

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

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

CASE NO. 25289

NOTICE OF REVISED EXHIBITS

Mewbourne Oil Company applicant in the above-referenced case, gives notice that it is filing the attached revised hearing exhibit packet to include a revised Exhibit C-1 that include the surveyor's certifications for each C-102 and a revised Exhibit C-2 to reflect that Mewbourne is not seeking to force pool unleased state trust lands.

Respectfully submitted,

HOLLAND & HART LLP

By: 

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ATTORNEYS FOR MEWBOURNE OIL COMPANY

CERTIFICATE OF SERVICE

I hereby certify that on May 7, 2025, I served a copy of the foregoing document to the following counsel of record via Electronic Mail to:

Jennifer L. Bradfute
Matthia Sayer
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Attorneys for Coterra Energy Operating Co.



Adam G. Rankin

**BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING MAY 8, 2025**

CASE No. 25289

*WORLDS END 5/29 522H, 524H, 526H, 528H
WELLS*

LEA COUNTY, NEW MEXICO



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

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

CASE NO. 25289

TABLE OF CONTENTS

- **Mewbourne Exhibit A:** Compulsory Pooling Application Checklist
- **Mewbourne Exhibit B:** Application of Mewbourne Oil Company for Compulsory Pooling
- **Mewbourne Exhibit C:** Self-Affirmed Statement of Peyton Warren, Landman
 - *Revised* Mewbourne Exhibit C-1: C-102s
 - *Revised* Mewbourne Exhibit C-2: Land Tract Map & Ownership Breakdown
 - Mewbourne Exhibit C-3: Sample Well Proposal Letters with AFE
 - Mewbourne Exhibit C-4: Chronology of Contacts
- **Mewbourne Exhibit D:** Self-Affirmed Statement of Charles Crosby, Geologist
 - Mewbourne Exhibit D-1: Locator Map
 - Mewbourne Exhibit D-2: Subsea Structure Map
 - Mewbourne Exhibit D-3: Stratigraphic Cross-Section
- **Mewbourne Exhibit E:** Self-Affirmed Statement of Notice
- **Mewbourne Exhibit F:** Affidavit of Publication


COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 25289	APPLICANT'S RESPONSE
Date:	April 10, 2025
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company [OGRID 14744]
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	N/A
Well Family	Worlds End 5/29 State Com
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring formation
Pool Name and Pool Code:	WC-025 G-07 S193513B; Bone Spring [97926]
Well Location Setback Rules:	Statewide Rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	1,921-acres
Building Blocks:	40 acres
Orientation:	South-North
Description: TRS/County	Lots 1-4, the S/2 N/2 and S/2 (All equivalent) of irregular Section 5, Township 19 South, Range 36 East, and All of Sections 29 and 32, Township 18 South, Range 36 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	No; approval for NSP will be sought administratively.
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit C-2
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
Well #1	<u>Worlds End 5/29 State Com #522H</u> (API No. Pending) SHL: 205' FSL & 2,440' FEL (Unit O) of Section 5 BHL: 100' FNL & 700' FWL (Unit D) of Section 29 Completion Target: Bone Spring formation Well Orientation: Standup / South-North Completion Location expected to be: Standard
Well #2	<u>Worlds End 5/29 State Com #524H</u> (API No. Pending) SHL: 205' FSL & 2,290' FEL (Unit O) of Section 5 BHL: 100' FNL & 2,100' FWL (Unit C) of Section 29 Completion Target: Bone Spring formation Well Orientation: Standup / South-North Completion Location expected to be: Standard

BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. A
 Submitted by: Mewbourne Oil Company
 Hearing Date: May 8, 2025
 Case No. 25289

Well #3	Worlds End 5/29 State Com #526H (API No. Pending) SHL: 205' FSL & 2,140' FEL (Unit O) of Section 5 BHL: 100' FNL & 1,780' FEL (Unit B) of Section 29 Completion Target: Bone Spring formation Well Orientation: Standup / South-North Completion Location expected to be: Standard
Well #4	Worlds End 5/29 State Com #528H (API No. Pending) SHL: 205' FSL & 1,990' FEL (Unit O) of Section 5 BHL: 100' FNL & 380' FEL (Unit A) of Section 29 Completion Target: Bone Spring formation Well Orientation: Standup / South-North Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit C-1
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	Exhibit C-3
Production Supervision/Month \$	Exhibit C-3
Justification for Supervision Costs	Exhibit C-3
Requested Risk Charge	Exhibit C-3
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit C-2
Tract List (including lease numbers and owners)	Exhibit C-2
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 C-2
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	Exhibit C-2
Joinder	
Sample Copy of Proposal Letter	Exhibit C-3
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-2
Chronology of Contact with Non-Joined Working Interests	Exhibit C-4
Overhead Rates In Proposal Letter	Exhibit C-3
Cost Estimate to Drill and Complete	Exhibit C-3
Cost Estimate to Equip Well	Exhibit C-3
Cost Estimate for Production Facilities	Exhibit C-3
Geology	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit D-2
Well Orientation (with rationale)	Exhibit D
Target Formation	Exhibit D, D-3
HSU Cross Section	Exhibit D-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	

C-102	Exhibit C-1
Tracts	Exhibit C-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-2
General Location Map (including basin)	Exhibit D
Well Bore Location Map	Exhibit D-1
Structure Contour Map - Subsea Depth	Exhibit D-2
Cross Section Location Map (including wells)	Exhibit D-2
Cross Section (including Landing Zone)	Exhibit D-3
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	
Signed Name (Attorney or Party Representative):	
Date:	3-Apr-25

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

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

CASE NO. 25289

APPLICATION

Mewbourne Oil Company ("Mewbourne" or "Applicant") (OGRID No. 14744), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling a non-standard 1,9217.96 acre, more or less, horizontal well spacing unit in the Bone Spring formation underlying Lots 1-4, the S/2 N/2 and S/2 (All equivalent) of irregular Section 5, Township 19 South, Range 36 East, and All of Sections 29 and 32, Township 18 South, Range 36 East, NMPM, Lea County, New Mexico. In support of its application, Mewbourne states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to initially dedicate the above-referenced spacing unit to the proposed **Worlds End 5/29 State Com #522H** well, with a surface location in the SW/4 SE/4 (Unit O) of irregular Section 5, T19S-R36E, and a bottom hole location in the NW/4 NW/4 (Unit D) of Section 29, T18S-R36E; **Worlds End 5/29 State Com #524H** well, with a surface location in the SW/4 SE/4 (Unit O) of irregular Section 5, T19S-R36E, and a bottom hole location in the NE/4 NW/4 (Unit C) of Section 29, T18S-R36E; **Worlds End 5/29 State Com #526H** well, with a surface location in the SW/4 SE/4 (Unit O) of irregular Section 5, T19S-R36E, and a bottom hole location in the NW/4 NE/4 (Unit B) of Section 29, T18S-R36E; and **Worlds End 5/29 State**

**BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. B
Submitted by: Mewbourne Oil Company
Hearing Date: May 8, 2025
Case No. 25370**

Com #528H well, with a surface location in the SW/4 SE/4 (Unit O) of irregular Section 5, T19S-R36E, and a bottom hole location in the NE/4 NE/4 (Unit A) of Section 29, T18S-R36E.

3. Applicant will file separately for administrative approval of the non-standard horizontal spacing unit.

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

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on April 10, 2025, and, after notice and hearing as required by law, the Division enter an order:

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

Respectfully submitted,

HOLLAND & HART LLP

By: 

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ATTORNEYS FOR MEWBOURNE OIL COMPANY

CASE: _____

Application of Mewbourne Oil Company for Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order an order pooling a non-standard 1,9217.96-acre, more or less, horizontal well spacing unit in the Bone Spring formation underlying Lots 1-4, the S/2 N/2 and S/2 (All equivalent) of irregular Section 5, Township 19 South, Range 36 East, and All of Sections 29 and 32, Township 18 South, Range 36 East, NMPM, Lea County, New Mexico. This spacing unit will be initially dedicated to the proposed **Worlds End 5/29 State Com #522H** well, with a surface location in the SW/4 SE/4 (Unit O) of Section 5, T19S-R36E, and a bottom hole location in the NW/4 NW/4 (Unit D) of Section 29, T18S-R36E; **Worlds End 5/29 State Com #524H** well, with a surface location in the SW/4 SE/4 (Unit O) of Section 5, T19S-R36E, and a bottom hole location in the NE/4 NW/4 (Unit C) of Section 29, T18S-R36E; **Worlds End 5/29 State Com #526H** well, with a surface location in the SW/4 SE/4 (Unit O) of Section 5, T19S-R36E, and a bottom hole location in the NW/4 NE/4 (Unit B) of Section 29, T18S-R36E; and **Worlds End 5/29 State Com #528H** well, with a surface location in the SW/4 SE/4 (Unit O) of Section 5, T19S-R36E, and a bottom hole location in the NE/4 NE/4 (Unit A) of Section 29, T18S-R36E. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof, the operating costs and charges for supervision, the designation of applicant as operator of the proposed spacing unit, and a 200% charge for risk involved in drilling said wells. The subject area is located approximately 14 miles west of Hobbs, New Mexico.

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
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**APPLICATION OF MEWBOURNE OIL
COMPANY FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.**

CASE NO. 25289

SELF-AFFIRMED STATEMENT OF PEYTON WARREN

1. My name is Peyton Warren. I work for Mewbourne Oil Company (“Mewbourne”) as a Landman.

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

3. I am familiar with the application filed by Mewbourne in this case, and I am familiar with the status of the lands in the subject area.

4. None of the uncommitted parties in this case have indicated opposition to proceeding by self-affirmed statement and, therefore, I do not expect any opposition at the hearing.

5. Under **Case No. 25289**, Mewbourne seeks an order pooling all uncommitted interests in a non-standard 1,921.96-acre, more or less, horizontal well spacing unit in the Bone Spring formation underlying Lots 1-4, the S/2 N/2 and S/2 (All equivalent) of irregular Section 5, Township 19 South, Range 36 East, and All of Sections 29 and 32, Township 18 South, Range 36 East, NMPM, Lea County, New Mexico. Mewbourne seeks to initially dedicate the unit to the proposed **Worlds End 5/29 State Com #522H** well, with a surface location in the SW/4 SE/4 (Unit O) of irregular Section 5, T19S-R36E, and a bottom hole location in the NW/4 NW/4 (Unit D) of Section 29, T18S-R36E; **Worlds End 5/29 State Com #524H** well, with a surface location

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C
Submitted by: Mewbourne Oil Company
Hearing Date: May 8, 2025
Case No. 25370

in the SW/4 SE/4 (Unit O) of irregular Section 5, T19S-R36E, and a bottom hole location in the NE/4 NW/4 (Unit C) of Section 29, T18S-R36E; **Worlds End 5/29 State Com #526H** well, with a surface location in the SW/4 SE/4 (Unit O) of irregular Section 5, T19S-R36E, and a bottom hole location in the NW/4 NE/4 (Unit B) of Section 29, T18S-R36E; and **Worlds End 5/29 State Com #528H** well, with a surface location in the SW/4 SE/4 (Unit O) of irregular Section 5, T19SR36E, and a bottom hole location in the NE/4 NE/4 (Unit A) of Section 29, T18S-R36E.

6. Mewbourne will file separately for administrative approval of the non-standard horizontal spacing unit.

7. **Mewbourne Exhibit C-1** contains a draft Form C-102 for the wells. This form demonstrates that the completed interval for the wells will comply with statewide setbacks for oil wells. The exhibit shows that the wells will be assigned to the WC-025 G-07 S193513B; Bone Spring, Oil [97926].

8. **Mewbourne Exhibit C-2** identifies the tracts of land comprising the horizontal spacing unit, the ownership interests in each tract, and ownership interests on a spacing unit basis. The subject acreage is comprised of state lands. The parties Mewbourne seeks to pool are highlighted in yellow.

9. **Mewbourne Exhibit C-3** contains a sample of the well proposal letter and AFEs, as well as lease offer, sent to owners with a working interest. The costs reflected in the AFEs are consistent with what Mewbourne and other operators have incurred for drilling similar horizontal wells in the area in this formation.

10. Mewbourne requests that the overhead and administrative costs for drilling and producing the proposed wells be set at \$12,000 per month while drilling and \$1,200 per month

while producing. These costs are consistent with what other operators are charging in this area for similar wells.

11. **Mewbourne Exhibit C-4** contains a general summary of the contacts with the uncommitted interest owners. As indicated in the exhibit, Mewbourne has made a good faith effort to locate and has had communications with all of the parties that it seeks to pool in this case in an effort to reach voluntary joinder. In my opinion, Mewbourne has undertaken good faith efforts to reach an agreement with the uncommitted interest owners.

12. Mewbourne has provided the law firm of Holland & Hart LLP with the names and addresses of the parties that Mewbourne seeks to pool and instructed that they be notified of this hearing. Mewbourne has conducted a diligent search of all public records in the county where the property is located, reviewed telephone directories, and conducted computer searches to locate contact information for each interest owner.

13. **Mewbourne Exhibits C-1 through C-4** were either prepared by me or compiled under my direction and supervision.

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

Peyton Warren

Peyton Warren

4/2/2025

Date

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised Exhibit No. C-1	Revised July 9, 2024
		Submitted by: Mewbourne Oil Company	Hearing Date: May 8, 2025
		Case No. 25289	
		Submittal Type:	<input type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name WORLDS END 5/29 STATE COM	Well Number 522H
OGRID No.	Operator Name MEWBOURNE OIL COMPANY	Ground Level Elevation 3806'
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
0	5	19S	36E		205 FSL	2440 FEL	32.6829771°N	103.3759332°W	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	29	18S	36E		100 FNL	700 FWL	32.7254571°N	103.3830934°W	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/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
D	8	19S	36E		473 FNL	700 FWL	32.6811187°N	103.3829593°W	LEA

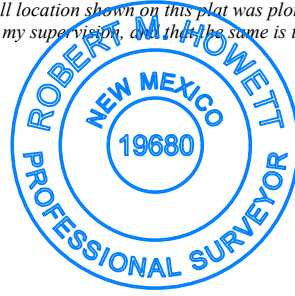
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	5	19S	36E		100 FSL	700 FWL	32.6826933°N	103.3829624°W	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	29	18S	36E		100 FNL	700 FWL	32.7254571°N	103.3830934°W	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS <i>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.</i> <i>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.</i>		SURVEYOR CERTIFICATIONS <i>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.</i> 	
Signature	Date	Signature and Seal of Professional Surveyor	
Printed Name		Certificate Number	Date of Survey
Email Address		19680	03/05/2025

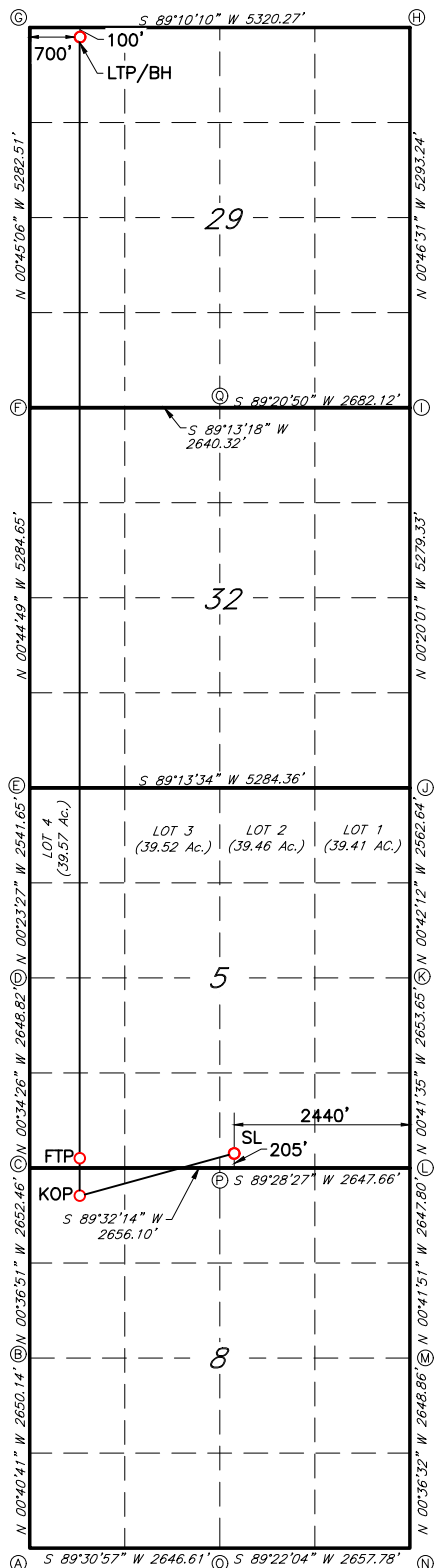
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is 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.

WORLDS END 5/29 STATE COM #522H



GEODETIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)
205' FSL & 2440' FWL (SEC.5)
N: 613527.3 - E: 835904.9

FIRST TAKE POINT (FTP)
100' FSL & 700' FWL (SEC.5)
N: 613404.6 - E: 833743.0

LAT: 32.6829771° N
LONG: 103.3759332° W

LAT: 32.6826933° N
LONG: 103.3829624° W

KICK OFF POINT (KOP)
473' FNL & 700' FWL (SEC.8)
N: 612831.7 - E: 833749.1

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)
100' FNL & 700' FWL (SEC.29)
N: 628962.9 - E: 833563.3

LAT: 32.6811187° N
LONG: 103.3829593° W

LAT: 32.7254571° N
LONG: 103.3830934° W

CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1936"
N: 607997.6 - E: 833104.0

B: FOUND BRASS CAP "1936"
N: 610647.1 - E: 833072.6

C: FOUND BRASS CAP "1936"
N: 613298.9 - E: 833044.2

D: FOUND BRASS CAP "1936"
N: 615947.2 - E: 833017.6

E: CALCULATED CORNER
N: 618488.3 - E: 833000.3

F: FOUND NAIL & WASHER "PS22896"
N: 623771.6 - E: 832931.4

G: FOUND 1/2" REBAR
N: 629052.8 - E: 832862.2

H: FOUND 1/2" REBAR
N: 629129.9 - E: 838181.0

I: FOUND NAIL & WASHER "PS22896"
N: 623838.0 - E: 838252.6

J: CALCULATED CORNER
N: 618559.7 - E: 838283.3

K: FOUND BRASS CAP "1936"
N: 615997.7 - E: 838314.7

L: FOUND BRASS CAP "1936"
N: 613344.7 - E: 838346.8

M: FOUND BRASS CAP "1936"
N: 610697.5 - E: 838379.1

N: FOUND BRASS CAP "1936"
N: 608049.3 - E: 838407.2

O: FOUND BRASS CAP "1936"
N: 608019.9 - E: 835750.0

P: FOUND BRASS CAP "1936"
N: 613320.4 - E: 835699.7

Q: FOUND NAIL & WASHER "PS22896"
N: 623807.5 - E: 835571.1

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	Pool Code	Pool Name
Property Code	Property Name WORLDS END 5/29 STATE COM	Well Number 524H
OGRID No.	Operator Name MEWBOURNE OIL COMPANY	Ground Level Elevation 3806'
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 0	Section 5	Township 19S	Range 36E	Lot	Ft. from N/S 205 FSL	Ft. from E/W 2290 FEL	Latitude 32.6829772°N	Longitude 103.3754459°W	County LEA
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Bottom Hole Location

UL C	Section 29	Township 18S	Range 36E	Lot	Ft. from N/S 100 FNL	Ft. from E/W 2100 FWL	Latitude 32.7254783°N	Longitude 103.3785422°W	County LEA
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/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
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First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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Last Take Point (LTP)

UL C	Section 29	Township 18S	Range 36E	Lot	Ft. from N/S 100 FNL	Ft. from E/W 2100 FWL	Latitude 32.7254783°N	Longitude 103.3785422°W	County LEA
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS <i>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.</i> <i>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.</i>		SURVEYOR CERTIFICATIONS <i>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.</i>	
Signature	Date	Signature and Seal of Professional Surveyor	
Printed Name		Certificate Number 19680	Date of Survey 03/05/2025
Email Address			



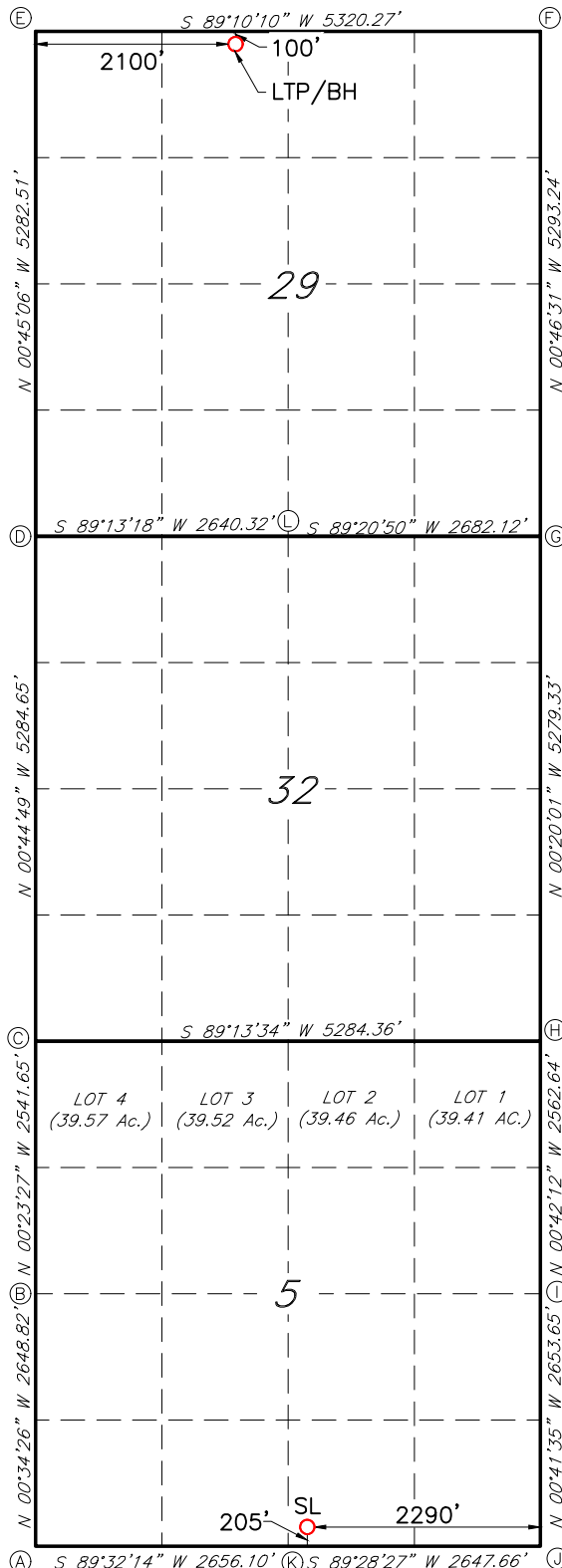
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

WORLDS END 5/29 STATE COM #524H



GEODETTIC DATA

NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)

205' FSL & 2290' FEL (SEC.29)

N: 613528.6 - E: 836054.8

LAT: 32.6829772° N

LONG: 103.3754459° W

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)

100' FNL & 2100' FWL (SEC.29)

N: 628983.2 - E: 834962.9

LAT: 32.7254783° N

LONG: 103.3785422° W

CORNER DATA

NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1936"

N: 613298.9 - E: 833044.2

B: FOUND BRASS CAP "1936"

N: 615947.2 - E: 833017.6

C: CALCULATED CORNER

N: 618488.3 - E: 833000.3

D: FOUND NAIL & WASHER "PS22896"

N: 623771.6 - E: 832931.4

E: FOUND 1/2" REBAR

N: 629052.8 - E: 832862.2

F: FOUND 1/2" REBAR

N: 629129.9 - E: 838181.0

G: FOUND NAIL & WASHER "PS22896"

N: 623838.0 - E: 838252.6

H: CALCULATED CORNER

N: 618559.7 - E: 838283.3

I: FOUND BRASS CAP "1936"

N: 615997.7 - E: 838314.7

J: FOUND BRASS CAP "1936"

N: 613344.7 - E: 838346.8

K: FOUND BRASS CAP "1936"

N: 613320.4 - E: 835699.7

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	Pool Code	Pool Name	
Property Code	Property Name	Well Number	
	WORLDS END 5/29 STATE COM	526H	
OGRID No.	Operator Name	Ground Level Elevation	
	MEWBOURNE OIL COMPANY	3804'	
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
0	5	19S	36E		205 FSL	2140 FEL	32.6829772°N	103.3749584°W	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	29	18S	36E		100 FNL	1780 FEL	32.7254999°N	103.3738600°W	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/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

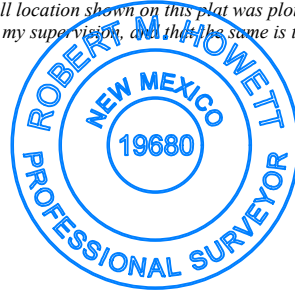
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	29	18S	36E		100 FNL	1780 FEL	32.7254999°N	103.3738600°W	LEA

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

OPERATOR CERTIFICATIONS <i>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.</i> <i>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.</i>		SURVEYOR CERTIFICATIONS <i>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.</i>	
Signature	Date	Signature and Seal of Professional Surveyor	
			
Printed Name		Certificate Number	Date of Survey
		19680	03/05/2025
Email Address			

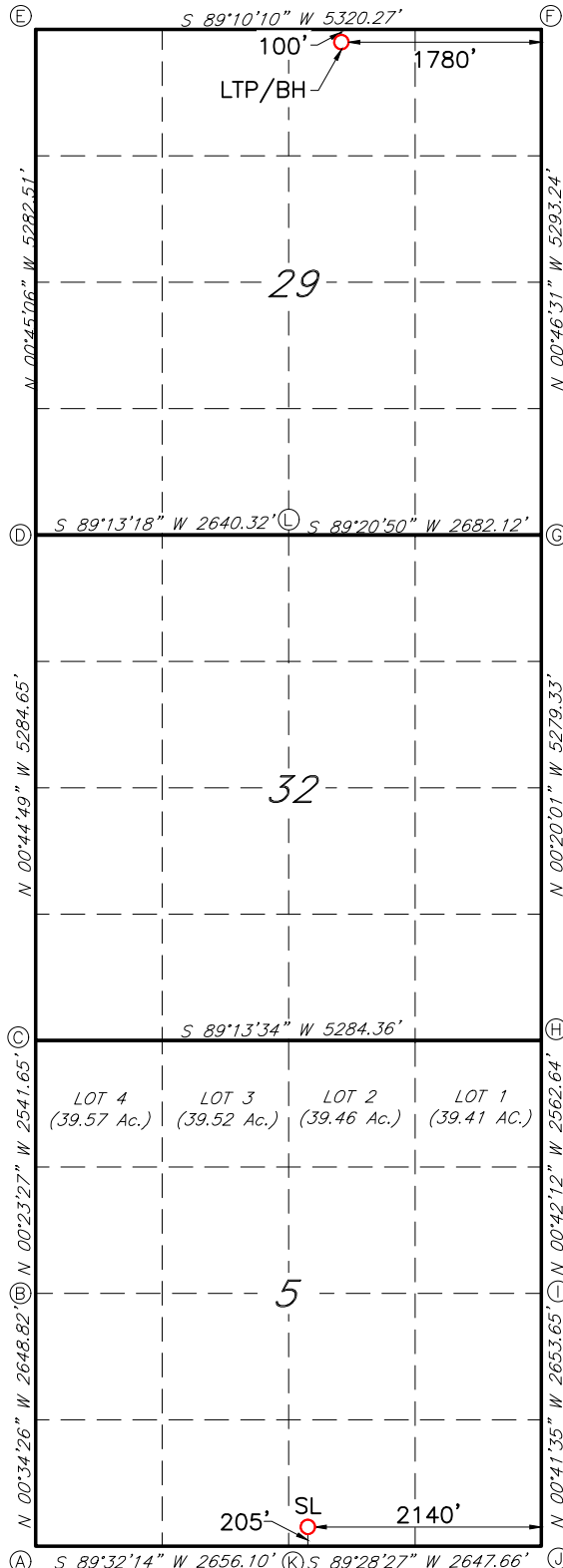
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ACREAGE DEDICATION PLATS

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WORLDS END 5/29 STATE COM #526H



GEODETTIC DATA

NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)

205' FSL & 2140' FEL (SEC.5)

N: 613530.0 - E: 836204.8

LAT: 32.6829772° N

LONG: 103.3749584° W

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)

100' FNL & 1780' FEL (SEC.29)

N: 629004.1 - E: 836402.8

LAT: 32.7254999° N

LONG: 103.3738600° W

CORNER DATA

NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1936"

N: 613298.9 - E: 833044.2

B: FOUND BRASS CAP "1936"

N: 615947.2 - E: 833017.6

C: CALCULATED CORNER

N: 618488.3 - E: 833000.3

D: FOUND NAIL & WASHER "PS22896"

N: 623771.6 - E: 832931.4

E: FOUND 1/2" REBAR

N: 629052.8 - E: 832862.2

F: FOUND FOUND 1/2" REBAR

N: 629129.9 - E: 838181.0

G: FOUND NAIL & WASHER "PS22896"

N: 623838.0 - E: 838252.6

H: CALCULATED CORNER

N: 618559.7 - E: 838283.3

I: FOUND BRASS CAP "1936"

N: 615997.7 - E: 838314.7

J: FOUND BRASS CAP "1936"

N: 613344.7 - E: 838346.8

K: FOUND BRASS CAP "1936"

N: 613320.4 - E: 835699.7

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	Pool Code	Pool Name
Property Code	Property Name WORLDS END 5/29 STATE COM	Well Number 528H
OGRID No.	Operator Name MEWBOURNE OIL COMPANY	Ground Level Elevation 3800'
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 0	Section 5	Township 19S	Range 36E	Lot	Ft. from N/S 205 FSL	Ft. from E/W 1990 FEL	Latitude 32.6829772°N	Longitude 103.3744710°W	County LEA
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Bottom Hole Location

UL A	Section 29	Township 18S	Range 36E	Lot	Ft. from N/S 100 FNL	Ft. from E/W 380 FEL	Latitude 32.7255208°N	Longitude 103.3693087°W	County LEA
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/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
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First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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Last Take Point (LTP)

UL A	Section 29	Township 18S	Range 36E	Lot	Ft. from N/S 100 FNL	Ft. from E/W 380 FEL	Latitude 32.7255208°N	Longitude 103.3693087°W	County LEA
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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Signature	Date	Signature and Seal of Professional Surveyor	
Printed Name		Certificate Number 19680	Date of Survey 03/05/2025
Email Address			



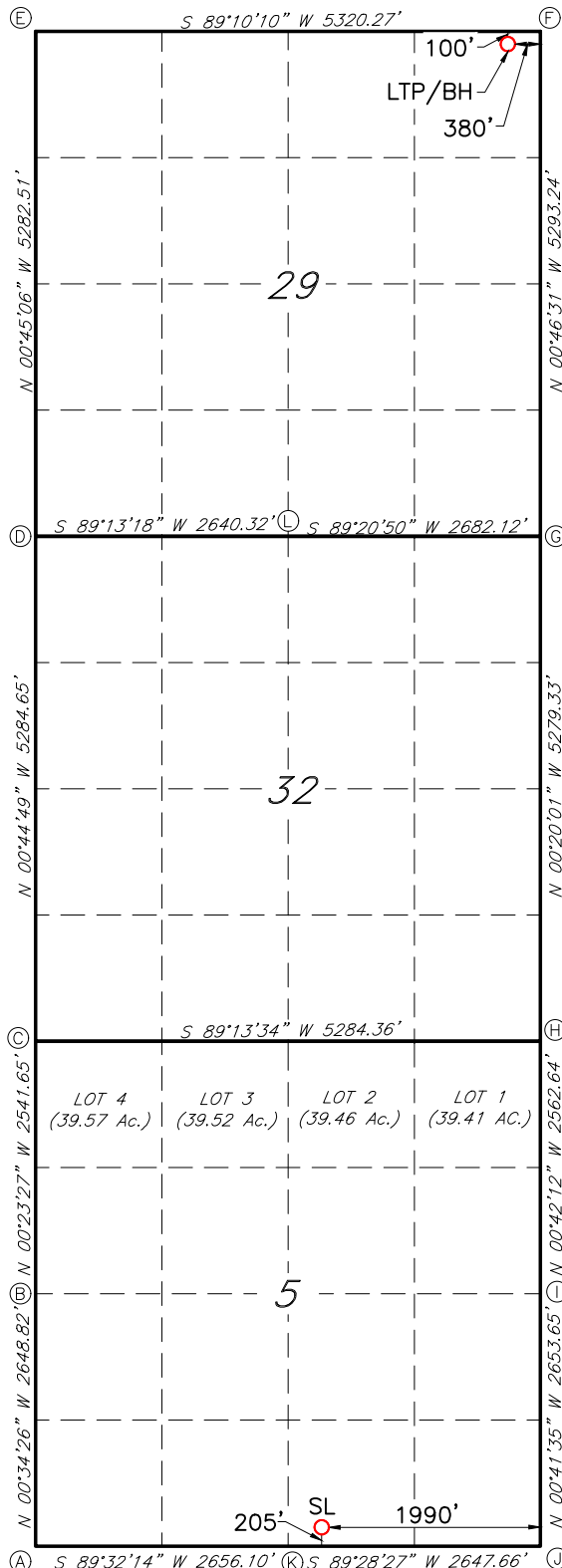
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WORLDS END 5/29 STATE COM #528H



GEODETTIC DATA

NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)

205' FSL & 1990' FEL (SEC.29)

N: 613531.4 - E: 836354.8

LAT: 32.6829772° N

LONG: 103.3744710° W

LAST TAKE POINT/BOTTOM HOLE (LTP/BH)

100' FNL & 380' FEL (SEC.29)

N: 629024.4 - E: 837802.4

LAT: 32.7255208° N

LONG: 103.3693087° W

CORNER DATA

NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1936"

N: 613298.9 - E: 833044.2

B: FOUND BRASS CAP "1936"

N: 615947.2 - E: 833017.6

C: CALCULATED CORNER

N: 618488.3 - E: 833000.3

D: FOUND NAIL & WASHER "PS22896"

N: 623771.6 - E: 832931.4

E: FOUND 1/2" REBAR

N: 629052.8 - E: 832862.2

F: FOUND FOUND 1/2" REBAR

N: 629129.9 - E: 838181.0

G: FOUND NAIL & WASHER "PS22896"

N: 623838.0 - E: 838252.6

H: CALCULATED CORNER

N: 618559.7 - E: 838283.3

I: FOUND BRASS CAP "1936"

N: 615997.7 - E: 838314.7

J: FOUND BRASS CAP "1936"

N: 613344.7 - E: 838346.8

K: FOUND BRASS CAP "1936"

N: 613320.4 - E: 835699.7

Section Plat

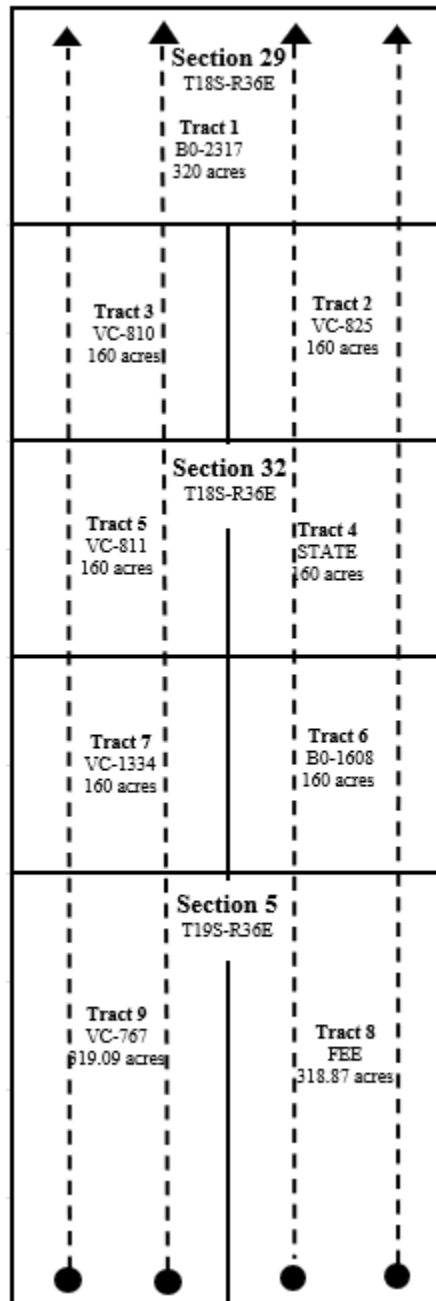
Worlds End 5/29 State Com #522H

Worlds End 5/29 State Com #524H

Worlds End 5/29 State Com #526H

Worlds End 5/29 State Com #528H

Plat covering Lots 1-4, S/2N/2, and S/2 of Section 5, Township 19 South, Range 36 East, and all of Section 32 and all of Section 29, Township 18 South, Range 36 East, Lea County, New Mexico.



BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Revised Exhibit No. C-2

Submitted by: **Mewbourne Oil Company**

Hearing Date: May 8, 2025

Case No. 25289

Tract 1: N/2 of Section 29 – State Lease B0-2317

Mewbourne Oil Company, 1B4S Enterprises, LLC

Tract 2: SE/4 of Section 29 – State Lease VC-0825

Mewbourne Oil Company, et al.

Tract 3: SW/4 of Section 29 – State Lease VC-0810

Mewbourne Oil Company, et al.

Tract 4: NE/4 of Section 32 – Open State Lease # pending

N/A

Tract 5: NW/4 of Section 32 – State Lease VC-0811

Mewbourne Oil Company, et al.

Tract 6: SE/4 of Section 32 – State Lease B0-1608

ConocoPhillips Company

Tract 7: SW/4 of Section 32 – State Lease VC-1334

Mewbourne Oil Company, et al.

Tract 8: Lots 1-2, S/2NE/4, SE/4 of Section 5 – Fee Ownership

Mewbourne Oil Company, et al, Avant Operating, LLC, Legion Production Partners, LLC, Double Cabin Minerals, LLC, Coterra Energy Operating Co.

Tract 9: Lots 3-4, S/2NW/4, SW/4 of Section 5 – State Lease VC-0767

Mewbourne Oil Company, et al.

RECAPITULATION FOR
Worlds End 5/29 State Com #522H
Worlds End 5/29 State Com #524H
Worlds End 5/29 State Com #526H
Worlds End 5/29 State Com #528H

Tract No.	No. of Acres Committed	Percentage of Interest in Communitized Area
1	320.00	16.6844%
2	160.00	8.3422%
3	160.00	8.3422%
4	160.00	8.3422%
5	160.00	8.3422%
6	160.00	8.3422%
7	160.00	8.3422%
8	318.87	16.6255%
9	319.09	16.6369%
Total	1917.96	100.0000%

TRACT OWNERSHIP**Worlds End 5/29 State Com #522H****Worlds End 5/29 State Com #524H****Worlds End 5/29 State Com #526H****Worlds End 5/29 State Com #528H****Total:**

Mewbourne Oil Company	75.724207%
NMSLO MINERALS	8.342197%
ConocoPhillips Company	8.342197% *
1B4S Enterprises, LLC	5.505850% *
Coterra Energy, Inc.	2.085549% *
	100.000000%

*** 15.933596% Total Interest Being Pooled.****Tract 1: N/2 of Section 29 – State Lease B0-2317**

Mewbourne Oil Company (67.00%), 1B4S Enterprises, LLC (33.00%)

Tract 2: SE/4 of Section 29 – State Lease VC-0825

Mewbourne Oil Company, et al. (100%)

Tract 3: SW/4 of Section 29 – State Lease VC-0810

Mewbourne Oil Company, et al. (100%)

Tract 4: NE/4 of Section 32 – Open State Lease # pending

N/A (100%)

Tract 5: NW/4 of Section 32 – State Lease VC-0811

Mewbourne Oil Company, et al. (100%)

Tract 6: SE/4 of Section 32 – State Lease B0-1608

ConocoPhillips Company (100%)

Tract 7: SW/4 of Section 32 – State Lease VC-1334

Mewbourne Oil Company, et al. (100%)

Tract 8: Lots 1-2, S/2NE/4, SE/4 of Section 5 – Fee Ownership

Mewbourne Oil Company, et al. (87.455703%) Avant Operating, LLC, Legion Production Partners, LLC, Double Cabin Minerals, LLC, Coterra Energy Operating Co. (12.544297%)

Tract 9: Lots 3-4, S/2NW/4, SW/4 of Section 5 – State Lease VC-0767

Mewbourne Oil Company, et al. (100%)

MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020
Midland, Texas 79701
Phone (432) 682-3715

January 28, 2025

Certified Mail

Working Interest Owner

Re: **Worlds End 5/29 Working Interest Unit**
Section 5, T19S, R36E, Section 32, T18S, R36E
Section 29, T18S, R36E, Lea County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("MOC"), as Operator, hereby proposes creating a working interest unit and nonstandard spacing unit comprising Section 5, T19S, R36E and Sections 32 and 29, T18S, R36E, Lea County, New Mexico covering the Bone Spring formation. As part of the initial development, MOC proposes drilling and completing the following wells:

- 1) Worlds End 5/29 State Com #522H – API #pending
Surface Location: 205' FSL, 2440' FEL, Section 5, T19S, R36E
Bottom Hole Location: 100' FNL, 700' FWL, Section 29, T18S, R36E
Proposed Total Vertical Depth: 9600'
Proposed Total Measured Depth: 26000'
Target: 2nd Bone Spring Sand
- 2) Worlds End 5/29 State Com #524H – API #pending
Surface Location: 205' FSL, 2290' FEL, Section 5, T19S, R36E
Bottom Hole Location: 100' FNL, 2100' FWL, Section 29, T18S, R36E
Proposed Total Vertical Depth: 9600'
Proposed Total Measured Depth: 25500'
Target: 2nd Bone Spring Sand
- 3) Worlds End 5/29 State Com #526H – API #pending
Surface Location: 205' FSL, 2140' FEL, Section 5, T19S, R36E
Bottom Hole Location: 100' FNL, 1780' FEL, Section 29, T18S, R36E
Proposed Total Vertical Depth: 9600'
Proposed Total Measured Depth: 24900'
Target: 2nd Bone Spring Sand

- 4) Worlds End 5/29 State Com #528H – API #pending
Surface Location: 205' FSL, 1990' FEL, Section 5, T19S, R36E

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. C-3

Submitted by: **Mewbourne Oil Company**

Hearing Date: May 8, 2025

Case No. 25289

Bottom Hole Location: 100' FNL, 380' FEL, Section 29, T18S, R36E
Proposed Total Vertical Depth: 9600'
Proposed Total Measured Depth: 25000'
Target: 2nd Bone Spring Sand

The wells are planned to be pad drilled using one (1) rig with the first well tentatively scheduled to spud 2nd quarter 2025. In the event you elect to participate in the proposed wells, please execute the enclosed AFEs before returning them to the undersigned within thirty (30) days. Upon receipt of the executed AFEs, our proposed Operating Agreement will be sent for execution providing a drilling well rate of \$12,000 per month and a producing well rate of \$1200 per month. Please enclose your most current well information requirements so that we may provide well data when available.

Please contact me at (432) 682-3715 or via email at tjolly@mewbourne.com if you have any questions or need more information.

Very truly yours,

MEWBOURNE OIL COMPANY

A handwritten signature in blue ink, appearing to read 'Tyler Jolly', is positioned above the printed name.

Tyler Jolly
Landman

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: WORLDS END 5/29 STATE COM #522H		Prospect: PEARL VALLEY	
Location: SL: 205 FSL & 2440 FEL (5); BHL: 100 FNL & 700 FWL (29)		County: LEA	ST: NM
Sec. 5/29	Blk: 	Survey: 	TWP: 19S RNG: 36E Prop. TVD: 9600 TMD: 26000

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$40,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$150,000	0180-0206	\$18,800
Daywork / Turnkey / Footage Drilling 26 days drlg / 3 days comp @ \$27,000/d		0180-0110	\$749,700	0180-0210	\$86,500
Fuel 1700 gal/day @ \$3.90/gal		0180-0114	\$184,100	0180-0214	\$662,600
Alternate Fuels		0180-0115		0180-0215	
Mud, Chemical & Additives		0180-0120	\$55,000	0180-0220	
Mud - Specialized		0180-0121	\$240,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$295,000
Stimulation Toe Preparation				0180-0223	\$33,000
Cementing		0180-0125	\$110,000	0180-0225	\$88,000
Logging & Wireline Services		0180-0130	\$34,000	0180-0230	\$420,500
Casing / Tubing / Snubbing Service		0180-0134	\$40,000	0180-0234	\$20,000
Mud Logging		0180-0137	\$16,000		
Stimulation 75 Stg 30MM gal & 30MM lbs				0180-0241	\$3,150,000
Stimulation Rentals & Other				0180-0242	\$325,000
Water & Other		0180-0145	\$35,000	0180-0245	\$762,900
Bits		0180-0148	\$102,500	0180-0248	
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	\$30,000	0180-0265	\$80,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$158,600	0180-0270	\$92,800
Directional Services Includes vertical control		0180-0175	\$589,500		
Equipment Rental		0180-0180	\$180,200	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,800	0180-0285	
Intangible Supplies		0180-0188	\$20,000	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$150,000
Company Supervision		0180-0195	\$97,200	0180-0295	\$50,400
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)		0180-0199	\$158,700	0180-0299	\$319,400
TOTAL			\$3,332,300		\$6,706,900

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0") 2050' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft		0181-0794	\$94,000		
Casing (8.1" - 10.0") 6000' - 9 5/8" 40# HCL80 LT&C @ \$36.53/ft		0181-0795	\$234,100		
Casing (6.1" - 8.0") 9150' - 7" 29# HCP-110 LT&C @ \$30.89/ft		0181-0796	\$301,900		
Casing (4.1" - 6.0") 16000' - 4 1/2" 13.5# P-110 BPN @ \$17.99/ft				0181-0797	\$307,400
Tubing 8575' - 3 1/2" 9.2# L-80 EUE IPC tbq @ \$15.50/ft				0181-0798	\$142,000
Drilling Head		0181-0860	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools Completion liner hanger				0181-0871	\$75,000
Subsurface Equip. & Artificial Lift Packer				0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Service Pumps (1/8) TP/CP/Circ pump				0181-0886	\$7,000
Storage Tanks (1/8) 8 OT/7 WT/GB				0181-0890	\$150,000
Emissions Control Equipment (1/8) VRT's/VRU/Flare/KO's				0181-0892	\$125,000
Separation / Treating Equipment (1/8) H sep/V sep/HT				0181-0895	\$65,000
Automation / Metering Equipment				0181-0898	\$115,000
Line Pipe & Valves - Gathering (1/8) 2 miles gas & water				0181-0900	\$400,000
Fittings / Valves & Accessories				0181-0906	\$200,000
Cathodic Protection				0181-0908	\$7,500
Electrical Installation				0181-0909	\$225,000
Equipment Installation				0181-0910	\$125,000
Pipeline Construction (1/8) 2 miles gas & water				0181-0920	\$400,000
TOTAL			\$680,000		\$2,398,900
SUBTOTAL			\$4,012,300		\$9,105,800
TOTAL WELL COST		\$13,118,100			

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: Nick Stowers	Date: 1/22/2025
Company Approval: _____	Date: _____

Joint Owner Interest: _____ Amount: _____	Signature: _____
Joint Owner Name: _____	

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: WORLDS END 5/29 STATE COM #524H		Prospect: PEARL VALLEY	
Location: SL: 205 FSL & 2290 FEL (5); BHL: 100 FNL & 2100 FWL (29)		County: LEA	ST: NM
Sec. 5/29	Blk: 	Survey: 	TWP: 19S RNG: 36E Prop. TVD: 9600 TMD: 25500

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$40,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$150,000	0180-0206	\$18,800
Daywork / Turnkey / Footage Drilling 26 days drlg / 3 days comp @ \$27,000/d		0180-0110	\$749,700	0180-0210	\$86,500
Fuel 1700 gal/day @ \$3.90/gal		0180-0114	\$184,100	0180-0214	\$662,600
Alternate Fuels		0180-0115		0180-0215	
Mud, Chemical & Additives		0180-0120	\$55,000	0180-0220	
Mud - Specialized		0180-0121	\$240,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$295,000
Stimulation Toe Preparation				0180-0223	\$33,000
Cementing		0180-0125	\$110,000	0180-0225	\$88,000
Logging & Wireline Services		0180-0130	\$34,000	0180-0230	\$420,500
Casing / Tubing / Snubbing Service		0180-0134	\$40,000	0180-0234	\$20,000
Mud Logging		0180-0137	\$16,000		
Stimulation 75 Stg 30MM gal & 30MM lbs				0180-0241	\$3,150,000
Stimulation Rentals & Other				0180-0242	\$325,000
Water & Other		0180-0145	\$35,000	0180-0245	\$762,900
Bits		0180-0148	\$102,500	0180-0248	
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	\$30,000	0180-0265	\$80,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$158,600	0180-0270	\$92,800
Directional Services Includes vertical control		0180-0175	\$589,500		
Equipment Rental		0180-0180	\$180,200	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,800	0180-0285	
Intangible Supplies		0180-0188	\$20,000	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$150,000
Company Supervision		0180-0195	\$97,200	0180-0295	\$50,400
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)		0180-0199	\$158,700	0180-0299	\$319,400
TOTAL			\$3,332,300		\$6,706,900

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0") 2050' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft		0181-0794	\$94,000		
Casing (8.1" - 10.0") 5750' - 9 5/8" 40# HCL80 LT&C @ \$36.53/ft		0181-0795	\$224,300		
Casing (6.1" - 8.0") 8950' - 7" 29# HCP-110 LT&C @ \$30.89/ft		0181-0796	\$295,300		
Casing (4.1" - 6.0") 16000' - 4 1/2" 13.5# P-110 BPN @ \$17.99/ft				0181-0797	\$307,400
Tubing 8575' - 3 1/2" 9.2# L-80 EUE IPC tbg @ \$15.50/ft				0181-0798	\$142,000
Drilling Head		0181-0860	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools Completion liner hanger				0181-0871	\$75,000
Subsurface Equip. & Artificial Lift Packer				0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Service Pumps (1/8) TP/CP/Circ pump				0181-0886	\$7,000
Storage Tanks (1/8) 8 OT/7 WT/GB				0181-0890	\$150,000
Emissions Control Equipment (1/8) VRT's/VRU/Flare/KO's				0181-0892	\$125,000
Separation / Treating Equipment (1/8) H sep/V sep/HT				0181-0895	\$65,000
Automation / Metering Equipment				0181-0898	\$115,000
Line Pipe & Valves - Gathering (1/8) 2 miles gas & water				0181-0900	\$400,000
Fittings / Valves & Accessories				0181-0906	\$200,000
Cathodic Protection				0181-0908	\$7,500
Electrical Installation				0181-0909	\$225,000
Equipment Installation				0181-0910	\$125,000
Pipeline Construction (1/8) 2 miles gas & water				0181-0920	\$400,000
TOTAL			\$663,600		\$2,398,900
SUBTOTAL			\$3,995,900		\$9,105,800
TOTAL WELL COST		\$13,101,700			

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: Nick Stowers	Date: 1/22/2025
Company Approval: _____	Date: _____
Joint Owner Interest: _____ Amount: _____	Signature: _____
Joint Owner Name: _____	

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: WORLDS END 5/29 STATE COM #526H		Prospect: PEARL VALLEY	
Location: SL: 205 FSL & 2140 FEL (5); BHL: 100 FNL & 1780 FEL (29)		County: LEA	ST: NM
Sec. 5/29	Blk: 	Survey: 	TWP: 19S RNG: 36E Prop. TVD: 9600 TMD: 24900

INTANGIBLE COSTS 0180	CODE	TCP	CODE	CC
Regulatory Permits & Surveys	0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation	0180-0105	\$40,000	0180-0205	\$35,000
Location / Restoration	0180-0106	\$150,000	0180-0206	\$18,800
Daywork / Turnkey / Footage Drilling 25 days drlg / 3 days comp @ \$27,000/d	0180-0110	\$720,900	0180-0210	\$86,500
Fuel 1700 gal/day @ \$3.90/gal	0180-0114	\$177,000	0180-0214	\$662,600
Alternate Fuels	0180-0115		0180-0215	
Mud, Chemical & Additives	0180-0120	\$55,000	0180-0220	
Mud - Specialized	0180-0121	\$240,000	0180-0221	
Horizontal Drillout Services			0180-0222	\$295,000
Stimulation Toe Preparation			0180-0223	\$33,000
Cementing	0180-0125	\$110,000	0180-0225	\$88,000
Logging & Wireline Services	0180-0130	\$34,000	0180-0230	\$420,500
Casing / Tubing / Snubbing Service	0180-0134	\$40,000	0180-0234	\$20,000
Mud Logging	0180-0137	\$16,000		
Stimulation 75 Stg 30MM gal & 30MM lbs			0180-0241	\$3,150,000
Stimulation Rentals & Other			0180-0242	\$325,000
Water & Other	0180-0145	\$35,000	0180-0245	\$762,900
Bits	0180-0148	\$102,500	0180-0248	
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	\$30,000	0180-0265	\$80,000
Welding, Construction, & Maint. Services	0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision	0180-0170	\$152,700	0180-0270	\$92,800
Directional Services Includes vertical control	0180-0175	\$563,900		
Equipment Rental	0180-0180	\$173,600	0180-0280	\$20,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	
Well / Lease Insurance	0180-0185	\$5,800	0180-0285	
Intangible Supplies	0180-0188	\$20,000	0180-0288	\$1,000
Damages	0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements	0180-0192		0180-0292	\$150,000
Company Supervision	0180-0195	\$93,600	0180-0295	\$50,400
Overhead Fixed Rate	0180-0196	\$10,000	0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)	0180-0199	\$154,800	0180-0299	\$319,400
TOTAL		\$3,250,800		\$6,706,900

TANGIBLE COSTS 0181				
Casing (19.1" - 30")		0181-0793		
Casing (10.1" - 19.0") 2050' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft		0181-0794	\$94,000	
Casing (8.1" - 10.0") 5750' - 9 5/8" 40# HCL80 LT&C @ \$36.53/ft		0181-0795	\$224,300	
Casing (6.1" - 8.0") 8875' - 7" 29# HCP-110 LT&C @ \$30.89/ft		0181-0796	\$292,800	
Casing (4.1" - 6.0") 16000' - 4 1/2" 13.5# P-110 BPN @ \$17.99/ft				0181-0797 \$307,400
Tubing 8575' - 3 1/2" 9.2# L-80 EUE IPC tbg @ \$15.50/ft				0181-0798 \$142,000
Drilling Head		0181-0860	\$50,000	
Tubing Head & Upper Section				0181-0870 \$30,000
Horizontal Completion Tools Completion liner hanger				0181-0871 \$75,000
Subsurface Equip. & Artificial Lift Packer				0181-0880 \$25,000
Pumping Unit Systems				0181-0885
Service Pumps (1/8) TP/CP/Circ pump				0181-0886 \$7,000
Storage Tanks (1/8) 8 OT/7 WT/GB				0181-0890 \$150,000
Emissions Control Equipment (1/8) VRT's/VRU/Flare/KO's				0181-0892 \$125,000
Separation / Treating Equipment (1/8) H sep/V sep/HT				0181-0895 \$65,000
Automation / Metering Equipment				0181-0898 \$115,000
Line Pipe & Valves - Gathering (1/8) 2 miles gas & water				0181-0900 \$400,000
Fittings / Valves & Accessories				0181-0906 \$200,000
Cathodic Protection				0181-0908 \$7,500
Electrical Installation				0181-0909 \$225,000
Equipment Installation				0181-0910 \$125,000
Pipeline Construction (1/8) 2 miles gas & water				0181-0920 \$400,000
TOTAL			\$661,100	\$2,398,900
SUBTOTAL			\$3,911,900	\$9,105,800
TOTAL WELL COST			\$13,017,700	

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: Nick Stowers	Date: 1/22/2025
Company Approval: _____	Date: _____

Joint Owner Interest: _____ Amount: _____	Signature: _____
Joint Owner Name: _____	

MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: WORLDS END 5/29 STATE COM #528H		Prospect: PEARL VALLEY	
Location: SL: 205 FSL & 1990 FEL (5); BHL: 100 FNL & 380 FEL (29)		County: LEA	ST: NM
Sec. 5/29	Blk: 	Survey: 	TWP: 19S RNG: 36E Prop. TVD: 9600 TMD: 25000

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$40,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$150,000	0180-0206	\$18,800
Daywork / Turnkey / Footage Drilling 25 days drlg / 3 days comp @ \$27,000/d		0180-0110	\$720,900	0180-0210	\$86,500
Fuel 1700 gal/day @ \$3.90/gal		0180-0114	\$177,000	0180-0214	\$662,600
Alternate Fuels		0180-0115		0180-0215	
Mud, Chemical & Additives		0180-0120	\$55,000	0180-0220	
Mud - Specialized		0180-0121	\$240,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$295,000
Stimulation Toe Preparation				0180-0223	\$33,000
Cementing		0180-0125	\$110,000	0180-0225	\$88,000
Logging & Wireline Services		0180-0130	\$34,000	0180-0230	\$420,500
Casing / Tubing / Snubbing Service		0180-0134	\$40,000	0180-0234	\$20,000
Mud Logging		0180-0137	\$16,000		
Stimulation 75 Stg 30MM gal & 30MM lbs				0180-0241	\$3,150,000
Stimulation Rentals & Other				0180-0242	\$325,000
Water & Other		0180-0145	\$35,000	0180-0245	\$762,900
Bits		0180-0148	\$102,500	0180-0248	
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	\$30,000	0180-0265	\$80,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$152,700	0180-0270	\$92,800
Directional Services Includes vertical control		0180-0175	\$563,900		
Equipment Rental		0180-0180	\$173,600	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,800	0180-0285	
Intangible Supplies		0180-0188	\$20,000	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$150,000
Company Supervision		0180-0195	\$93,600	0180-0295	\$50,400
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)		0180-0199	\$154,800	0180-0299	\$319,400
TOTAL			\$3,250,800		\$6,706,900

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0") 2050' - 13 3/8" 54.5# J-55 ST&C @ \$42.93/ft		0181-0794	\$94,000		
Casing (8.1" - 10.0") 5750' - 9 5/8" 40# HCL80 LT&C @ \$36.53/ft		0181-0795	\$224,300		
Casing (6.1" - 8.0") 8890' - 7" 29# HCP-110 LT&C @ \$30.89/ft		0181-0796	\$293,300		
Casing (4.1" - 6.0") 16000' - 4 1/2" 13.5# P-110 BPN @ \$17.99/ft				0181-0797	\$307,400
Tubing 8575' - 3 1/2" 9.2# L-80 EUE IPC tbg @ \$15.50/ft				0181-0798	\$142,000
Drilling Head		0181-0860	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools Completion liner hanger				0181-0871	\$75,000
Subsurface Equip. & Artificial Lift Packer				0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Service Pumps (1/8) TP/CP/Circ pump				0181-0886	\$7,000
Storage Tanks (1/8) 8 OT/7 WT/GB				0181-0890	\$150,000
Emissions Control Equipment (1/8) VRT's/VRU/Flare/KO's				0181-0892	\$125,000
Separation / Treating Equipment (1/8) H sep/V sep/HT				0181-0895	\$65,000
Automation / Metering Equipment				0181-0898	\$115,000
Line Pipe & Valves - Gathering (1/8) 2 miles gas & water				0181-0900	\$400,000
Fittings / Valves & Accessories				0181-0906	\$200,000
Cathodic Protection				0181-0908	\$7,500
Electrical Installation				0181-0909	\$225,000
Equipment Installation				0181-0910	\$125,000
Pipeline Construction (1/8) 2 miles gas & water				0181-0920	\$400,000
TOTAL			\$661,600		\$2,398,900
SUBTOTAL			\$3,912,400		\$9,105,800
TOTAL WELL COST					\$13,018,200

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: Nick Stowers	Date: 1/22/2025
Company Approval: _____	Date: _____
Joint Owner Interest: _____ Amount: _____	Signature: _____
Joint Owner Name: _____	

Summary of Communications
Worlds End 5/29 State Com #522H
Worlds End 5/29 State Com #524H
Worlds End 5/29 State Com #526H
Worlds End 5/29 State Com #528H

Lots 1-4, S/2N/2, and S/2 of Section 5, Township 19 South, Range 36 East, and all of Section 32 and all of Section 29, Township 18 South, Range 36 East, Lea County, New Mexico

ConocoPhillips Company:

1/28/2025: Mailed Well Proposal Letter and AFEs to above listed party.
2/6/2025: Email with a representative of the above listed party.
2/19/2025: Email with a representative of the above listed party.
3/8/2025: Email with a representative of the above listed party.

1B4S Enterprises, LLC:

1/21/2025: Mailed Well Proposal Letter and AFEs to above listed party.
1/27/2025: Email with a representative of the above listed party.
1/28/2025: Mailed Working Interest Unit, Well Proposal, and AFEs to above listed party.
2/21/2025: Phone call with a representative of the above listed party.
4/2/2025: Phone call with a representative of the above listed party.

Coterra Energy Operating Co.:

1/28/2025: Mailed Well Proposal Letter and AFEs to above listed party.
2/15/2025: Phone call with a representative of the above listed party.
2/27/2025: Email with a representative of the above listed party.
3/27/2025: Email with a representative of the above listed party.
4/1/2025: Email with a representative of the above listed party.
4/3/2025: Meeting with a representative of the above listed party.

Avant Operating, LLC:

1/28/2025: Mailed Well Proposal Letter and AFEs to above listed party.
2/15/2025: Phone call with a representative of the above listed party.
2/27/2025: Email with a representative of the above listed party.
3/27/2025: Email with a representative of the above listed party.
4/1/2025: Email with a representative of the above listed party.
4/3/2025: Meeting with a representative of the above listed party.

Legion Production Partners, LLC:

1/28/2025: Mailed Well Proposal Letter and AFEs to above listed party.
2/15/2025: Phone call with a representative of the above listed party.
2/27/2025: Email with a representative of the above listed party.
3/27/2025: Email with a representative of the above listed party.
4/1/2025: Email with a representative of the above listed party.
4/3/2025: Meeting with a representative of the above listed party.

Double Cabin Minerals, LLC:

1/28/2025: Mailed Well Proposal Letter and AFEs to above listed party.
2/15/2025: Phone call with a representative of the above listed party.
2/27/2025: Email with a representative of the above listed party.
3/27/2025: Email with a representative of the above listed party.
4/1/2025: Email with a representative of the above listed party.
4/3/2025: Meeting with a representative of the above listed party.

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. C-4

Submitted by: **Mewbourne Oil Company**

Hearing Date: May 8 2025

Case No. 25289

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

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

CASE NO. 25289

SELF-AFFIRMED STATEMENT OF Charles Crosby

1. My name is Charles Crosby. I work for Mewbourne Oil Company ("Mewbourne") as a Geologist.
2. I have previously testified before the New Mexico Oil Conservation Division ("Division") as an expert witness in petroleum geology. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record.
3. I am familiar with the application filed by Mewbourne in this case, and I have conducted a geologic study of the lands in the subject area.
4. Mewbourne is targeting the 2nd Bone Spring Sand member of the Bone Spring formation in this case.
5. **Mewbourne Exhibit D-1** is a general locator map.
6. **Mewbourne Exhibit D-2** is a subsea structure map that I prepared for the base of the 2nd Bone Spring Sand. The contour intervals are 100 feet. The area comprising the proposed spacing unit is outlined in dashed black with the approximate location and orientation of the initial wells noted with a dashed green arrow. The structure map shows the targeted formation gently dipping to the west. The structure appears consistent across the proposed spacing unit, and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D
Submitted by: **Mewbourne Oil Company**
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7. Mewbourne Exhibit D-2 also shows a line of cross-section through the proposed horizontal spacing unit from A to A'. I chose the logs from these wells to create the cross-section because they penetrate the targeted interval, are of good quality and have been subjected to petrophysical analysis of the targeted interval. In my opinion, these well logs are representative of the geology in the subject area.

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

9. In my opinion, standup orientation of the proposed wells is the appropriate orientation for horizontal well development in this area because it is more near perpendicular to the maximum horizontal stress of the area.

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

11. In my opinion, horizontal drilling will be the most efficient method to develop this acreage, to prevent the drilling of unnecessary wells, and to result in the greatest ultimate recovery, and that approving Mewbourne's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

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

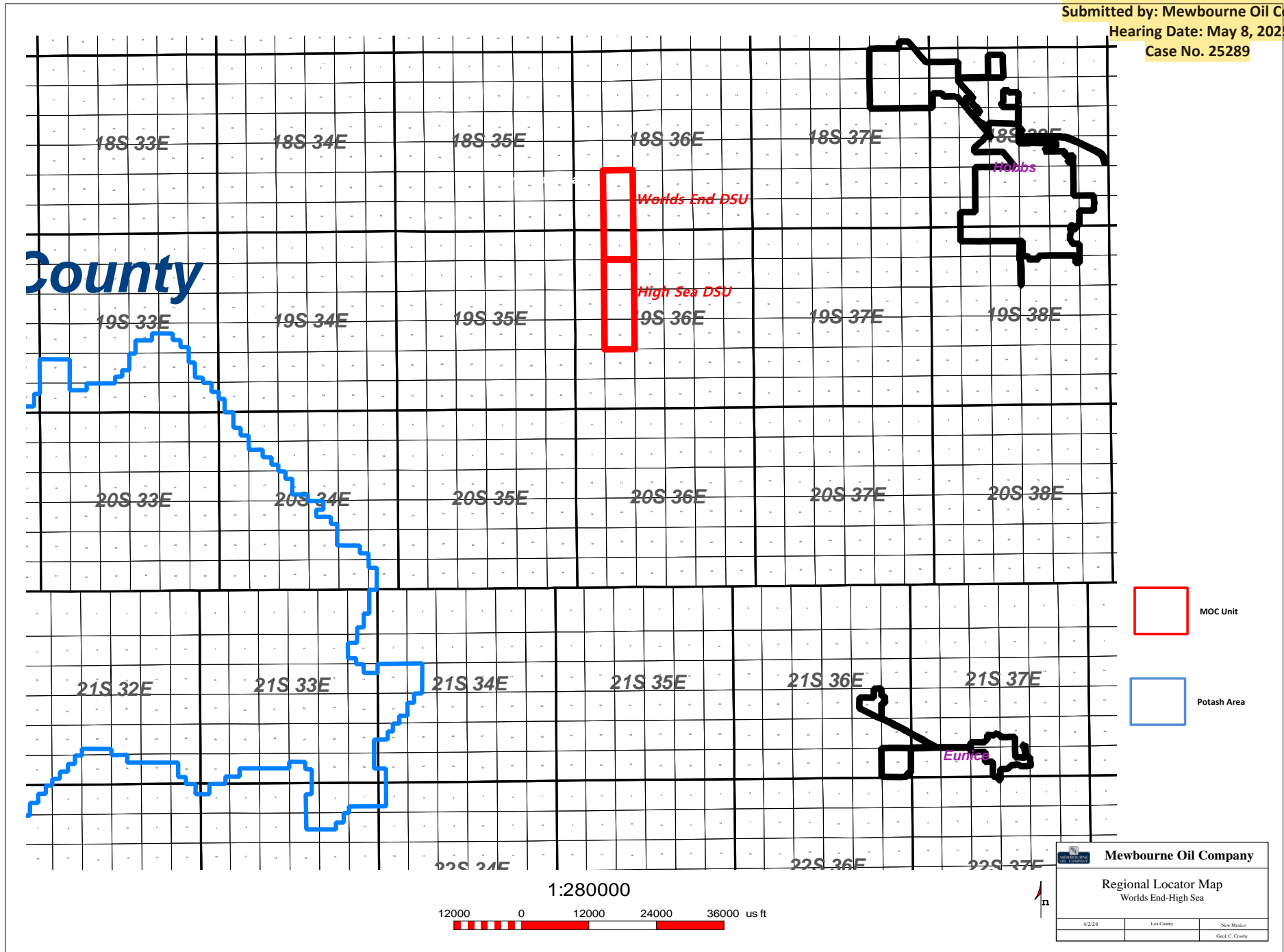
13. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

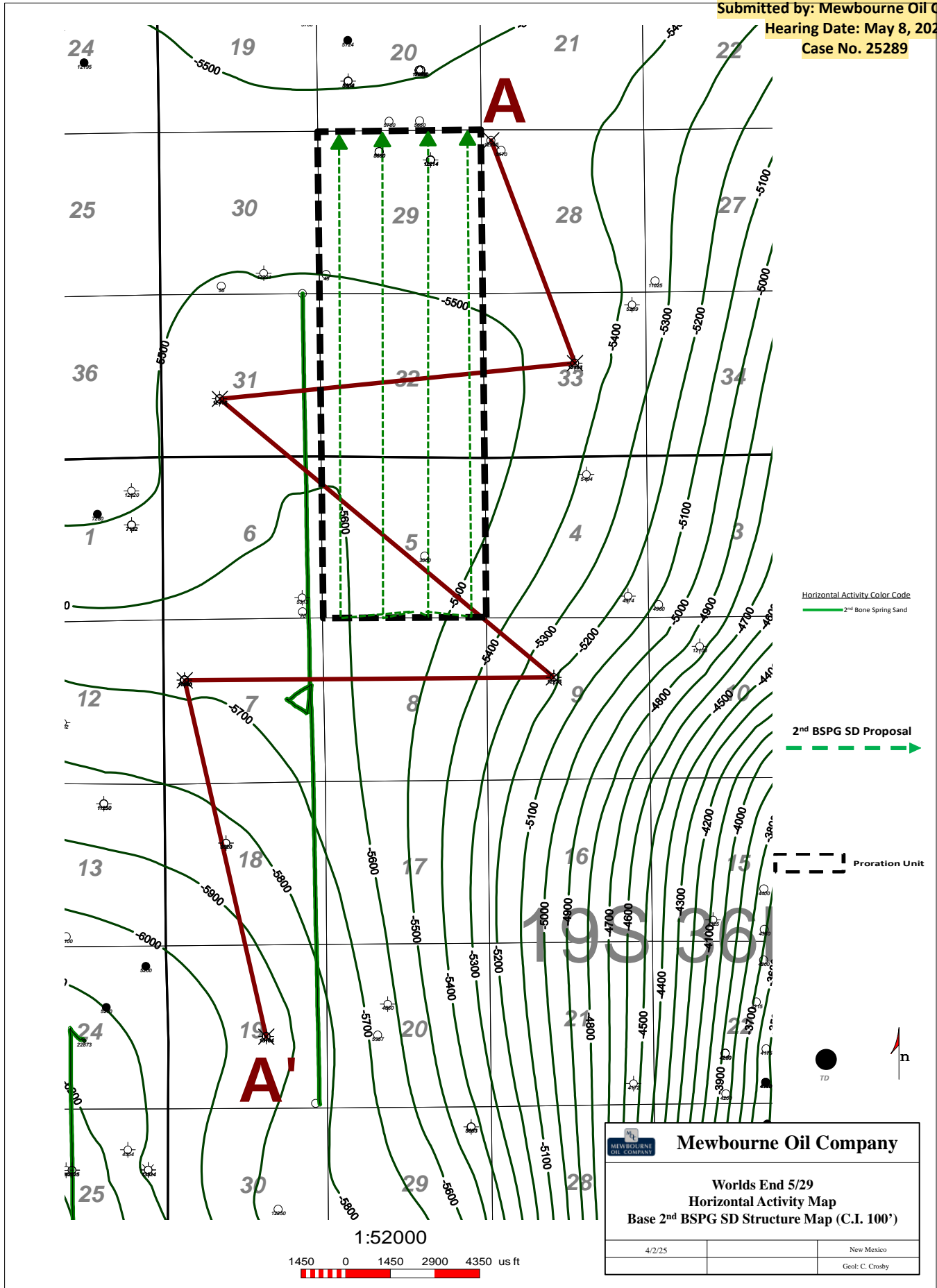


Charlie Crosby



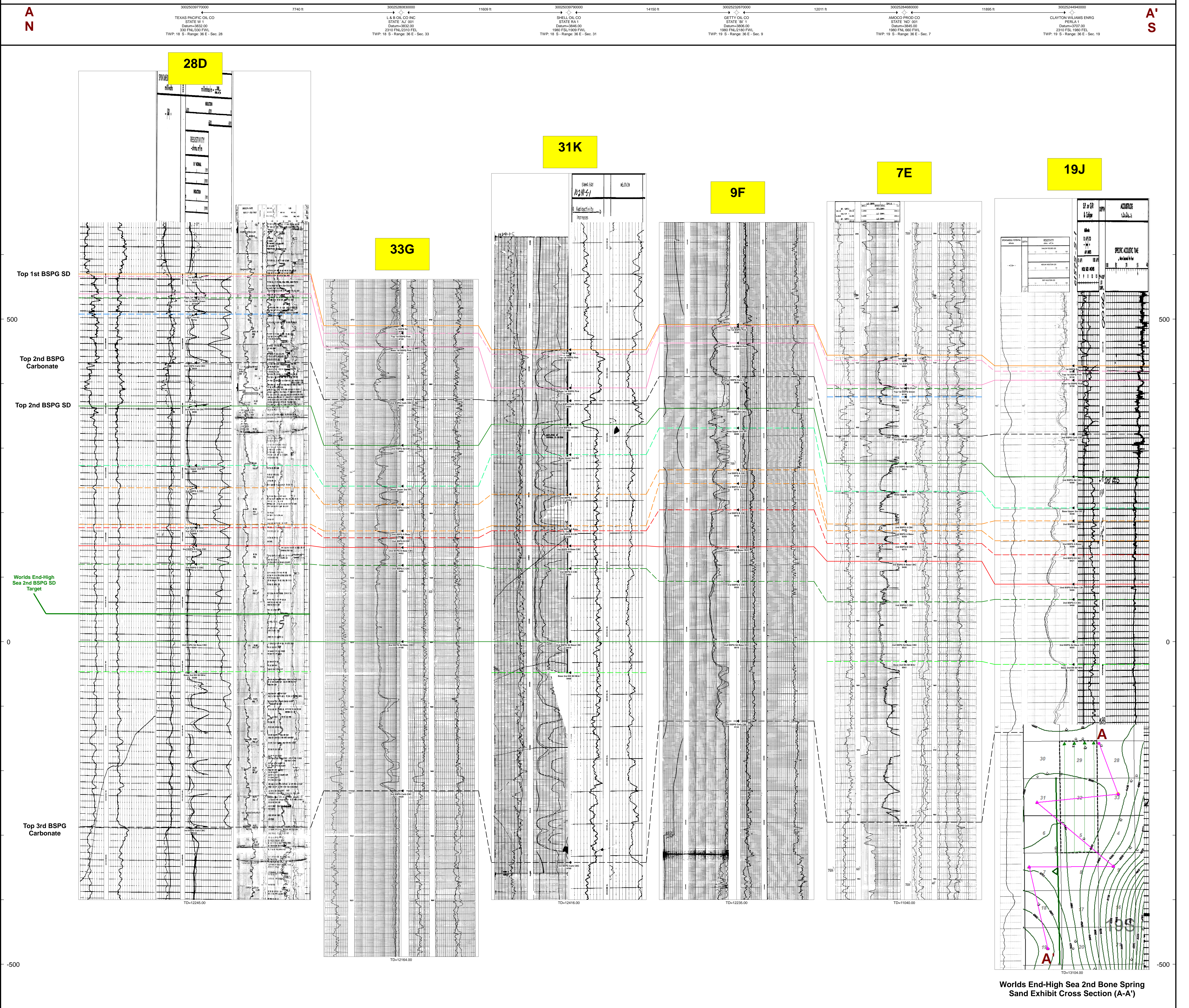
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**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

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

CASE NO. 25289

**SELF-AFFIRMED STATEMENT OF
PAULA M. VANCE**

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

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

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

4. The spreadsheet attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of March 28, 2025.

5. I caused a notice to be published to all parties subject to this compulsory pooling proceeding. An affidavit of publication from the publication’s legal clerk with a copy of the notice of publication is attached herein.

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

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. E
Submitted by: **Mewbourne Oil Company**
Hearing Date: May 8, 2025
Case No. 25289

A handwritten signature in blue ink, appearing to read "Paula M. Vance", written over a horizontal line.

Paula M. Vance

4/3/2025

Date



Paula M. Vance
Associate
Phone (505) 988-4421
Email pmvance@hollandhart.com

March 21 2025

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Mewbourne Oil Company for Compulsory Pooling, Lea County, New Mexico: Worlds End 5/29 State Com #522H, #524H, #526H, and #528H wells

Greetings:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on April 10, 2025, and the status of the hearing can be monitored through the Division's website at <https://www.emnrd.nm.gov/ocd/>.

It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually in the hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/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. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Peyton Warren at (432) 682-3715, or at pwarren@mewbourne.com.

Sincerely,

A handwritten signature in blue ink that reads "Paula M. Vance".

Paula M. Vance
ATTORNEY FOR MEWBOURNE OIL COMPANY

T 505.988.4421 F 505.983.6043
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208
www.hollandhart.com

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming

Postal Delivery Report

9414811898765453461488	Yucca Ranch Development, LLC	PO Box 16707	Lubbock	TX	79490-6707	Your item could not be delivered on March 27, 2025 at 9:26 am in LUBBOCK, TX 79490. It was held for the required number of days and is being returned to the sender.
9414811898765453461433	Kevin Moore, Trustee of the Kevin Moore SSMTT GST Exempt Trust as revised and restated on December 22, 2008	1905 Runnels St	Big Spring	TX	79720-5446	We attempted to deliver your item at 5:02 pm on March 25, 2025 in BIG SPRING, TX 79720 and a notice was left because an authorized recipient was not available.
9414811898765453461518	Kevin Moore, Trustee of the Kevin Moore SSMTT GST Nonexempt Trust as revised and restated on December 22, 2008	1905 Runnels St	Big Spring	TX	79720-5446	We attempted to deliver your item at 5:02 pm on March 25, 2025 in BIG SPRING, TX 79720 and a notice was left because an authorized recipient was not available.
9414811898765453461556	Ryan Moore, Trustee of the Ryan Moore SSMTT GST Exempt Trust as revised and restated on December 22, 2008	PO Box 471458	Fort Worth	TX	76147-1458	Your item has been delivered and is available at a PO Box at 9:43 am on March 27, 2025 in FORT WORTH, TX 76107.
9414811898765453461563	GST Nonexempt Trust as revised and restated on December 22, 2008	PO Box 471458	Fort Worth	TX	76147-1458	Your item has been delivered and is available at a PO Box at 9:43 am on March 27, 2025 in FORT WORTH, TX 76107.
9414811898765453461525	Bruce L. Crile	245 Wintergreen Cir	Napa	CA	94558-1585	Your item was delivered to an individual at the address at 1:57 pm on March 25, 2025 in NAPA, CA 94558.

MOC - Worlds End 522H, 524H, 526H, 528H wells - Case no. 25289

Postal Delivery Report

9414811898765453461501	Jo Ann Anger	1631 E Hatcher Dr	Phoenix	AZ	85020-2321	Your item arrived at the PHOENIX, AZ 85020 post office at 7:18 pm on March 24, 2025 and is ready for pickup.
9414811898765453461594	Michael Hurd	PO Box 100	San Patricio	NM	88348-0100	Your item was picked up at a postal facility at 9:00 am on March 25, 2025 in SAN PATRICIO, NM 88348.
9414811898765453461549	Norman J. Hale	413 56th Avenue Dr W	Bradenton	FL	34207-3837	We attempted to deliver your item at 4:28 pm on March 25, 2025 in BRADENTON, FL 34207 and a notice was left because an authorized recipient was not available.
9414811898765453461587	Kimberly Ann Osborne	1045 Conrad Dr Spc 80	Kalispell	MT	59901-7897	Your item was delivered to an individual at the address at 10:52 am on March 25, 2025 in KALISPELL, MT 59901.
9414811898765453461532	Thala Properties, LLC	180645 N 2850 Rd	Comanche	OK	73529-6017	Your item was delivered to an individual at the address at 9:55 am on March 25, 2025 in COMANCHE, OK 73529.
9414811898765453489215	ConocoPhillips Company	600 W Illinois Ave	Midland	TX	79701-4882	Your item was picked up at a postal facility at 7:56 am on March 26, 2025 in MIDLAND, TX 79701.

MOC - Worlds End 522H, 524H, 526H, 528H wells - Case no. 25289

Postal Delivery Report

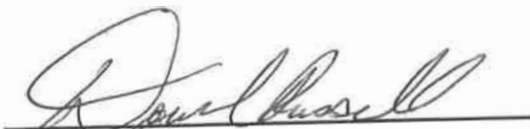
9414811898765453489253	Avant Operating, LLC	1515 Wynkoop St Ste 700	Denver	CO	80202-2062	Your item was delivered to the front desk, reception area, or mail room at 4:57 pm on March 24, 2025 in DENVER, CO 80202.
9414811898765453489260	Double Cabin Minerals, LLC	1515 Wynkoop St Ste 700	Denver	CO	80202-2062	Your item was delivered to the front desk, reception area, or mail room at 4:57 pm on March 24, 2025 in DENVER, CO 80202.
9414811898765453489208	Legion Production Partners, LLC	1515 Wynkoop St Ste 700	Denver	CO	80202-2062	Your item was delivered to the front desk, reception area, or mail room at 4:57 pm on March 24, 2025 in DENVER, CO 80202.
9414811898765453489246	1B4S Enterprises, LLC	3203 Bowie St	Amarillo	TX	79109-3403	Your item is back at the AMARILLO, TX 79109 post office following a delivery attempt at 6:19 pm on March 25, 2025 and is available for redelivery or pickup.

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

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

Beginning with the issue dated
March 27, 2025
and ending with the issue dated
March 27, 2025.



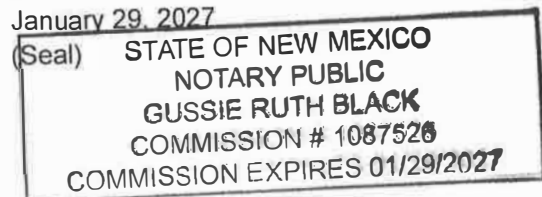
Publisher

Sworn and subscribed to before me this
27th day of March 2025.



Business Manager

My commission expires
January 29, 2027



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

LEGAL NOTICE March 27, 2025

Case No. 25289: Application of Mewbourne Oil Company for Compulsory Pooling, Lea County, New Mexico. Notice to all affected interest owners, including all heirs, devisees and successors of: Yucca Ranch Development, LLC; Kevin Moore, Trustee of the Kevin Moore SSMTT GST Exempt Trust as revised and restated on December 22, 2008; Kevin Moore, Trustee of the Kevin Moore SSMTT GST Nonexempt Trust as revised and restated on December 22, 2008; Ryan Moore, Trustee of the Ryan Moore SSMTT GST Exempt Trust as revised and restated on December 22, 2008; Ryan Moore, Trustee of the Ryan Moore SSMTT GST Nonexempt Trust as revised and restated on December 22, 2008; Bruce L. Crille; Jo Ann Anger; Michael Hurd; Norman J. Hale; Kimberly Ann Osborne; Thala Properties, LLC; ConocoPhillips Company; Avant Operating, LLC; Double Cabin Minerals, LLC; Legion Production Partners, LLC; and 1B4S Enterprises, LLC. The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearing 8:30 a.m. on April 10, 2025, to consider this application. The hearing will be conducted in a hybrid fashion, both 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 and via the WebEx virtual meeting platform. To participate in the hearings electronically, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/oed/hearing-info/> or contact Freya Tschantz, at Freya.Tschantz@emnrd.nm.gov. Applicant in the above-styled cause seeks an order an order pooling a non-standard 1,9217.96-acre, more or less, horizontal well spacing unit in the Bone Spring formation underlying Lots 1-4, the S/2 N/2 and S/2 (All equivalent) of Irregular Section 5, Township 19 South, Range 36 East, and All of Sections 29 and 32, Township 18 South, Range 36 East, NMPM, Lea County, New Mexico. This spacing unit will be initially dedicated to the proposed **Worlds End 5/29 State Com #522H** well, with a surface location in the SW/4 SE/4 (Unit O) of Section 5, T19S-R36E, and a bottom hole location in the NW/4 NW/4 (Unit D) of Section 29, T18S-R36E; **Worlds End 5/29 State Com #524H** well, with a surface location in the SW/4 SE/4 (Unit O) of Section 5, T19S-R36E, and a bottom hole location in the NE/4 NW/4 (Unit C) of Section 29, T18S-R36E; **Worlds End 5/29 State Com #526H** well, with a surface location in the SW/4 SE/4 (Unit O) of Section 5, T19S-R36E, and a bottom hole location in the NW/4 NE/4 (Unit B) of Section 29, T18S-R36E; and **Worlds End 5/29 State Com #528H** well, with a surface location in the SW/4 SE/4 (Unit O) of Section 5, T19S-R36E, and a bottom hole location in the NE/4 NE/4 (Unit A) of Section 29, T18S-R36E. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof, the operating costs and charges for supervision, the designation of applicant as operator of the proposed spacing unit, and a 200% charge for risk involved in drilling said wells. The subject area is located approximately 14 miles west of Hobbs, New Mexico. #00299441

67100754

00299441

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

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. F
Submitted by: Mewbourne Oil Company
Hearing Date: May 8, 2025
Case No. 25289