township <b>21S</b>	Range <b>26E</b>	Lot	Ft. from N/S <b>660 FNL</b>	Ft. from E/W <b>473 FEL</b>	Latitude <b>32.4418959°N</b>	Longitude <b>104.3077951°W</b>	County <b>EDDY</b>
----------------	----------------------	------------------------	---------------------	-----	--------------------------------	--------------------------------	---------------------------------	-----------------------------------	-----------------------

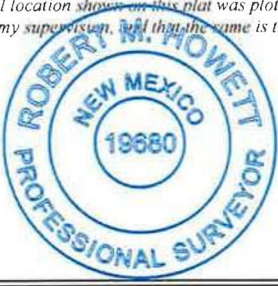
## First Take Point (FTP)

UL <b>D</b>	Section <b>33</b>	Township <b>21S</b>	Range <b>26E</b>	Lot	Ft. from N/S <b>660 FNL</b>	Ft. from E/W <b>100 FWL</b>	Latitude <b>32.4419138°N</b>	Longitude <b>104.3059384°W</b>	County <b>EDDY</b>
----------------	----------------------	------------------------	---------------------	-----	--------------------------------	--------------------------------	---------------------------------	-----------------------------------	-----------------------

## Last Take Point (LTP)

UL <b>C</b>	Section <b>34</b>	Township <b>21S</b>	Range <b>26E</b>	Lot	Ft. from N/S <b>660 FNL</b>	Ft. from E/W <b>2600 FWL</b>	Latitude <b>32.4419459°N</b>	Longitude <b>104.2805950°W</b>	County <b>EDDY</b>
----------------	----------------------	------------------------	---------------------	-----	--------------------------------	---------------------------------	---------------------------------	-----------------------------------	-----------------------

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<b>OPERATOR CERTIFICATIONS</b>  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  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.		<b>SURVEYOR CERTIFICATIONS</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my belief.	
Signature _____ Date _____		Signature and Seal of Professional Surveyor 	
Printed Name _____		Certificate Number  <b>19680</b>	Date of Survey  <b>06/03/2025</b>
Email Address _____			

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.

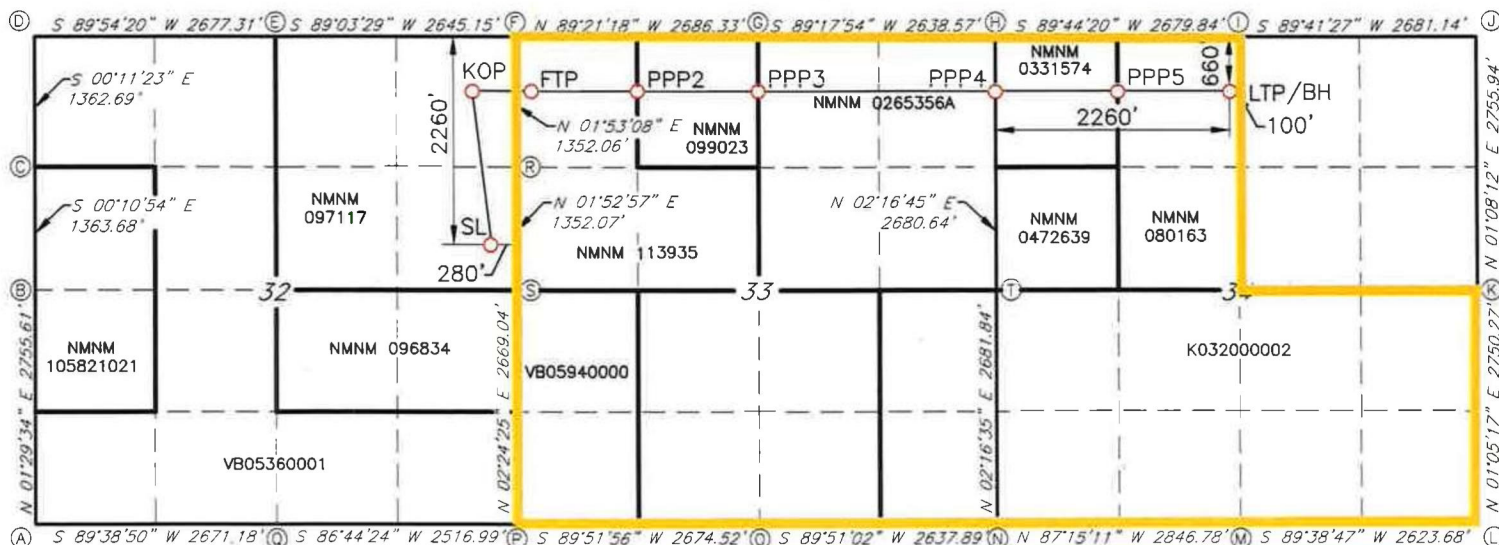
**Mewbourne Oil Company** JOB #: LS25010023D1  
**Case No. 25234**  
**Exhibit A-2**

## 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 a 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.

## BUFFALO NICKEL 33/34 FED COM #711H



GEODETIC DATA  
NAD 83 GRID - NM EAST

CORNER DATA  
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)  
2260' FNL & 280' FEL (SEC.32)  
N: 522898.1 - E: 549356.2

LAT: 32.4375098° N  
LON: 104.3073414° W

KICK OFF POINT (KOP)  
660' FNL & 473' FEL (SEC.32)  
N: 524493.7 - E: 549215.8

LAT: 32.4418959° N  
LONG: 104.3077951° W

FIRST TAKE POINT (FTP)  
660' FNL & 100' FWL (SEC.33)  
N: 524500.4 - E: 549788.6

LAT: 32.4419138° N  
LONG: 104.3059384° W

PROPOSED PENETRATION POINT 2 (PPP2)  
643' FNL & 1341' FWL (SEC.33)  
N: 524502.7 - E: 551029.5

LAT: 32.4419193° N  
LONG: 104.3019160° W

PROPOSED PENETRATION POINT 3 (PPP3)  
626' FNL & 2637' FEL (SEC.33)  
N: 524505.2 - E: 552370.9

LAT: 32.4419250° N  
LONG: 104.2975677° W

PROPOSED PENETRATION POINT 4 (PPP4)  
654' FNL & 0' FWL (SEC.34)  
N: 524510.1 - E: 555007.6

LAT: 32.4419358° N  
LONG: 104.2890206° W

PROPOSED PENETRATION POINT 5 (PPP5)  
657' FNL & 1350' FWL (SEC.34)  
N: 524512.7 - E: 556357.2

LAT: 32.4419411° N  
LONG: 104.2846457° W

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)  
660' FNL & 2600' FWL (SEC.34)  
N: 524515.0 - E: 557606.9

LAT: 32.4419459° N  
LON: 104.2805950° W

A: FOUND BRASS CAP "1943"  
N: 519633.4 - E: 544326.6

B: FOUND BRASS CAP "1943"  
N: 522387.4 - E: 544398.4

C: FOUND BRASS CAP "1976"  
N: 523750.7 - E: 544394.1

D: FOUND BRASS CAP "1943"  
N: 525113.1 - E: 544389.6

E: FOUND BRASS CAP "1976"  
N: 525117.5 - E: 547066.2

F: FOUND BRASS CAP "1976"  
N: 525161.0 - E: 549710.4

G: FOUND BRASS CAP "1976"  
N: 525130.7 - E: 552395.9

H: FOUND BRASS CAP "1976"  
N: 525163.0 - E: 555033.6

I: FOUND BRASS CAP "1976"  
N: 525175.3 - E: 557712.8

J: FOUND BRASS CAP "1976"  
N: 525189.7 - E: 560393.2

K: FOUND COTTON SPINDLE  
N: 522435.0 - E: 560338.6

L: FOUND REBAR  
N: 519685.9 - E: 560286.3

M: FOUND BRASS CAP "1943"  
N: 519669.7 - E: 557663.3

N: FOUND BRASS CAP "1943"  
N: 519806.1 - E: 554820.5

O: FOUND ALUM CAP PS & PE  
"5412"  
N: 519799.2 - E: 552183.3

P: FOUND BRASS CAP "1943"  
N: 519792.9 - E: 549509.4

Q: FOUND BRASS CAP "1943"  
N: 519649.8 - E: 546997.1

R: FOUND 1/2" REBAR  
N: 523810.0 - E: 549665.9

S: FOUND BRASS CAP "1976"  
N: 522459.0 - E: 549621.5

T: FOUND BRASS CAP "1976"  
N: 522485.2 - E: 554927.0

JOB #: LS25010023D1



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	<input type="checkbox"/> Initial Submittal
			<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled	

## WELL LOCATION INFORMATION

API Number 30-015-PENDING	Pool Code 71120	Pool Name Avalon, Wolfcamp
Property Code	Property Name <b>BUFFALO NICKEL 33/34 FED COM</b>	Well Number <b>713H</b>
OGRID No. 14744	Operator Name <b>MEWBOURNE OIL COMPANY</b>	Ground Level Elevation <b>3253'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

## Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>H</b>	<b>32</b>	<b>21S</b>	<b>26E</b>		<b>2280 FNL</b>	<b>280 FEL</b>	<b>32.4374550°N</b>	<b>104.3073436°W</b>	<b>EDDY</b>

## Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>F</b>	<b>34</b>	<b>21S</b>	<b>26E</b>		<b>1980 FNL</b>	<b>2641 FWL</b>	<b>32.4383186°N</b>	<b>104.2806355°W</b>	<b>EDDY</b>

Dedicated Acres 1,121.12	Infill or Defining Well Infill	Defining Well API 30-015-PENDING	Overlapping Spacing Unit (Y/N) N	Consolidation Code
Order Numbers			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

## Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>H</b>	<b>32</b>	<b>21S</b>	<b>26E</b>		<b>1980 FNL</b>	<b>473 FEL</b>	<b>32.4382704°N</b>	<b>104.3079367°W</b>	<b>EDDY</b>

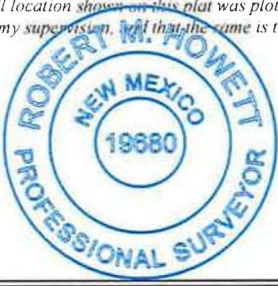
## First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>E</b>	<b>33</b>	<b>21S</b>	<b>26E</b>		<b>1980 FNL</b>	<b>100 FWL</b>	<b>32.4382883°N</b>	<b>104.3060801°W</b>	<b>EDDY</b>

## Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>F</b>	<b>34</b>	<b>21S</b>	<b>26E</b>		<b>1980 FNL</b>	<b>2641 FWL</b>	<b>32.4383186°N</b>	<b>104.2806355°W</b>	<b>EDDY</b>

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<b>OPERATOR CERTIFICATIONS</b>  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  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.		<b>SURVEYOR CERTIFICATIONS</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my belief.	
Signature _____ Date _____		Signature and Seal of Professional Surveyor 	
Printed Name _____		Certificate Number  <b>19680</b>	Date of Survey  <b>06/03/2025</b>
Email Address _____			

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.

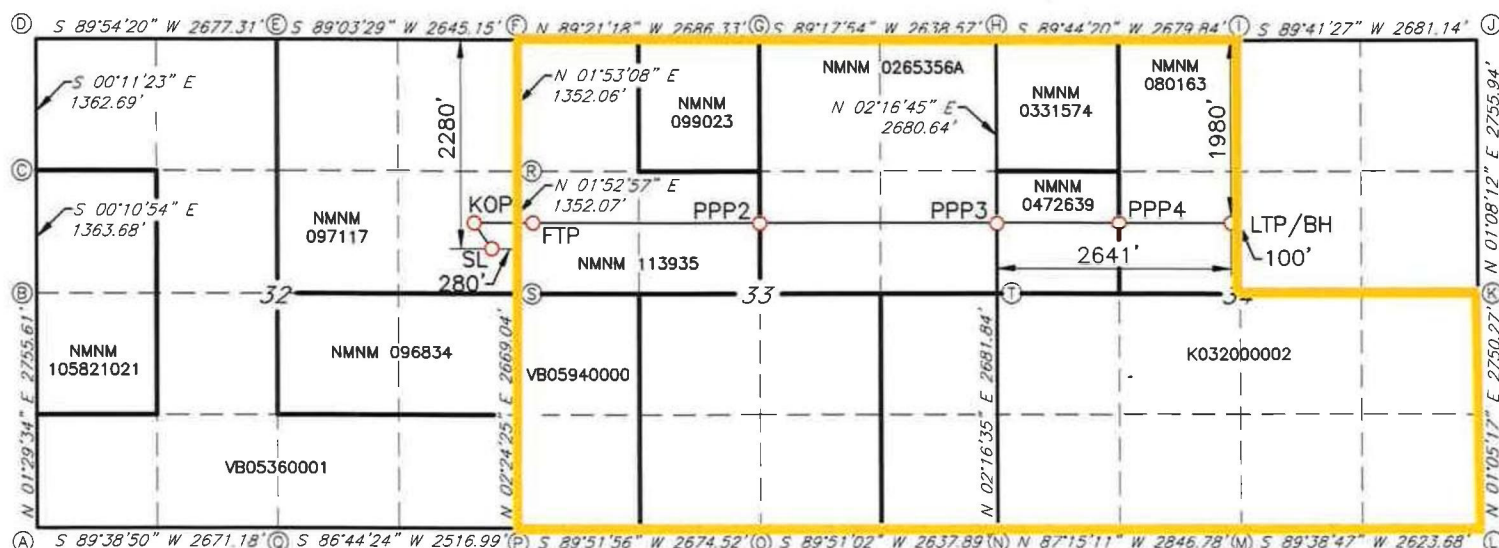
JOB #: LS2501002401

## 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 a 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.

BUFFALO NICKEL 33/34 FED COM #713H



GEODETIC DATA  
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)  
2280' FNL & 280' FEL (SEC.32)  
 N: 522878.2 - E: 549355.5

LAT: 32.4374550° N  
LONG: 104.3073436° W

KICK OFF POINT (KOP)  
1980' FNL & 473' FEL (SEC.32)  
N: 523174.8 - E: 549172.5

LAT: 32.4382704° N  
LONG: 104.3079367° W

FIRST TAKE POINT (FTP)  
1980' FNL & 100' FWL (SEC.33)  
N: 523181.4 - E: 549745.3

LAT: 32.4382883° N  
LONG: 104.3060801° W

PROPOSED PENETRATION POINT 2 (PPP2)  
1974' FNL & 2637' FEL (SEC.33)  
 N: 523186.0 - E: 552318.3

LAT: 32.4382988° N  
LONG: 104.2977396° W

PROPOSED PENETRATION POINT 3 (PPP3)  
1974' ENL. & 0' FWL (SEC 34)

N: 523190.7 - E: 554955.1

LAT: 32.4383089° N  
LONG: 104.2891926° W

PROPOSED PENETRATION POINT 4 (PPP4)  
1977' FNL & 1371' FWL (SEC.34)  
 N: 523193.1 - E: 556325.2

LAT: 32.4383140° N  
LONG: 104.2847515° W

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)  
1980' FNL & 2641' FWL (SEC.34)  
 N: 523195.4 - E: 557595.0

LAT: 32.4383186° N  
LONG: 104.2806355° W

CORNER DATA  
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1943"  
N: 519633.4 — E: 544326.6

N: 522387.4 - E: 544398.4

D: FOUND BRASS CAP "1943"

E: FOUND BRASS CAP "1976"

F: FOUND BRASS CAP "1976"  
N: 525161.0 - E: 549710.4

G: FOUND BRASS CAP "1976"  
N: 525130.7 - F: 552395.9

H: FOUND BRASS CAP "1976"  
N: 525163.0 - E: 555033.6

N: 525175.3 - E: 557712.8

J: FOUND BRASS CAP "1976"  
N: 525189.7 - E: 560393.2

K: FOUND COTTON SPINDLE  
N: 522435.0 - E: 560338.6

N: 519685.9 - E: 560286.3

N: FOUND BRASS CAP "1943"

O: FOUND ALUM CAP PS & P

P: FOUND BRASS CAP "1943"

Q: FOUND BRASS CAP "1943"

R: FOUND 1/2" REBAR  
N: 523810.0 - E: 549665.9

S: FOUND BRASS CAP "1976"  
N: 522459.0 - E: 549621.5

T: FOUND BRASS CAP "1976"  
N: 522485.2 - F: 554927.0

JOB #: LS25010024D1



C-102  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
			Submittal Type:	<input type="checkbox"/> Initial Submittal
				<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled		

## WELL LOCATION INFORMATION

API Number 30-015-PENDING	Pool Code 71120	Pool Name Avalon, Wolfcamp
Property Code	Property Name <b>BUFFALO NICKEL 33/34 STATE COM</b>	Well Number <b>716H</b>
OGRID No. 14744	Operator Name <b>MEWBOURNE OIL COMPANY</b>	Ground Level Elevation <b>3256'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

## Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	32	21S	26E		1880 FSL	280 FEL	32.4340926°N	104.3074957°W	EDDY

## Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	34	21S	26E		1980 FSL	100 FEL	32.4341064°N	104.2721168°W	EDDY

Dedicated Acres 1,121.12	Infill or Defining Well Infill	Defining Well API 30-015-PENDING	Overlapping Spacing Unit (Y/N) N	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

## Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	32	21S	26E		1980 FSL	473 FEL	32.4343370°N	104.3081065°W	EDDY


## First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	33	21S	26E		1980 FSL	100 FWL	32.4344112°N	104.3062521°W	EDDY

## Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	34	21S	26E		1980 FSL	100 FEL	32.4341064°N	104.2721168°W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<b>OPERATOR CERTIFICATIONS</b>  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  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.		<b>SURVEYOR CERTIFICATIONS</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my belief.	
Signature _____ Date _____		Signature and Seal of Professional Surveyor 	
Printed Name _____		Certificate Number  <b>19680</b>	Date of Survey  <b>06/04/2025</b>
Email Address _____			

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.

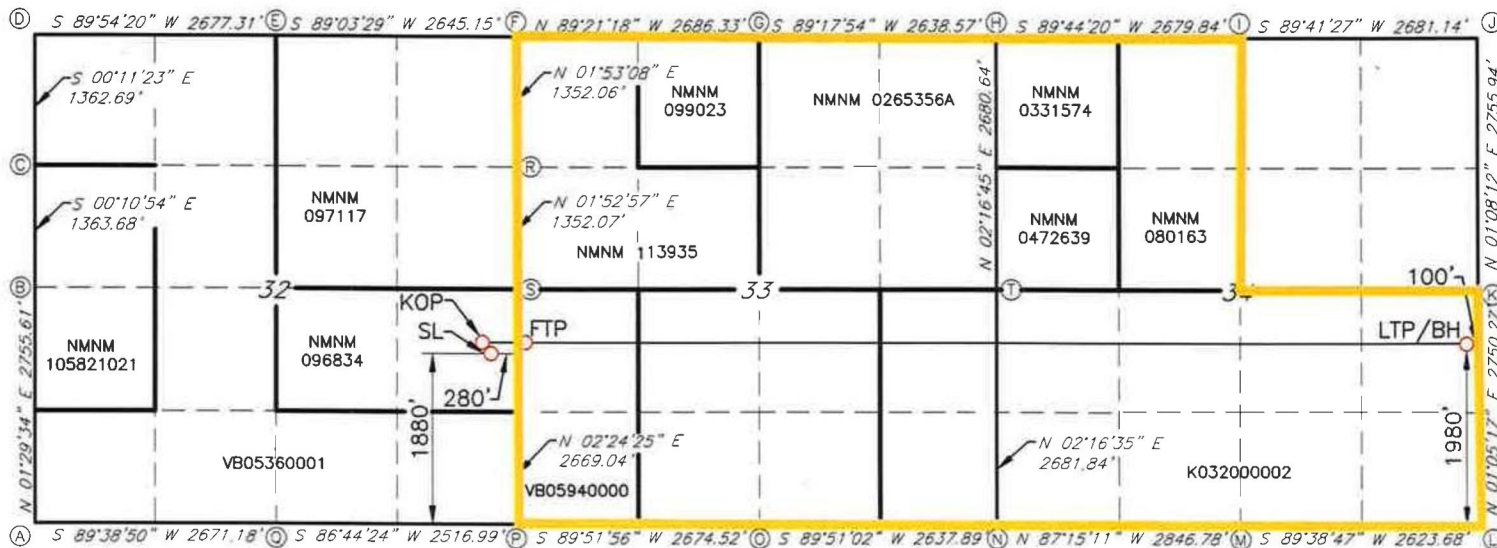
JOB #: LS25010027D1

## 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 a 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.

## BUFFALO NICKEL 33/34 STATE COM #716H



GEODETTIC DATA  
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)  
1880' FSL & 280' FEL (SEC.32)  
N: 521654.9 - E: 549308.9

LAT: 32.4340926° N  
LONG: 104.3074957° W

KICK OFF POINT (KOP)  
1980' FSL & 473' FEL (SEC.32)  
N: 521743.8 - E: 549120.4

LAT: 32.4343370° N  
LONG: 104.3081065° W

FIRST TAKE POINT (FTP)  
1980' FSL & 100' FWL (SEC.33)  
N: 521770.9 - E: 549692.5

LAT: 32.4344112° N  
LONG: 104.3062521° W

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)  
1980' FSL & 100' FEL (SEC.34)  
N: 521664.4 - E: 560224.0

LAT: 32.4341064° N  
LONG: 104.2721168° W

CORNER DATA  
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1943"  
N: 519633.4 - E: 544326.6

B: FOUND BRASS CAP "1943"  
N: 522387.4 - E: 544398.4

C: FOUND BRASS CAP "1976"  
N: 523750.7 - E: 544394.1

D: FOUND BRASS CAP "1943"  
N: 525113.1 - E: 544389.6

E: FOUND BRASS CAP "1976"  
N: 525117.5 - E: 547066.2

F: FOUND BRASS CAP "1976"  
N: 525161.0 - E: 549710.4

G: FOUND BRASS CAP "1976"  
N: 525130.7 - E: 552395.9

H: FOUND BRASS CAP "1976"  
N: 525163.0 - E: 555033.6

I: FOUND BRASS CAP "1976"  
N: 525175.3 - E: 557712.8

J: FOUND BRASS CAP "1976"  
N: 525189.7 - E: 560393.2

K: FOUND COTTON SPINDLE  
N: 522435.0 - E: 560338.6

L: FOUND REBAR  
N: 519685.9 - E: 560286.3

M: FOUND BRASS CAP "1943"  
N: 519669.7 - E: 557663.3

N: FOUND BRASS CAP "1943"  
N: 519806.1 - E: 554820.5

O: FOUND ALUM CAP PS & PE  
"5412"  
N: 519799.2 - E: 552183.3

P: FOUND BRASS CAP "1943"  
N: 519792.9 - E: 549509.4

Q: FOUND BRASS CAP "1943"  
N: 519649.8 - E: 546997.1

R: FOUND 1/2" REBAR  
N: 523810.0 - E: 549665.9

S: FOUND BRASS CAP "1976"  
N: 522459.0 - E: 549621.5

T: FOUND BRASS CAP "1976"  
N: 522485.2 - E: 554927.0

JOB #: LS25010027D1



C-102  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	<input type="checkbox"/> Initial Submittal
			<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled	

## WELL LOCATION INFORMATION

API Number 30-015-PENDING	Pool Code 71120	Pool Name Avalon, Wolfcamp
Property Code	Property Name <b>BUFFALO NICKEL 33/34 STATE COM</b>	Well Number <b>718H</b>
OGRID No. 14744	Operator Name <b>MEWBOURNE OIL COMPANY</b>	Ground Level Elevation <b>3256'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

## Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>I</b>	<b>32</b>	<b>21S</b>	<b>26E</b>		<b>1840 FSL</b>	<b>280 FEL</b>	<b>32.4339826°N</b>	<b>104.3075011°W</b>	<b>EDDY</b>

## Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>P</b>	<b>34</b>	<b>21S</b>	<b>26E</b>		<b>660 FSL</b>	<b>100 FEL</b>	<b>32.4304796°N</b>	<b>104.2722004°W</b>	<b>EDDY</b>

Dedicated Acres 1,121.12	Infill or Defining Well Defining	Defining Well API 30-015-PENDING	Overlapping Spacing Unit (Y/N) N	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

## Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>P</b>	<b>32</b>	<b>21S</b>	<b>26E</b>		<b>660 FSL</b>	<b>473 FEL</b>	<b>32.4307127°N</b>	<b>104.3082871°W</b>	<b>EDDY</b>


## First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>M</b>	<b>33</b>	<b>21S</b>	<b>26E</b>		<b>660 FSL</b>	<b>100 FWL</b>	<b>32.4307869°N</b>	<b>104.3064329°W</b>	<b>EDDY</b>

## Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>P</b>	<b>34</b>	<b>21S</b>	<b>26E</b>		<b>660 FSL</b>	<b>100 FEL</b>	<b>32.4304796°N</b>	<b>104.2722004°W</b>	<b>EDDY</b>

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

<b>OPERATOR CERTIFICATIONS</b>  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  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.		<b>SURVEYOR CERTIFICATIONS</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my belief.	
Signature _____ Date _____		Signature and Seal of Professional Surveyor 	
Printed Name _____		Certificate Number  <b>19680</b>	Date of Survey  <b>06/04/2025</b>
Email Address _____			

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.

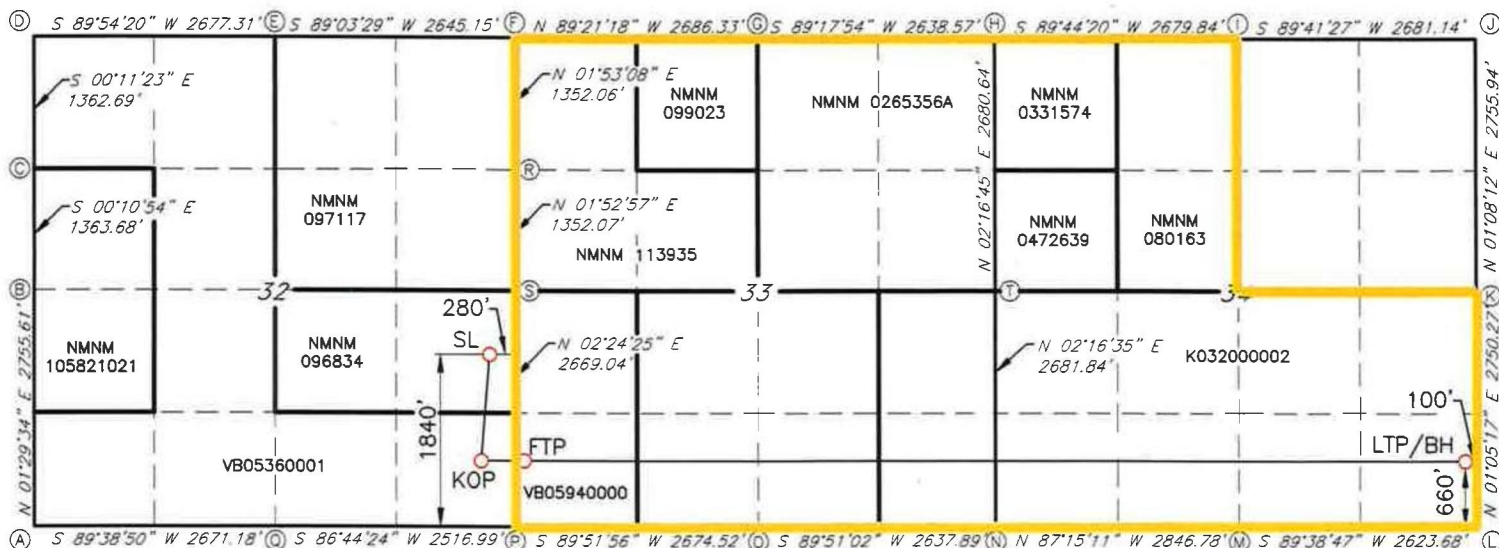
JOB #: LS25010028D1

## 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 a 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.

## BUFFALO NICKEL 33/34 STATE COM #718H



GEODETTIC DATA  
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)  
1840' FSL & 280' FEL (SEC. 32)  
N: 521614.9 - E: 549307.2

LAT: 32.4339826° N  
LONG: 104.3075011° W

KICK OFF POINT (KOP)  
660' FSL & 473' FEL (SEC. 32)  
N: 520425.3 - E: 549065.0

LAT: 32.4307127° N  
LONG: 104.3082871° W

FIRST TAKE POINT (FTP)  
660' FSL & 100' FEL (SEC. 33)  
N: 520452.4 - E: 549637.1

LAT: 32.4307869° N  
LONG: 104.3064329° W

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)  
660' FSL & 100' FEL (SEC. 34)  
N: 520345.0 - E: 560198.9

LAT: 32.4304796° N  
LONG: 104.2722004° W

CORNER DATA  
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1943"  
N: 519633.4 - E: 544326.6

B: FOUND BRASS CAP "1943"  
N: 522387.4 - E: 544398.4

C: FOUND BRASS CAP "1976"  
N: 523750.7 - E: 544394.1

D: FOUND BRASS CAP "1943"  
N: 525113.1 - E: 544389.6

E: FOUND BRASS CAP "1976"  
N: 525117.5 - E: 547066.2

F: FOUND BRASS CAP "1976"  
N: 525161.0 - E: 549710.4

G: FOUND BRASS CAP "1976"  
N: 525130.7 - E: 552395.9

H: FOUND BRASS CAP "1976"  
N: 525163.0 - E: 555033.6

I: FOUND BRASS CAP "1976"  
N: 525175.3 - E: 557712.8

J: FOUND BRASS CAP "1976"  
N: 525189.7 - E: 560393.2

K: FOUND COTTON SPINDLE  
N: 522435.0 - E: 560338.6

L: FOUND REBAR  
N: 519685.9 - E: 560286.3

M: FOUND BRASS CAP "1943"  
N: 519669.7 - E: 557663.3

N: FOUND BRASS CAP "1943"  
N: 519806.1 - E: 554820.5

O: FOUND ALUM CAP PS & PE  
"5412"  
N: 519799.2 - E: 552183.3

P: FOUND BRASS CAP "1943"  
N: 519792.9 - E: 549509.4

Q: FOUND BRASS CAP "1943"  
N: 519649.8 - E: 546997.1

R: FOUND 1/2" REBAR  
N: 523810.0 - E: 549665.9

S: FOUND BRASS CAP "1976"  
N: 522459.0 - E: 549621.5

T: FOUND BRASS CAP "1976"  
N: 522485.2 - E: 554927.0

JOB #: LS25010028D1



Section Plat Buffalo Nickel 33/34 Fed Com #711H Buffalo Nickel 33/34 Fed Com #713H Buffalo Nickel 33/34 Fed Com #716H Buffalo Nickel 33/34 Fed Com #718H Section 33 (ALL) and Section 34 (NW/4 and S/2), T21S, R26E Eddy County, New Mexico					
Section 33			Section 34		
Tract 1 NMNM-113935	Tract 2 NMNM-099023	Tract 3 NMNM-0265356-A	Tract 4 NMNM-0331574	Tract 6 NMNM-080163	
			Tract 5 NMNM-0472639		
Tract 8 VB-594	Tract 9 FEE	Tract 8 VB-594	Tract 7 K0-3200-2		

**Tract 1: W/2NW/4 and SE/4NW/4 of Section 33: NMNM-113935**

Mewbourne Oil Company  
COG Operating, LLC  
Concho Oil & Gas, LLC

**Tract 3: NE/4 of Section 33: NMNM-0265356-A**

Mewbourne Oil Company

**Tract 5: SW/4NW/4 of Section 34: NMNM-0472639**

Mewbourne Oil Company

**Tract 7: S/2 of Section 34: K0-3200-2**

Mewbourne Oil Company

**Tract 9: E/2SW/4 and W/2SE/4 of Section 33: FEE**

Mewbourne Oil Company  
Fiske Energy, Ltd  
Chief Capital (O&G) II LLC  
Covenant Natural Resources, LP  
COG Operating, LLC  
Concho Oil & Gas, LLC

**Tract 2: Lot 1 of Section 33: NMNM-099023**

Mewbourne Oil Company

**Tract 4: NW/4NW/4 of Section 34: NMNM-0331574**

Mewbourne Oil Company

**Tract 6: E/2NW/4 of Section 34: NMNM-080163**

Mewbourne Oil Company

New Tex Oil Company

**Tract 8: E/2SE/4 and W/2SW/4 of Section 33: VB-594**

Mewbourne Oil Company

Mewbourne Oil Company  
Case No. 25234  
Exhibit A-3

**RECAPITULATION FOR BUFFALO NICKEL 33/34 FED COM #711H, #713H, #716H and #718H**

Tract	Number of Acres Committeed	Percentage of Interst in Communitized Area
1	120	10.70358%
2	41.12	3.66776%
3	160	14.271443%
4	40	3.567861%
5	40	3.567861%
6	80	7.135721%
7	320	28.542886%
8	160	14.271443%
9	160	14.271443%
<b>TOTAL</b>	<b>1121.12</b>	<b>100.000000%</b>

**Section 33 (ALL) AND Section 34 (NW/4 and S/2)****Wolfcamp Formation:**

Owner	<u>% of Leasehold Interest</u>
Mewbourne Oil Company	86.806949%
COG Operating, LLC	11.750155%
Concho Oil & Gas, LLC	0.618429%
* Chief Capital (O&G) II LLC	0.621991%
* Covenant Natural Resources, LP	0.024831%
* Fiske Energy, Ltd.	0.048166%
* New Tex Oil Company	0.129479%
<b>TOTAL</b>	<b>100.000000%</b>

\* Total Interest Being Pooled: 0.824467%

**OWNERSHIP BY TRACT****Tract 1: W/2NW/4 and SE/4NW/4 of Section 33: NMNM-113935**

Owner	<u>% of Leasehold Interest</u>
Mewbourne Oil Company	15.000000%
COG Operating, LLC	80.750000%
Concho Oil & Gas, LLC	4.250000%
<b>TOTAL</b>	<b>100.000000%</b>

**Tract 2: Lot 1 of Section 33: NMNM-099023**

Owner	
Mewbourne Oil Company	100.000000%
<b>TOTAL</b>	<b>100.000000%</b>

**Tract 3: NE/4 of Section 33: NMNM-0265356-A**

<b>Owner</b>	
Mewbourne Oil Company	100.000000%
<b>TOTAL</b>	<b>100.000000%</b>

**Tract 4: NW/4NW/4 of Section 34: NMNM-0331574**

<b>Owner</b>	
Mewbourne Oil Company	100.000000%
<b>TOTAL</b>	<b>100.000000%</b>

**Tract 5: SW/4NW/4 of Section 34: NMNM-0472639**

<b>Owner</b>	
Mewbourne Oil Company	100.000000%
<b>TOTAL</b>	<b>100.000000%</b>

**Tract 6: E/2NW/4 of Section 34: NMNM-080163**

<b>Owner</b>	
Mewbourne Oil Company	98.185484%
New Tex Oil Company	1.814516%
<b>TOTAL</b>	<b>100.000000%</b>

**Tract 7: S/2 of Section 34: K0-3200-2**

<b>Owner</b>	
Mewbourne Oil Company	100.000000%
<b>TOTAL</b>	<b>100.000000%</b>

**Tract 8: E/2SE/4 and W/2SW/4 of Section 33: VB-594**

<b>Owner</b>	
Mewbourne Oil Company	100.000000%
<b>TOTAL</b>	<b>100.000000%</b>

**Tract 9: E/2SW/4 and W/2SE/4 of Section 33: FEE**

<b>Owner</b>	
Mewbourne Oil Company	72.213553%
Fiske Energy, Ltd	0.337500%
Chief Capital (O&G) II LLC	4.358289%
Covenant Natural Resources, LP	0.173992%
COG Operating, LLC	21.770833%
Concho Oil & Gas, LLC	1.145833%
<b>TOTAL</b>	<b>100.000000%</b>

**Buffalo Nickel 33/34 Fed Com #718H**



# MEWBOURNE OIL COMPANY

FASKEN CENTER  
500 WEST TEXAS, SUITE 1020  
MIDLAND, TX 79701

TELEPHONE (432) 682-3715

February 7, 2025

Via Certified Mail

Working Interest Owner

Re: Buffalo Nickel 33/34 Fed Com #525H  
1690' FSL & 100' FEL (Section 32)  
2030' FSL & 100' FEL (Section 34)

Buffalo Nickel 33/34 Fed Com #527H  
1650' FSL & 100' FEL (Section 32)  
710' FSL & 100' FEL (Section 34)

Buffalo Nickel 33/34 Fed Com #711H  
2260' FNL & 100' FEL (Section 32)  
660' FNL & 2540' FWL (Section 34)

Buffalo Nickel 33/34 Fed Com #713H  
2280' FNL & 100' FEL (Section 32)  
1980' FNL & 2540' FWL (Section 34)

Buffalo Nickel 33/34 Fed Com #716H  
1670' FSL & 100' FEL (Section 32)  
1980' FSL & 100' FEL (Section 34)

Buffalo Nickel 33/34 Fed Com #718H  
1630' FSL & 100' FEL (Section 32)  
660' FSL & 100' FEL (Section 34)

Sections 33 (All) & 34 (NW/4 and S/2), T21S, R26E  
Eddy County, New Mexico

Ladies and Gentlemen,

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 1121.12 acre Working Interest Unit ("WIU") covering All of the captioned Section 33 and the NW/4 and S/2 of the captioned Section 34 for oil and gas production.

Mewbourne as Operator hereby proposes to drill the captioned Buffalo Nickel 33/34 Fed Com #525H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 7,045 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 17,238 feet. All of the captioned Section 33 and the NW/4 and S/2 of the captioned Section 34 will be dedicated to the well as the proration unit.

**Mewbourne Oil Company**  
**Case No. 25234**  
**Exhibit A-4**

In addition, Mewbourne as Operator hereby proposes to drill the captioned Buffalo Nickel 33/34 Fed Com #527H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 7,045 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 17,251 feet. All of the captioned Section 33 and the NW/4 and S/2 of the captioned Section 34 will be dedicated to the well as the proration unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Buffalo Nickel 33/34 Fed Com #711H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,557 feet subsurface to evaluate the Wolfcamp Formation. The proposed well will have a measured depth (MD) of approximately 16,239 feet. All of the captioned Section 33 and the NW/4 and S/2 of the captioned Section 34 will be dedicated to the well as the proration unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Buffalo Nickel Fed Com #713H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,562 feet subsurface to evaluate the Wolfcamp Formation. The proposed well will have a measured depth (MD) of approximately 16,064 feet. All of the captioned Section 33 and the NW/4 and S/2 of the captioned Section 34 will be dedicated to the well as the proration unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Buffalo Nickel 33/34 Fed Com #716H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,653 feet subsurface to evaluate the Wolfcamp Formation. The proposed well will have a measured depth (MD) of approximately 18,867 feet. All of the captioned Section 33 and the NW/4 and S/2 of the captioned Section 34 will be dedicated to the well as the proration unit.


Finally, Mewbourne as Operator hereby proposes to drill the captioned Buffalo Nickel 33/34 Fed Com #718H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,661 feet subsurface to evaluate the Wolfcamp Formation. The proposed well will have a measured depth (MD) of approximately 18,895 feet. All of the captioned Section 33 and the NW/4 and S/2 of the captioned Section 34 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling are our AFEs dated January 16, 2025, for the captioned proposed wells. Additionally, you will find the enclosed Operating Agreement dated February 1, 2025. I have included an extra set of signature and notary pages for said Operating Agreement. Please sign and return said at your earliest convenience if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

If you have any questions regarding the above, please email me at [bblandford@mewbourne.com](mailto:bblandford@mewbourne.com) or call me at (432) 682-3715.

Sincerely,

**MEWBOURNE OIL COMPANY**

  
Braxton Blandford  
Landman



**MEWBOURNE OIL COMPANY**  
**AUTHORIZATION FOR EXPENDITURE**

Well Name: <div>BUFFALO NICKEL 33/34 FED COM #711H (W0DC)</div>		Prospect: <div>BUFFALO NICKEL</div>			
Location: <div>SL: 2260 FNL &amp; 100 FEL (32); BHL: 660 FNL &amp; 2540 FWL (34)</div>		County: <div>EDDY</div> ST: <div>NM</div>			
Sec. <div>32</div>	Blk: <div></div>	Survey: <div></div>	TWP: <div>21S</div> RNG: <div>26E</div> Prop. TVD: <div>8557</div> TMD: <div>16239</div>		
INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$50,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$150,000	0180-0206	\$80,000
Daywork / Turnkey / Footage Drilling	15 days drlg / 3 days comp @ \$27,000/d	0180-0110	\$432,500	0180-0210	\$86,500
Fuel	1700 gal/day @ \$3.90/gal	0180-0114	\$106,200	0180-0214	\$71,200
Alternate Fuels		0180-0115		0180-0215	\$120,000
Mud, Chemical & Additives		0180-0120	\$45,000	0180-0220	
Mud - Specialized		0180-0121	\$185,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$235,000
Stimulation Toe Preparation				0180-0223	\$29,000
Cementing		0180-0125	\$200,000	0180-0225	\$50,000
Logging & Wireline Services		0180-0130	\$29,000	0180-0230	\$276,300
Casing / Tubing / Snubbing Service		0180-0134	\$40,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$15,000		
Stimulation	45 Stg 18.7 MMgal & 18.7 MMlbs			0180-0241	\$1,990,000
Stimulation Rentals & Other				0180-0242	\$221,000
Water & Other		0180-0145	\$35,000	0180-0245	\$451,700
Bits		0180-0148	\$74,800	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$225,000		
Transportation		0180-0165	\$25,000	0180-0265	\$75,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$105,000	0180-0270	\$63,000
Directional Services	Includes vertical control	0180-0175	\$300,000		
Equipment Rental		0180-0180	\$112,100	0180-0280	\$105,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,200	0180-0285	
Intangible Supplies		0180-0188	\$25,000	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$72,000	0180-0295	\$32,400
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$117,100	0180-0299	\$202,200
TOTAL		\$2,459,900		\$4,245,300	
TANGIBLE COSTS 0181					
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	790' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft	0181-0794	\$36,200		
Casing (8.1" - 10.0")	2220' - 9 5/8" 40# HPP-110 BT&C @ \$36.53/ft	0181-0795	\$86,600		
Casing (6.1" - 8.0")	7735' - 7" 29# HPP110 BT&C @ \$30.89/ft	0181-0796	\$255,200		
Casing (4.1" - 6.0")	8250' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$17.99/ft			0181-0797	\$158,500
Tubing	7735' - 3 1/2" 9.2# L-80 IPC Tbg @ \$13.75/ft			0181-0798	\$113,600
Drilling Head		0181-0860	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools				0181-0871	\$75,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Service Pumps	(1/14) (2) TP / (2) CP / Circ. pump			0181-0886	\$7,500
Storage Tanks	(1/14) (10) OT / (7) WT / (2) GB			0181-0890	\$33,000
Emissions Control Equipment	(1/14) (6) VRT / (2) VRU / Flare / (3) KO / AIR			0181-0892	\$35,000
Separation / Treating Equipment	(1/14) Bulk H Sep / (5) H Sep / V Sep / (5) VHT / (2) HHT			0181-0895	\$65,000
Automation Metering Equipment				0181-0898	\$67,500
Oil/Gas Pipeline-Pipe/Valves&Misc				0181-0900	\$36,500
Water Pipeline-Pipe/Valves & Misc				0181-0901	
On-site Valves/Fittings/Lines&Misc				0181-0906	\$110,000
Wellhead Flowlines - Construction				0181-0907	\$170,000
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$155,000
Equipment Installation				0181-0910	

**MEWBOURNE OIL COMPANY**

**AUTHORIZATION FOR EXPENDITURE**

Well Name: <div>BUFFALO NICKEL 33/34 FED COM #713H (W0EF)</div>		Prospect: <div>BUFFALO NICKEL</div>			
Location: <div>SL: 2280 FNL &amp; 100 FEL (32); BHL: 1980 FNL &amp; 2540 FWL (34)</div>		County: <div>EDDY</div> ST: <div>NM</div>			
Sec. <div>32</div>	Blk: <div></div>	Survey: <div></div>	TWP: <div>21S</div> RNG: <div>26E</div> Prop. TVD: <div>8562</div> TMD: <div>16064</div>		
INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$50,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$150,000	0180-0206	\$80,000
Daywork / Turnkey / Footage Drilling 15 days drlg / 3 days comp @ \$27,000/d		0180-0110	\$432,500	0180-0210	\$86,500
Fuel 1700 gal/day @ \$3.90/gal		0180-0114	\$106,200	0180-0214	\$71,200
Alternate Fuels		0180-0115		0180-0215	\$120,000
Mud, Chemical & Additives		0180-0120	\$45,000	0180-0220	
Mud - Specialized		0180-0121	\$185,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$235,000
Stimulation Toe Preparation				0180-0223	\$29,000
Cementing		0180-0125	\$200,000	0180-0225	\$50,000
Logging & Wireline Services		0180-0130	\$29,000	0180-0230	\$276,300
Casing / Tubing / Snubbing Service		0180-0134	\$40,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$15,000		
Stimulation 45 Stg 18.7 MMgal & 18.7 MMlbs				0180-0241	\$1,990,000
Stimulation Rentals & Other				0180-0242	\$221,000
Water & Other		0180-0145	\$35,000	0180-0245	\$451,700
Bits		0180-0148	\$74,800	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$225,000		
Transportation		0180-0165	\$25,000	0180-0265	\$75,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$105,000	0180-0270	\$63,000
Directional Services Includes vertical control		0180-0175	\$300,000		
Equipment Rental		0180-0180	\$112,100	0180-0280	\$105,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,200	0180-0285	
Intangible Supplies		0180-0188	\$25,000	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$72,000	0180-0295	\$32,400
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)		0180-0199	\$117,100	0180-0299	\$202,200
TOTAL		\$2,459,900		\$4,245,300	
TANGIBLE COSTS 0181					
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0") 790' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft		0181-0794	\$36,200		
Casing (8.1" - 10.0") 2220' - 9 5/8" 40# HPP-110 BT&C @ \$36.53/ft		0181-0795	\$86,600		
Casing (6.1" - 8.0") 7755' - 7" 29# HPP110 BT&C @ \$30.89/ft		0181-0796	\$255,800		
Casing (4.1" - 6.0") 8250' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$17.99/ft				0181-0797	\$158,500
Tubing 7755' - 3 1/2" 9.2# L-80 IPC Tbg @ \$13.75/ft				0181-0798	\$113,900
Drilling Head		0181-0860	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools				0181-0871	\$75,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Service Pumps (1/14) (2) TP / (2) CP / Circ. pump				0181-0886	\$7,500
Storage Tanks (1/14) (10) OT / (7) WT / (2) GB				0181-0890	\$33,000
Emissions Control Equipment (1/14) (6) VRT / (2) VRU / Flare / (3) KO / AIR				0181-0892	\$35,000
Separation / Treating Equipment (1/14) Bulk H Sep / (5) H Sep / V Sep / (5) VHT / (2) HHT				0181-0895	\$65,000
Automation Metering Equipment				0181-0898	\$67,500
Oil/Gas Pipeline-Pipe/Valves&Misc				0181-0900	\$36,500
Water Pipeline-Pipe/Valves & Misc				0181-0901	
On-site Valves/Fittings/Lines&Misc				0181-0906	\$110,000
Wellhead Flowlines - Construction				0181-0907	\$170,000
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$155,000
Equipment Installation				0181-0910	\$70,00



MEWBOURNE OIL COMPANY  
AUTHORIZATION FOR EXPENDITURE

Well Name: 

BUFFALO NICKEL 33/34 STATE COM #716H (W0LI)

Prospect: 

BUFFALO NICKEL

Location: 

SL: 1670 FSL & 100 FEL (32); BHL: 1980 FSL & 100 FEL (34)

County: 

EDDY

ST: 

NM

Sec. 

32

Blk: Survey: TWP: 

21S

RNG: 

26E

Prop. TVD: 

8653

TMD: 

18867

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$50,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$150,000	0180-0206	\$80,000
Daywork / Turnkey / Footage Drilling17 days drlg / 3 days comp @ \$27,000/d		0180-0110	\$490,200	0180-0210	\$86,500
Fuel1700 gal/day @ \$3.90/gal		0180-0114	\$120,400	0180-0214	\$87,800
Alternate Fuels		0180-0115		0180-0215	\$152,000
Mud, Chemical & Additives		0180-0120	\$50,000	0180-0220	
Mud - Specialized		0180-0121	\$220,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$320,000
Stimulation Toe Preparation				0180-0223	\$29,000
Cementing		0180-0125	\$210,000	0180-0225	\$50,000
Logging & Wireline Services		0180-0130	\$29,000	0180-0230	\$374,600
Casing / Tubing / Snubbing Service		0180-0134	\$40,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$15,000		
Stimulation61 Stg 25.3 MMgal & 25.3 MMlbs				0180-0241	\$2,639,000
Stimulation Rentals & Other				0180-0242	\$260,000
Water & Other		0180-0145	\$40,000	0180-0245	\$611,200
Bits		0180-0148	\$74,800	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$225,000		
Transportation		0180-0165	\$25,000	0180-0265	\$75,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$119,000	0180-0270	\$77,000
Directional ServicesIncludes vertical control		0180-0175	\$425,000		
Equipment Rental		0180-0180	\$127,100	0180-0280	\$120,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,200	0180-0285	
Intangible Supplies		0180-0188	\$25,000	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$10,000
Company Supervision		0180-0195	\$81,600	0180-0295	\$39,600
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies5% (TCP) 5% (CC)		0180-0199	\$131,700	0180-0299	\$258,200
TOTAL			\$2,765,000		\$5,421,900

TANGIBLE COSTS 0181					
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")790' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft		0181-0794	\$36,200		
Casing (8.1" - 10.0")2220' - 9 5/8" 40# HPP-110 BT&C @ \$36.53/ft		0181-0795	\$86,600		
Casing (6.1" - 8.0")7775' - 7" 29# HPP110 BT&C @ \$30.89/ft		0181-0796	\$256,500		
Casing (4.1" - 6.0")10750' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$17.99/ft				0181-0797	\$206,500
Tubing7770' - 3 1/2" 9.2# L-80 IPC Tbg @ \$13.75/ft				0181-0798	\$114,100
Drilling Head		0181-0860	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools				0181-0871	\$75,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Service Pumps(1/14) (2) TP / (2) CP / Circ. pump				0181-0886	\$7,500
Storage Tanks(1/14) (10) OT / (7) WT / (2) GB				0181-0890	\$33,000
Emissions Control Equipment(1/14) (6) VRT / (2) VRU / Flare / (3) KO / AIR				0181-0892	\$35,000
Separation / Treating Equipment(1/14) Bulk H Sep / (5) H Sep / V Sep / (5) VHT / (2) HHT				0181-0895	\$65,000
Automation Metering Equipment				0181-0898	\$67,500
Oil/Gas Pipeline-Pipe/Valves&Misc				0181-0900	\$36,500
Water Pipeline-Pipe/Valves & Misc				0181-0901	
On-site Valves/Fittings/Lines&Misc				0181-0906	\$110,000
Wellhead Flowlines - Construction				0181-0907	\$170,000
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$155,000
Equipment Installation				0181-0910	\$70,000
Oil/Gas Pipeline - Construction				0181-0920	\$47,500
Water Pipeline - Construction				0181-0921	
TOTAL			\$429,300		\$1,247,600
SUBTOTAL			\$3,194,300		\$6,669,500

TOTAL WELL COST

\$9,863,800

Extra Expense Insurance

☐ I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.

Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

☐ I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: 

H. Buckley

Date: 

01/16/2025

Company Approval: Date:

Joint Owner Interest: Amount:

Joint Owner Name: Signature:

Released to Imaging: 7/11/2025 8:32:19 AM

Received by OCD: 7/10/2025 3:44:15 PM

Page 30 of 54

**Summary of Communications**  
**Buffalo Nickel 33/34 Fed Com #525H and #527H**  
**Buffalo Nickel 33/34 Fed Com #711H, #713H, #716H and #718H**  
**All of Section 33 and NW/4 and S/2 of Section 34,**  
**T21S, R26E**  
**Eddy County, New Mexico**

**Chief Capital (O&G) II LLC**

**2/7/2025:** Mailed a Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Proof of delivery is attached.

**2/17/2025:** Phone Correspondence with the above listed party regarding the Well Proposal and Working interest unit.

**2/28/2025:** Email Correspondence with the above listed party regarding the Well Proposal and Working interest unit.

**4/2/2025:** Email Correspondence with the above listed party regarding the Well Proposal and Working interest unit.

**5/5/2025:** Email and phone correspondence with the above listed party regarding the Well Proposal and Working interest unit.

**7/1/2025:** Email and phone correspondence with the above listed party regarding the Well Proposal and Working interest unit.

**Covenant Natural Resources, LP**

**2/7/2025:** Mailed a Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Proof of delivery is attached.

**2/28/2025:** Email and phone Correspondence with the above listed party regarding the Well Proposal and Working interest unit.

**Fiske Energy, Ltd.**

**2/7/2025:** Mailed a Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Proof of delivery is attached.

**2/14/2025:** Phone Correspondence with the above listed party regarding the Well Proposal and Working interest unit.

**3/11/2025:** Phone Correspondence with the above listed party regarding the Well Proposal and Working interest unit.

**New Tex Oil Company**

**2/7/2025:** Mailed a Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Proof of delivery is attached.

**2/25/2025:** Email Correspondence with the above listed party regarding the Well Proposal and Working interest unit.

**2/28/2025:** Email Correspondence with the above listed party regarding the Well Proposal and Working interest unit.

**Mewbourne Oil Company**  
**Case No. 25234**  
**Exhibit A-5**



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

**APPLICATION OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

**Case No. 25224**

**SELF-AFFIRMED STATEMENT  
OF CHARLES CROSBY**

1. I am employed by Mewbourne Oil Company ("Mewbourne") as a geologist. I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division"), and my credentials as an expert in petroleum geology matters were accepted and made a matter of record.

2. I am familiar with the geological matters that pertain to the above-referenced case.

3. **Exhibit B-1** is a general location map that depicts the Buffalo Nickel Fed Com spacing unit.

4. **Exhibit B-2** is a subsea structure map for the Wolfcamp formation that is representative of the targeted intervals. The contour intervals are 100' feet. The approximate wellbore paths for the Buffalo Nickel 33/34 Fed Com #711H, #713H, #716H and #718H wells ("Wells") are depicted by dashed lines. Existing producing wells in the targeted interval are represented by solid green lines. The map demonstrates the formation is gently dipping to the east in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

5. Exhibit B-2 also identifies four wells penetrating the targeted intervals that I used to prepare a structural cross-section from A to A'. I used these well logs because they penetrate the targeted intervals, are of good quality, and are representative of the geology in the area.

**Mewbourne Oil Company  
Case No. 25234  
Exhibit B**

6. **Exhibit B-3** is a stratigraphic cross-section that I prepared using the logs from the representative wells shown on Exhibit B-2. Each well log on the cross-section contains gamma ray, resistivity and porosity. The proposed landing zones for the wells are labeled on the exhibit. This cross-section demonstrates that the target interval is continuous across the Units.

7. In my opinion, a laydown orientation for the proposed Wells is appropriate to properly develop the subject acreage because of an established directional pattern and the known fracture orientation in this portion of the trend.

8. Based on my geologic study of the area, the targeted interval underlying the Units is suitable for development by horizontal wells and the tracts comprising the Units will contribute more or less equally to the production of the Wells.

9. In my opinion, the granting of Mewbourne's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

10. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.

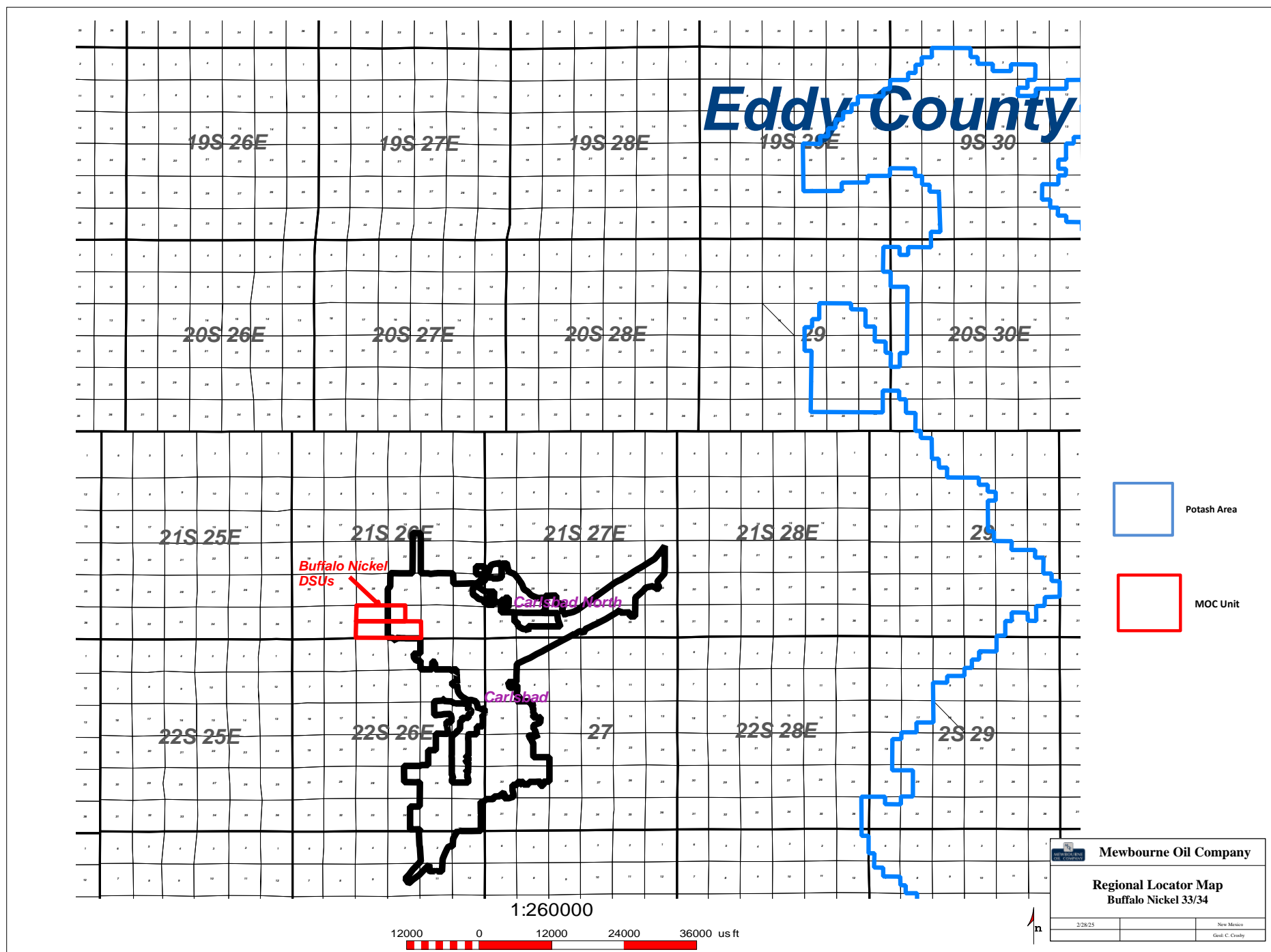
11. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.



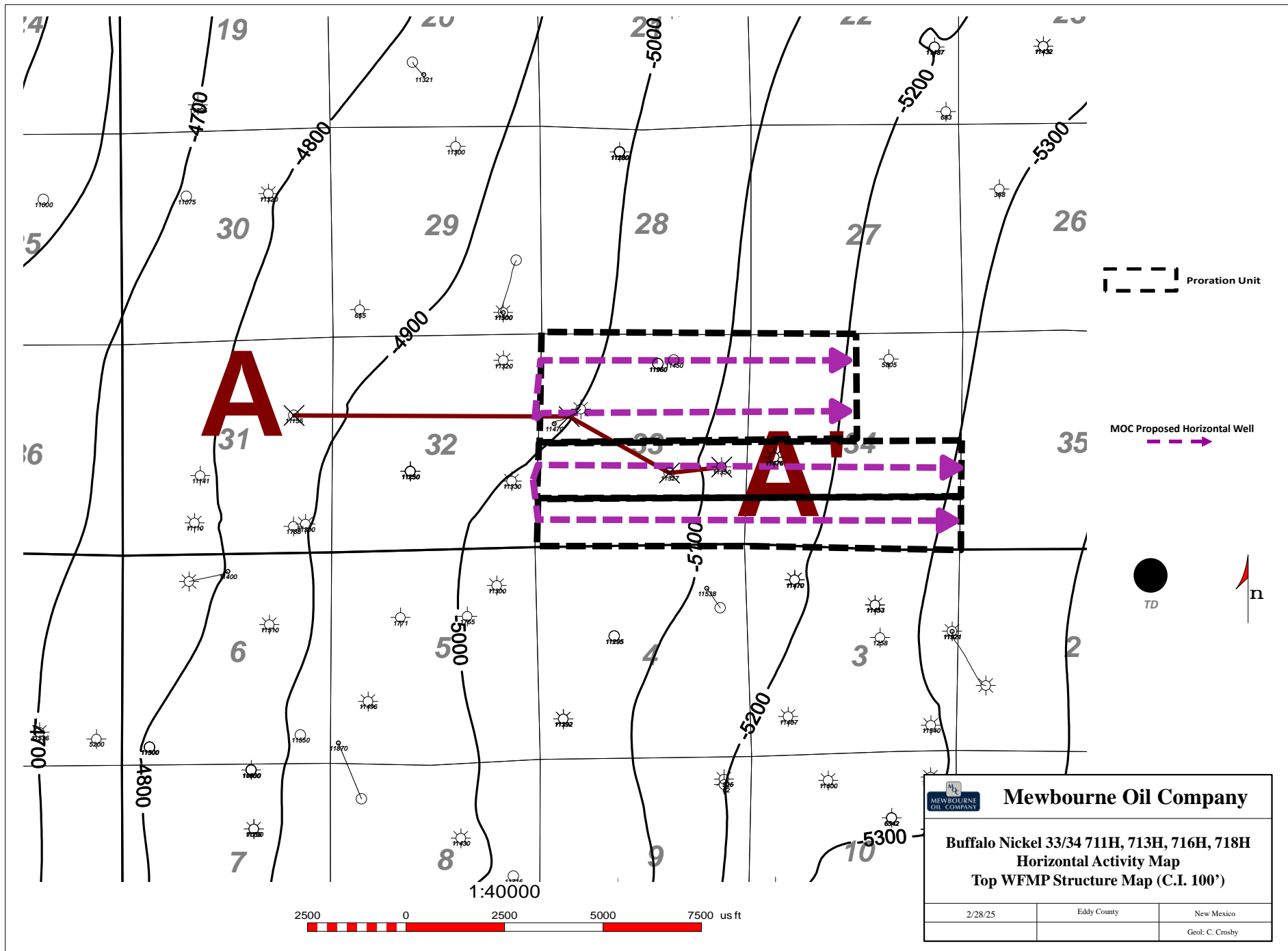
Charles Crosby



Date

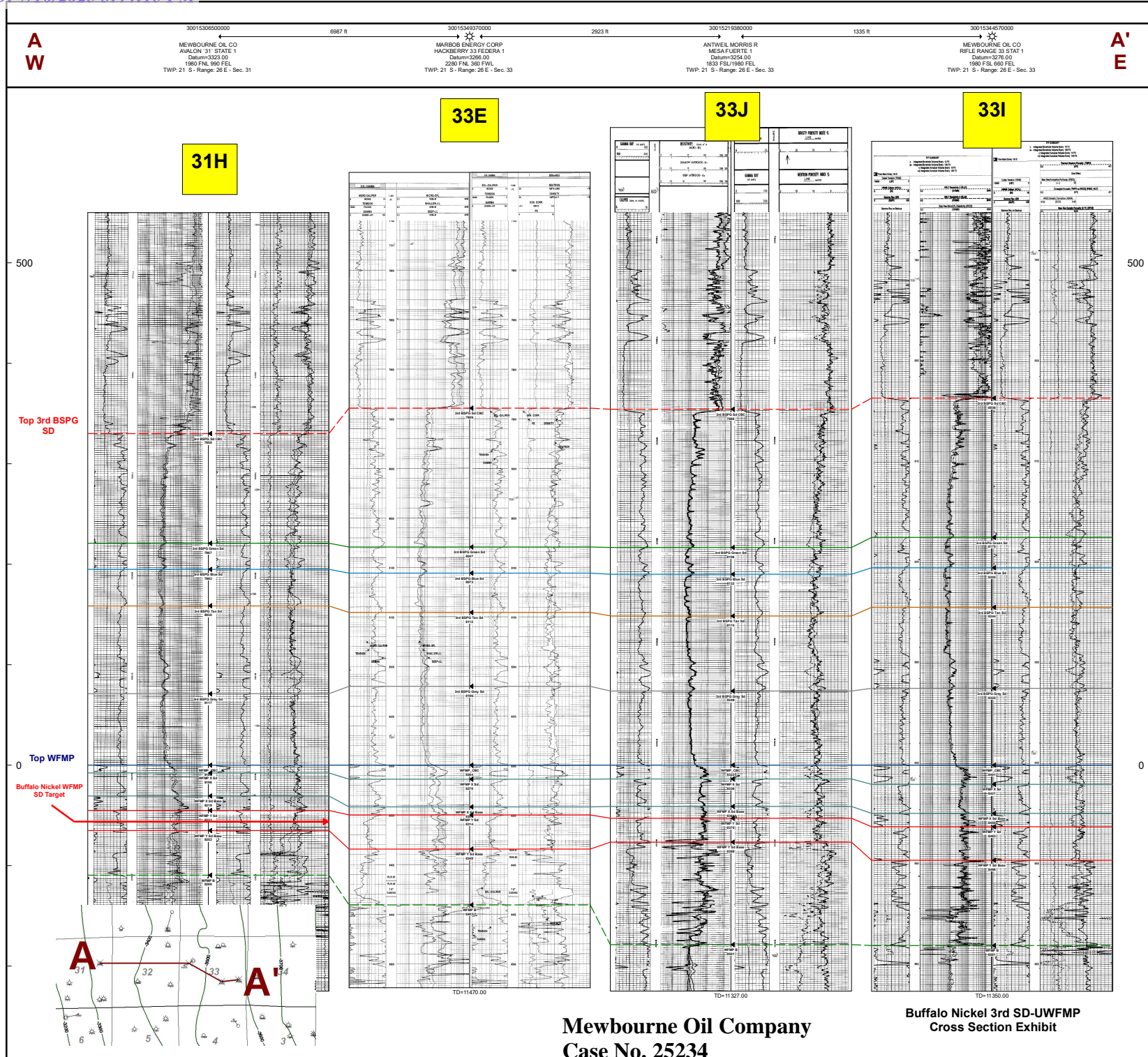


Mewbourne Oil Company  
Case No. 25234  
Exhibit B-1



**Mewbourne Oil Company**  
**Case No. 25234**  
**Exhibit B-2**







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

**APPLICATION OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO**

**CASE NO. 25234**

**SELF-AFFIRMED STATEMENT  
OF JACLYN M. MCLEAN**

1. I am attorney in fact and authorized representative of Mewbourne Oil Company, the Applicant herein.

2. I am familiar with the Notice Letter attached as **Exhibit C-1**, and caused the Notice Letter, along with the Application in this case, to be sent to the parties listed in the Postal Delivery Report attached as **Exhibit C-2**.

3. Exhibit C-2 also provides the date the Notice Letter was sent, along with the delivery status of each.

4. Electronic return receipts are attached as **Exhibit C-3** as supporting documentation for proof of mailing and the information provided on Exhibit C-2.

5. On February 27, 2025, I caused a notice to be published in the Carlsbad Current-Argus. An Affidavit of Publication from the legal clerk of the Carlsbad Current-Argus along with a copy of the Notice Publication, is attached as **Exhibit C-4**.

6. I understand this Self-Affirmed Statement will be used as written testimony in the subject case. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

/s/Jaclyn M. McLean  
Jaclyn M. McLean

July 2, 2025  
Date

**Mewbourne Oil Company  
Case No. 25234  
Exhibit C**



March 7, 2025

**VIA CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**TO: ALL PARTIES ENTITLED TO NOTICE**

**Re: Case Nos. 25234 & 25235 – Applications of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico.**

This letter is to advise you that the enclosed applications were filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **March 13, 2025**, beginning at 9:00 a.m. The hearing will be conducted in a hybrid fashion, both virtually and in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505. To participate virtually, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/oed/hearing-info/>. 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.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. Mountain Time, on the Thursday preceding the scheduled hearing date. The statement must be submitted through the OCD E-Permitting system (<https://wwwapps.emnrd.nm.gov/oed/oedpermitting/>) or via e-mail to [oed.hearings@emnrd.nm.gov](mailto:oed.hearings@emnrd.nm.gov) and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this application, please contact Braxton Blandford, Landman at Mewbourne Oil Company, via e-mail at [bblandford@mewbourne.com](mailto:bblandford@mewbourne.com) or by phone at (806) 341-4357.

Sincerely,  
/s/ Jaclyn M. McLean  
Jaclyn M. McLean

125 Lincoln Avenue, Suite 223  
Santa Fe, NM 87501  
505-230-4410

HardyMcClean.com

**Writer:**  
Jaclyn M. McLean  
Managing Partner  
[jmcclean@hardymcclean.com](mailto:jmcclean@hardymcclean.com)

**Mewbourne Oil Company**  
**Case No. 25234**  
**Exhibit C-1**

## Postal Delivery Report

### Mewbourne Buffalo Nickel Case Nos. 25234-25235

Recipient	Date Mailed	USPS Tracking Number	Date Received	Status
Nightengale Petroleum Properties, Inc.	2/20/2025	94148362085512785 60736	2/28/2025	Delivered, Left with Individual
Patricia Fiske	2/20/2025	94148362085512785 60743		In Transit to Next Facility, Arriving Late
Concho Oil & Gas, LLC	2/20/2025	94148362085512785 60781	2/27/2025	Delivered, Individual Picked Up at Postal Facility
American Standard Energy Corp.	2/20/2025	94148362085512785 60774	2/25/2025	Your item was returned to the sender on March 7, 2025 at 10:21 am in SANTA FE, NM 87501 because it could not be delivered as addressed.
Covenant Natural Resources, LP	2/20/2025	94148362085512785 60699	3/14/2025	Delivered, Left with Individual NORTH RICHLAND HILLS, TX 76182
G.P.C. Oil and Gas Corporation	2/20/2025	94148362085512785 60712	2/25/2025	Delivered, Individual Picked Up at Postal Facility MIDLAND, TX 79705
Cross Timber Energy, LLC	2/20/2025	94148362085512785 60750	2/26/2025	Delivered, Individual Picked Up at Postal Facility
Devon Energy Production Company, LP	2/20/2025	94148362085512785 60729	2/27/2025	Delivered, PO Box

**Mewbourne Oil Company**  
**Case No. 25234**  
**Exhibit C-2**

SRR Permian, LLC	2/20/2025	94148362085512785 60767		Redelivery Scheduled for Next Business Day
Chief Capital (O&G) II LLC	2/20/2025	94148362085512785 60705	2/25/2025	Delivered, Left with Individual
Fiske Energy, Ltd.	2/20/2025	94148362085512785 60804	2/26/2025	Delivered, Front Desk/Reception/ Mail Room
New Tex Oil Company	2/20/2025	94148362085512785 60828	2/26/2025	Delivered, Individual Picked Up at Post Office HOBBS, NM 88240
Ellipsis Oil & Gas, Inc.	2/20/2025	94148362085512785 60811	2/26/2025	Delivered, Front Desk/Reception/ Mail Room
Civitas DE Basin Resources II, LLC	2/20/2025	94148362085512785 60835	2/25/2025	Delivered, Front Desk/Reception/ Mail Room
XPLOR Resources, LLC	2/20/2025	94148362085512785 60798	2/24/2025	Delivered, Left with Individual



February 27, 2025

Dear Simple Certified:

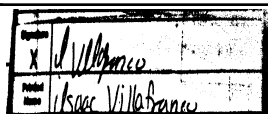
The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5607 81.**

#### Item Details

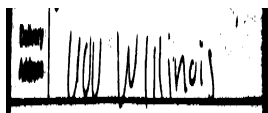
<b>Status:</b>	Delivered, Individual Picked Up at Postal Facility
<b>Status Date / Time:</b>	February 27, 2025, 7:54 am
<b>Location:</b>	MIDLAND, TX 79701
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™ Return Receipt Electronic
<b>Recipient Name:</b>	COG Operating LLC

#### Recipient Signature

Signature of Recipient:



Address of Recipient:



Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

COG Operating, LLC  
Concho Oil & Gas, LLC  
600 W. Illinois Ave.  
Midland, TX 79701  
Item ID: MOC-BuffaloNickel 25234-35

**Mewbourne Oil Company**  
**Case No. 25234**  
**Exhibit C-3**



February 25, 2025

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5607 74.**

#### Item Details

<b>Status:</b>	Delivered, Left with Individual
<b>Status Date / Time:</b>	February 25, 2025, 1:29 pm
<b>Location:</b>	SAN ANTONIO, TX 78209
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Recipient Signature

Signature of Recipient:

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

American Standard Energy Corp.  
4040 Broadway Street  
Suite 508  
San Antonio, TX 78209  
Item ID: MOC-BuffaloNickel 25234-35



February 25, 2025

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5607 05.**

**Item Details**

<b>Status:</b>	Delivered, Left with Individual
<b>Status Date / Time:</b>	February 25, 2025, 12:26 pm
<b>Location:</b>	DALLAS, TX 75225
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic
<b>Recipient Name:</b>	Attn Jace McKenzie

**Recipient Signature**

Signature of Recipient:

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

Attn: Jace McKenzie  
Chief Capital (O&G) II LLC  
8111 Westchester Drive  
Suite 900  
Dallas, TX 75225  
Item ID: MOC-BuffaloNickel 25234-35



February 25, 2025

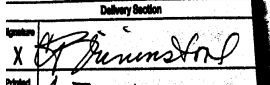
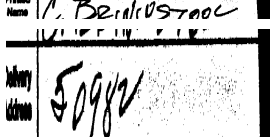
Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5607 12.**

#### Item Details

<b>Status:</b>	Delivered, Individual Picked Up at Postal Facility
<b>Status Date / Time:</b>	February 25, 2025, 3:19 pm
<b>Location:</b>	MIDLAND, TX 79705
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

G.P.C. Oil and Gas Corporation  
P.O. Box 50982  
Midland, TX 79710  
Item ID: MOC-BuffaloNickel 25234-35





February 26, 2025

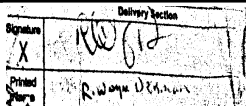
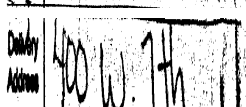
Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5607 50.**

#### Item Details

<b>Status:</b>	Delivered, Individual Picked Up at Postal Facility
<b>Status Date / Time:</b>	February 26, 2025, 9:10 am
<b>Location:</b>	FORT WORTH, TX 76102
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

Cross Timber Energy, LLC  
400 W. 7th Street  
Fort Worth, TX 76102  
Item ID: MOC-BuffaloNickel 25234-35



February 28, 2025

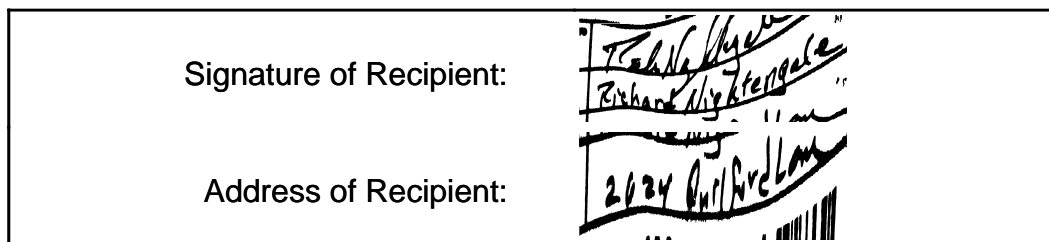
Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5607 36.**

#### Item Details

<b>Status:</b>	Delivered, Left with Individual
<b>Status Date / Time:</b>	February 28, 2025, 2:58 pm
<b>Location:</b>	OKLAHOMA CITY, OK 73120
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Recipient Signature



Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

Nightengale Petroleum Properties, Inc.  
2624 Guilford Lane  
Oklahoma City, OK 73120  
Item ID: MOC-BuffaloNickel 25234-35



March 14, 2025

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5606 99.**

#### Item Details

<b>Status:</b>	Delivered, Left with Individual
<b>Status Date / Time:</b>	March 14, 2025, 11:54 am
<b>Location:</b>	NORTH RICHLAND HILLS, TX 76182
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Recipient Signature

Signature of Recipient:

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

Covenant Natural Resources, LP  
9001 Airport Freeway  
Suite 825  
North Richland Hills, TX 76180  
Item ID: MOC-BuffaloNickel 25234-35



February 27, 2025

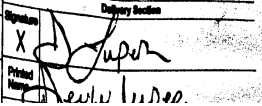
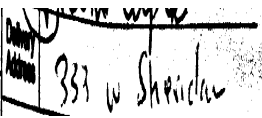
Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5607 29.**

#### Item Details

<b>Status:</b>	Delivered, PO Box
<b>Status Date / Time:</b>	February 27, 2025, 6:34 am
<b>Location:</b>	OKLAHOMA CITY, OK 73102
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

Devon Energy Production Company, LP  
333 West Sheridan Avenue  
Oklahoma City, OK 73102  
Item ID: MOC-BuffaloNickel 25234-35



February 26, 2025

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5608 04.**

#### Item Details

<b>Status:</b>	Delivered, Front Desk/Reception/Mail Room
<b>Status Date / Time:</b>	February 26, 2025, 1:19 pm
<b>Location:</b>	MIDLAND, TX 79705
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Recipient Signature

Signature of Recipient:

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

Fiske Energy, Ltd.  
1831 Dukes Drive  
Midland, TX 79705  
Item ID: MOC-BuffaloNickel 25234-35





February 24, 2025

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5607 98.**

#### Item Details

<b>Status:</b>	Delivered, Left with Individual
<b>Status Date / Time:</b>	February 24, 2025, 3:06 pm
<b>Location:</b>	CARLSBAD, NM 88220
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Recipient Signature

Signature of Recipient:

1003 N SHORE DR,  
CARLSBAD, NM 88220

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

XPLOR Resources, LLC  
1003 North Shore Drive  
Carlsbad, NM 88220  
Item ID: MOC-BuffaloNickel 25234-35



February 26, 2025

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5608 11.**

#### Item Details

<b>Status:</b>	Delivered, Front Desk/Reception/Mail Room
<b>Status Date / Time:</b>	February 26, 2025, 12:23 pm
<b>Location:</b>	DALLAS, TX 75219
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Recipient Signature

Signature of Recipient:

Address of Recipient:

3500 MAPLE AVE, DALLAS, TX  
75219

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

Ellipsis Oil & Gas, Inc.  
3500 Maple Avenue  
Suite 1080  
Dallas, TX 75219  
Item ID: MOC-BuffaloNickel 25234-35



February 25, 2025

Dear Simple Certified:

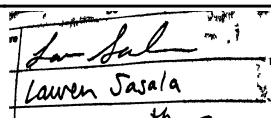
The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5608 35.**

#### Item Details

<b>Status:</b>	Delivered, Front Desk/Reception/Mail Room
<b>Status Date / Time:</b>	February 25, 2025, 12:53 pm
<b>Location:</b>	DENVER, CO 80202
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

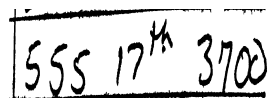
#### Recipient Signature

Signature of Recipient:



Lauren Sasala

Address of Recipient:



555 17<sup>th</sup> 3700

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

Civitas DE Basin Resources II, LLC  
555 17th Street  
Suite 3700  
Denver, CO 80202  
Item ID: MOC-BuffaloNickel 25234-35



February 26, 2025

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:  
**9414 8362 0855 1278 5608 28.**

#### Item Details

<b>Status:</b>	Delivered, Individual Picked Up at Post Office
<b>Status Date / Time:</b>	February 26, 2025, 2:42 pm
<b>Location:</b>	HOBBS, NM 88240
<b>Postal Product:</b>	First-Class Mail®
<b>Extra Services:</b>	Certified Mail™
	Return Receipt Electronic

#### Recipient Signature

Signature of Recipient:

*Kenas*

PO BOX 297

Address of Recipient:

HOBBS, NM 88241-0297

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,  
United States Postal Service®  
475 L'Enfant Plaza SW  
Washington, D.C. 20260-0004

New Tex Oil Company  
P.O. Box 297  
Hobbs, NM 88241  
Item ID: MOC-BuffaloNickel 25234-35



## AFFIDAVIT OF PUBLICATION

CARLSBAD CURRENT-ARGUS  
PO BOX 507  
HUTCHINSON, KS 67504-0507

STATE OF NEW MEXICO } SS  
COUNTY OF EDDY }

Account Number: 1491  
Ad Number: 36820  
Description: MOC - Buffalo Nickel - 25235  
Ad Cost: \$156.37

Sherry Groves, being first duly sworn, says:

That she is the Agent of the the Carlsbad Current-Argus, a Weekly newspaper of general circulation, printed and published in Carlsbad, Eddy County, New Mexico; that the publication, a copy of which is attached hereto, was published in said newspaper on the following dates:

February 27, 2025

That said newspaper was regularly issued and circulated on those dates.

SIGNED:

*Sherry Groves*

Agent

Subscribed to and sworn to me this 27<sup>th</sup> day of February 2025.

*Leanne Kaufenberg*  
Leanne Kaufenberg, Notary Public, Redwood County  
Minnesota

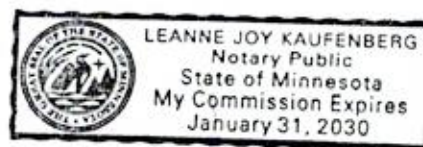
CARA DOUGLAS  
HARDY MCLEAN LLC  
125 LINCOLN AVE. SUITE 223  
SANTA FE, NM 87501  
cdouglas@hardymclean.com

## PUBLIC NOTICE

This is to notify all interested parties, including: COG Operating, LLC; American Standard Energy Corp.; Chief Capital (O&G) II LLC; G.P.C. Oil and Gas Corporation; Cross Timber Energy, LLC; SRR Permian, LLC; Patricia Fiske; Nightengale Petroleum Properties, Inc.; Covenant Natural Resources, LP; Devon Energy Production Company, LP; Fiske Energy, Ltd.; XPLORE Resources, LLC; Elliposis Oil & Gas, Inc.; Civitas DE Basin Resources II, LLC; New Tex Oil Company; and their successors and assigns; that the New Mexico Oil Conservation Division will conduct a hearing on the applications submitted by Mewbourne Oil Company ("Applicant") (Case Nos. 25234 and 25235). The hearing will be conducted on March 13, 2025, in a hybrid fashion, both virtually and in person at the Energy, Minerals, Natural Resources Department, 1st Floor, Santa Fe, NM 87505. To participate virtually, see the instructions posted on the OCD website: <https://www.emnrd.nm.gov/ocd/hearing-info/>. In Case No. 25234, Applicant applies for an order pooling all uncommitted interests in the Wolfcamp formation underlying a 1,121.12-acre, more or less, non-standard horizontal spacing unit comprised of all of Section 33 and the NW/4 and S/2 of Section 34, Township 21 South, Range 26 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the following wells ("Wells"): **Buffalo Nickel 33/34 Fed Com #711H**, which will be drilled from a surface hole location in the SE/4 NE/4 (Unit H) of Section 32 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 34; **Buffalo Nickel 33/34 Fed Com #713H**, which will be drilled from a surface hole location in the SE/4 NE/4 (Unit H) of Section 32 to a bottom hole location in the SE/4 NW/4 (Unit F) of Section 34; **Buffalo Nickel 33/34 Fed Com #716H**, which will be drilled from a surface hole location in the NE/4 SE/4 (Unit I) of Section 32 to a bottom hole location in the NE/4 SE/4 (Unit I) of Section 34; and **Buffalo Nickel 33/34 Fed Com #718H**, which will be drilled from a surface hole location in the NE/4 SE/4 (Unit I) of Section 32 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 34. The completed intervals of the Wells will be orthodox. Applicant is seeking approval of the non-standard spacing unit through the Division's administrative process. Also to be considered will be the cost of drilling and completing the Wells and the allocation of the costs, the designation of Applicant as the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located less than one mile from northwest Carlsbad, New Mexico.

In Case No. 25235, Applicant applies for an order pooling all uncommitted interests in the Bone Spring formation underlying a 1,121.12-acre, more or less, non-standard horizontal spacing unit comprised of all of Section 33 and the NW/4 and S/2 of Section 34, Township 21 South, Range 26 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the following wells ("Wells"): **Buffalo Nickel 33/34 Fed Com #525H**, which will be drilled from a surface hole location in the NE/4 SE/4 (Unit I) of Section 32 to a bottom hole location in the NE/4 SE/4 (Unit I) of Section 34; and **Buffalo Nickel 33/34 Fed Com #527H**, which will be drilled from a surface hole location in the NE/4 SE/4 (Unit I) of Section 32 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 34. The completed intervals of the Wells will be orthodox. Applicant is seeking approval of the non-standard spacing unit through the Division's administrative process. Also to be considered will be the cost of drilling and completing the Wells and the allocation of the costs, the designation of Applicant as the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately one mile northwest of Carlsbad, New Mexico.

Published in the Carlsbad Current-Argus February 27, 2025.  
#36820



Mewbourne Oil Company  
Case No. 25234  
Exhibit C-4