

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

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

**CASE NO. 24655**

**EXHIBIT INDEX**

Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Adriana Salgado
A-1	Application & Proposed Notice of Hearing
A-2	C-102s
A-3	Plat of Tracts, Tract Ownership, Applicable Lease Numbers, Pooled Parties
A-4	Sample Well Proposal Letter and AFE
A-5	Chronology of Contact
Exhibit B	Self-Affirmed Statement of Tyler Hill
B-1	Location Map
B-2	Subsea Structure Maps
B-3	Stratigraphic Cross Sections
B-4	Directional Drilling Plans
Exhibit C	Self-Affirmed Statement of Dana S. Hardy
C-1	Sample Notice Letter to Interested Party
C-2	Copies of Certified Mail Receipt and Return
C-3	Affidavit of Publication for July 10, 2024

<b>COMPULSORY POOLING APPLICATION CHECKLIST</b>	
<b>ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS</b>	
<b>Case: 24655</b>	<b>APPLICANT'S RESPONSE</b>
<b>Hearing Date: August 22, 2024</b>	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	14744
Applicant's Counsel:	Hinkle Shanor LLP & James Bruce
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Lea County, New Mexico.
Entries of Appearance/Intervenors:	None.
Well Family	Lobo 33/28 Fed Com
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring Formation
Pool Name and Pool Code:	Billbrey Basin; Bone Spring pool (Code 5695)
Well Location Setback Rules:	Statewide
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	480-acres
Building Blocks:	quarter-quarter
Orientation:	South to North
Description: TRS/County	W/2 of Section 33 and SW/4 of Section 28, Township 21 South, Range 32 East, Lea County.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	No. This non-standard horizontal spacing unit has been administratively approved by the Division.
<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	Lobo 33/28 Fed Com 402H (API # pending) SHL: 150' FSL & 1981' FWL (Unit N), Section 33, T21S-R32E BHL: 2543' FSL & 930' FWL (Unit L), Section 28, T21S-R32E Completion Target: Bone Spring (Approx. 9,876' TVD)
Well #2	Lobo 33/28 Fed Com 521H (API # pending) SHL: 150' FSL & 1945' FWL (Unit N), Section 33, T21S-R32E BHL: 2542' FSL & 500' FWL (Unit L), Section 28, T21S-R32E Completion Target: Bone Spring (Approx. 10,695' TVD)
Well #3	Lobo 33/28 Fed Com 582H (API # pending) SHL: 150' FSL & 1999' FWL (Unit N), Section 33, T21S-R32E BHL: 2543' FSL & 940' FWL (Unit L), Section 28, T21S-R32E Completion Target: Bone Spring (Approx. 11,215' TVD)
Well #4	Lobo 33/28 Fed Com 474H (API # pending) SHL: 150' FSL & 2089' FWL (Unit N), Section 33, T21S-R32E BHL: 2543' FSL & 2250' FWL (Unit K), Section 28, T21S-R32E Completion Target: Bone Spring (Approx. 10,136' TVD)
Well #5	Lobo 33/28 Fed Com 523H (API # pending) SHL: 150' FSL & 2035' FWL (Unit N), Section 33, T21S-R32E BHL: 2543' FSL & 1980' FWL (Unit K), Section 28, T21S-R32E Completion Target: Bone Spring (Approx. 10,695' TVD)

Well #6	Lobo 33/28 Fed Com 564H (API # pending) SHL: 150' FSL & 2053' FWL (Unit N), Section 33, T21S-R32E BHL: 2543' FSL & 2260' FWL (Unit K), Section 28, T21S-R32E Completion Target: Bone Spring (Approx. 11,215' TVD)
Well #7	Lobo 33/28 Fed Com 623H (API # pending) SHL: 150' FSL & 2017' FWL (Unit N), Section 33, T21S-R32E BHL: 2543' FSL & 1540' FWL (Unit K), Section 28, T21S-R32E Completion Target: Bone Spring (Approx. 11,215' 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
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-3
<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-3
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-2
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-2
Cross Section (including Landing Zone)	Exhibit B-3
<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>	8/19/2024

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

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

**Case No. 24655**

**SELF-AFFIRMED STATEMENT  
OF ADRIANA SALGADO**

1. I am employed by Mewbourne Oil Company (“Mewbourne”) as a landman. 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 in the Bone Spring formation underlying a 480-acre, more or less, non-standard horizontal spacing unit comprised of the W/2 of Section 33 and the SW/4 of Section 28, Township 21 South, Range 32 East, Lea County, New Mexico (“Unit”).

5. Mewbourne seeks to dedicate the Unit to the following wells (“Wells”):

- a. The **Lobo 33/28 Fed. Com. Well Nos. 402H, 521H, and 582H**, to be drilled from a surface hole location in the SE/4 SW/4 (Unit N) of Section 33 to a bottom hole location in the NW/4 SW/4 (Unit L) of Section 28; and

**Mewbourne Oil Company  
Case No. 24655  
Exhibit A**

- b. The **Lobo 33/28 Fed. Com. Well No. 474H, 523H, 564H, and 623H**, to be drilled from a surface hole location in the SE/4 SW/4 (Unit N) of Section 33 to a bottom hole location in the NE/4 SW/4 (Unit K) of Section 28.
6. The Wells will be completed in the Bilbrey Basin; Bone Spring pool (Code 5695).
7. The completed interval of the Wells will be orthodox.
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 and the interests Mewbourne seeks to pool highlighted in yellow.
10. Mewbourne has requested administrative approval of a non-standard spacing unit, which has been approved by the Division.
11. **Exhibit A-4** contains a sample well proposal letter and AFE sent to the working interest owners for the Wells. The estimated costs reflected on the AFE 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.
12. Mewbourne has conducted a diligent search of all county public records, including telephone directories and computer databases, to locate the interest owners in the Unit. Mewbourne has located all of the parties it seeks to pool.
13. 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**.

14. Mewbourne requests overhead and administrative rates of \$8,000 per month while the Wells are being drilled and \$800 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.

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

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

17. I understand this Self-Affirmed Statement will be used as written testimony in the subject cases. 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.

Asalgado  
Adriana Salgado

8/16/24  
Date

**BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION**

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

Case No. \_\_\_\_\_

**APPLICATION**

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of the W/2 of Section 33 and the SW/4 of Section 28, Township 21 South, Range 32 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the W/2 of Section 33 and the SW/4 of Section 28 (containing 480 acres), and has the right to drill a well or wells thereon.
2. Applicant proposes to drill the following wells to depths sufficient to test the Bone Spring formation: (a) the Lobo 33/28 Fed. Com. Well Nos. 402H, 521H, and 582H, with first take points in the SW/4SW/4 of 33 and last take points in the NW/4SW/4 of Section 28; and (b) the Lobo 33/28 Fed. Com. Well Nos. 474H, 523H, 564H, and 623H, with first take points in the SE/4SW/4 of 33 and last take points in the NE/4SW/4 of Section 28.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the W/2 of Section 33 and the SW/4 of Section 28 for the purposes set forth herein.
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the wells or to otherwise commit their interests to the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Bone

**Mewbourne Oil Company  
Case No. 24655  
Exhibit A-1**



Spring formation underlying the W/2 of Section 33 and the SW/4 of Section 28, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all uncommitted mineral interest owners in the Bone Spring formation underlying the W/2 of Section 33 and the SW/4 of Section 28 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

**WHEREFORE**, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted mineral interest owners in the Bone Spring formation (Bilbrey Basin; Bone Spring/Pool Code 5695) underlying the W/2 of Section 33 and the SW/4 of Section 28;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, equipping, and testing the wells, and allocating the cost among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, equipping, and testing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,



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James Bruce  
Post Office Box 1056  
Santa Fe, New Mexico 87504  
(505) 982-2043

Attorney for Mewbourne Oil Company

65.	24654 <b>Uncontested Hearing</b>	<b>Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico.</b> Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest (Record Title) owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 12 and the S/2S/2 of Section 11, Township 18 South, Range 30 East, NMPM. The unit will be dedicated to the Sandbox 12/11 Fed. Com. Well No. 528H, a horizontal well with a first take point in the SE/4SE/4 of Section 12 and a last take point in the SW/4SW/4 of Section 11. Also to be considered will be the designation of applicant as operator of the well. The unit is located approximately 6 miles southeast of Loco Hills, New Mexico.
66.	24655 <b>Uncontested Hearing</b>	<b>Application of Mewbourne Oil Company for compulsory pooling, Lea County, New Mexico.</b> Mewbourne Oil Company seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of the W/2 of Section 33 and the SW/4 of Section 28, Township 21 South, Range 32 East, NMPM. The unit will be dedicated to (a) the Lobo 33/28 Fed. Com. Well Nos. 402H, 521H, and 582H, with first take points in the SW/4SW/4 of 33 and last take points in the NW/4SW/4 of Section 28, and (b) the Lobo 33/28 Fed. Com. Well Nos. 474H, 523H, 564H, and 623H, with first take points in the SE/4SW/4 of 33 and last take points in the NE/4SW/4 of Section 28. Also to be considered will be the cost of drilling, completing, equipping, and testing the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, equipping, and testing the wells. The unit is located approximately 8 miles south-southeast of Halfway, New Mexico.
67.	24656 <b>Uncontested Hearing</b>	<b>Application of Mewbourne Oil Company for compulsory pooling, Lea County, New Mexico.</b> Mewbourne Oil Company seeks an order pooling all mineral interest owners in the upper Wolfcamp formation underlying a non-standard horizontal spacing unit comprised of the W/2 of Section 33 and the SW/4 of Section 28, Township 21 South, Range 32 East, NMPM. The unit will be dedicated to (a) the Lobo 33/28 Fed. Com. Well No. 701H, with a first take point in the SW/4SE/4 of Section 33 and a last take point in the NW/4SW/4 of Section 28, and (b) the Lobo 33/28 Fed. Com. Well No. 704H with a first take point in the SE/4SE/4 of Section 33 and a last take point in the NE/4SW/4 of Section 28. Also to be considered will be the cost of drilling, completing, equipping, and testing the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, equipping, and testing the wells. The unit is located approximately 8 miles south-southeast of Halfway, New Mexico.
68.	24657 <b>Uncontested Hearing</b>	<b>Application of Mewbourne Oil Company for compulsory pooling and vacating Order No. R-22924, Lea County, New Mexico.</b> Mewbourne Oil Company seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a proximity tract horizontal spacing unit comprised of the E/2 of Section 28 and the E/2 of Section 33, Township 21 South, Range 32 East, NMPM. The unit will be dedicated (a) the Lobo 33/28 Fed. Com. Well Nos. 406H, 586H, and 625H, with first take points in the SW/4SE/4 of 33 and last take points in the NW/4NE/4 of Section 28; and (b) the Lobo 33/28 Fed. Com. Well Nos. 408H, 568H, and 628H, with first take points in the SE/4SE/4 of 33 and last take points in the NE/4NE/4 of Section 28. Also to be considered will be the cost of drilling, completing, equipping, and testing the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, equipping, and testing the wells. Applicant also requests that Order No. R-22924, which covers the subject acreage, be vacated. The unit is located approximately 8 miles south-southeast of Halfway, New Mexico.
69.	24658 <b>Uncontested Hearing</b>	<b>Application of Mewbourne Oil Company for compulsory pooling and vacating Order Nos. R-22925 and R-22926, Lea County, New Mexico.</b> Mewbourne Oil Company seeks an order pooling all mineral interest owners in the upper Wolfcamp formation underlying a proximity tract horizontal spacing unit comprised of the E/2 of Section 33 and the E/2 of Section 28, Township 21 South, Range 32 East, NMPM. The unit will be dedicated to the Lobo 33/28 Fed. Com. Well No. 706H with a first take point in the SW/4SE/4 (1330 feet FEL) of Section 33 and a last take point in the NW/4NE/4 (1330 feet FEL) of Section 28. Also to be considered will be the cost of drilling, completing, equipping, and testing the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant

Case No. 24655

Exhibit A-2

Form C-102

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code 5695	<sup>3</sup> Pool Name Bilbrey Basin; Bone Spring	
<sup>4</sup> Property Code	<sup>5</sup> Property Name LOBO 33/28 FED COM			<sup>6</sup> Well Number 564H
<sup>7</sup> GRID NO.	<sup>8</sup> Operator Name MEWBOURNE OIL COMPANY			<sup>9</sup> Elevation 3785'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
N	33	21S	32E		150	SOUTH	2053	WEST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	28	21S	32E		2543	SOUTH	2260	WEST	LEA

<sup>12</sup> Dedicated Acres 480	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<sup>16</sup>

**GEODETTIC DATA**  
NAD 83 GRID - NM EAST

**SURFACE LOCATION**  
N: 520174.7 - E: 742409.7  
LAT: 32.4283407° N  
LONG: 103.6816464° W

**BOTTOM HOLE**  
N: 527850.9 - E: 742573.1  
LAT: 32.4494372° N  
LONG: 103.6809651° W

**CORNER DATA**  
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1916"  
N: 520004.5 - E: 740357.7

B: FOUND BRASS CAP "1916"  
N: 522646.7 - E: 740342.7

C: FOUND BRASS CAP "1916"  
N: 525287.1 - E: 740328.6

D: FOUND BRASS CAP "1916"  
N: 527928.8 - E: 740313.1

E: FOUND BRASS CAP "1916"  
N: 530566.4 - E: 740299.7

F: FOUND BRASS CAP "1916"  
N: 530596.2 - E: 742936.1

G: FOUND BRASS CAP "1916"  
N: 530629.8 - E: 745576.5

H: FOUND BRASS CAP "1916"  
N: 527980.4 - E: 745593.6

I: FOUND BRASS CAP "1916"  
N: 525339.7 - E: 745608.1

J: FOUND BRASS CAP "1916"  
N: 522698.8 - E: 745624.2

K: FOUND BRASS CAP "1916"  
N: 520058.9 - E: 745639.7

L: FOUND BRASS CAP "1916"  
N: 520030.5 - E: 742997.3

M: FOUND BRASS CAP "1916"  
N: 525312.3 - E: 742964.8

**<sup>17</sup> OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**<sup>18</sup> SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

05/01/2024  
Date of Survey

Signature and Seal of Professional Surveyor

**19680**  
Certificate Number

Job No.: LS240503987

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
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State of New Mexico  
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Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code 5695	<sup>3</sup> Pool Name Bilbrey Basin; Bone Spring
<sup>4</sup> Property Code	<sup>5</sup> Property Name LOBO 33/28 FED COM	
<sup>7</sup> OGRID NO.	<sup>8</sup> Operator Name MEWBOURNE OIL COMPANY	<sup>6</sup> Well Number 523H
		<sup>9</sup> Elevation 3786'

<sup>10</sup> Surface Location

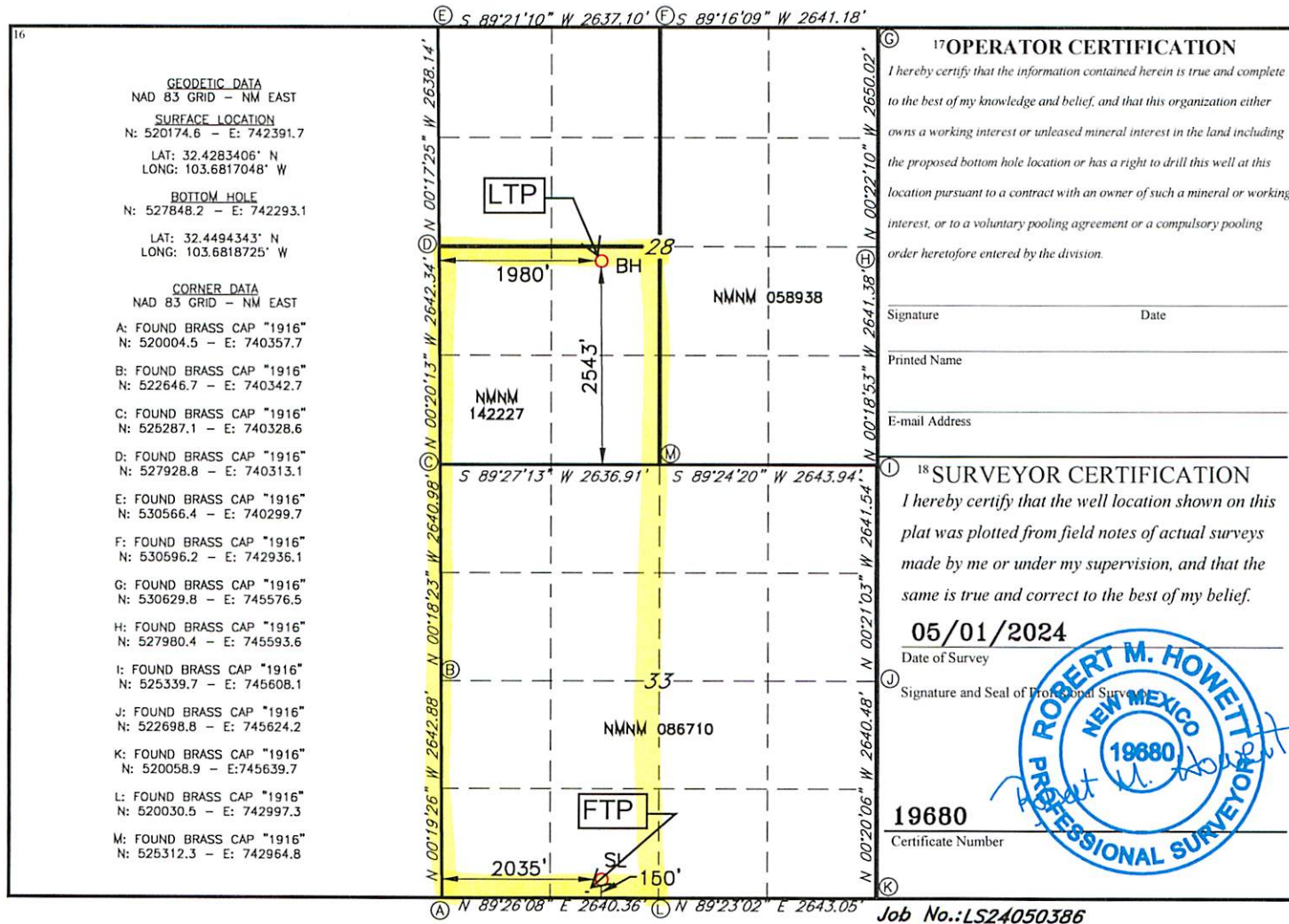
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
N	33	21S	32E		150	SOUTH	2035	WEST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	28	21S	32E		2543	SOUTH	1980	WEST	LEA

<sup>12</sup> Dedicated Acres 480	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



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<sup>7</sup> GRID NO.		<sup>8</sup> Operator Name MEWBOURNE OIL COMPANY			<sup>9</sup> Elevation 3784'

<sup>10</sup> Surface Location

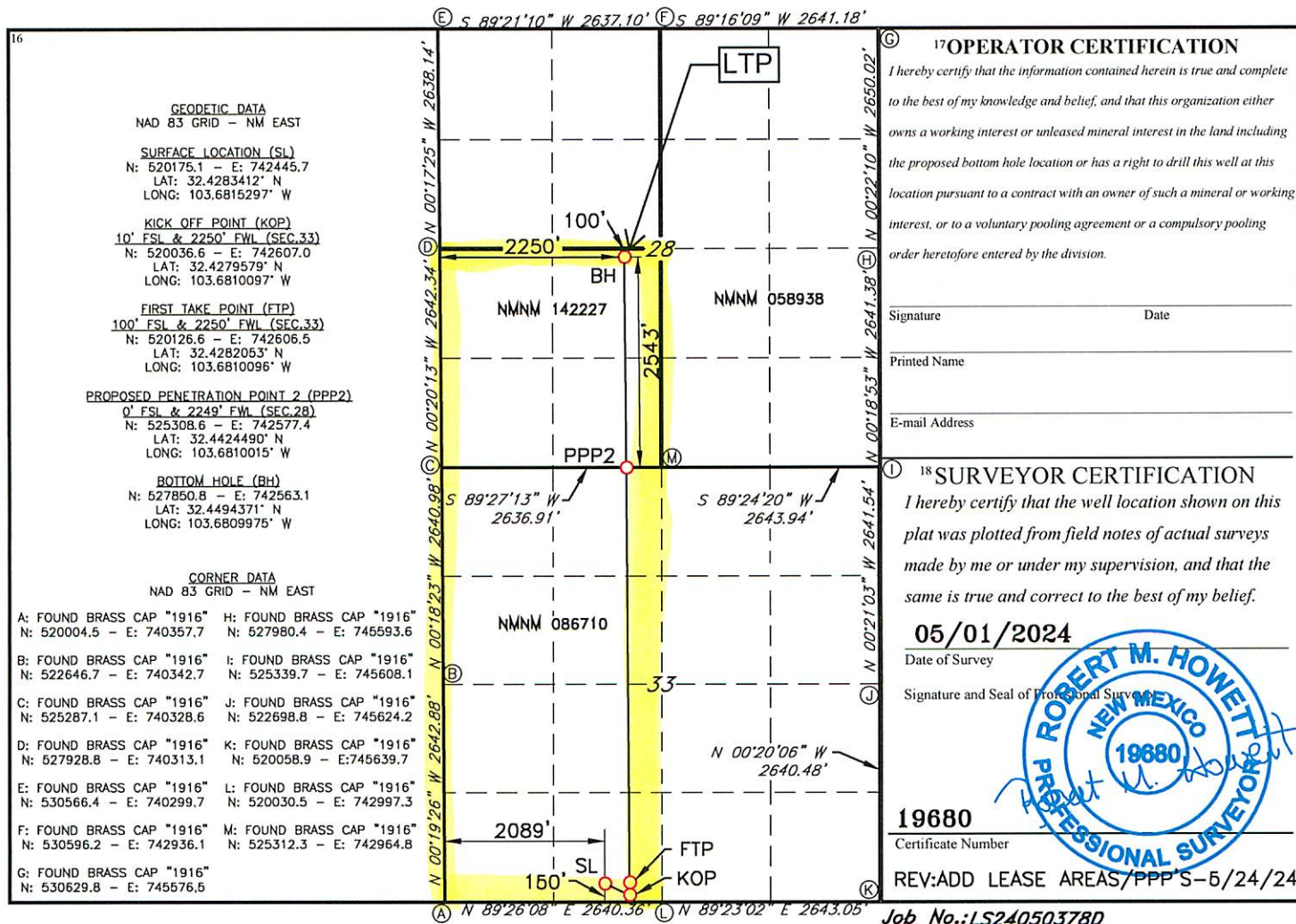
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
N	33	21S	32E		150	SOUTH	2089	WEST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	28	21S	32E		2543	SOUTH	2250	WEST	LEA

<sup>12</sup> Dedicated Acres 480	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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



District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
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Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code 5695	<sup>3</sup> Pool Name Bilbrey Basin; Bone Spring	
<sup>4</sup> Property Code	<sup>5</sup> Property Name LOBO 33/28 FED COM			<sup>6</sup> Well Number 582H
<sup>7</sup> GRID NO.	<sup>8</sup> Operator Name MEWBOURNE OIL COMPANY			<sup>9</sup> Elevation 3786'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
N	33	21S	32E		150	SOUTH	1999	WEST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	28	21S	32E		2543	SOUTH	940	WEST	LEA

<sup>12</sup> Dedicated Acres 480	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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

<sup>16</sup> **GEODETIC DATA**  
NAD 83 GRID - NM EAST

**SURFACE LOCATION**  
N: 520174.2 - E: 742355.7  
LAT: 32.4283402° N  
LONG: 103.6818214° W

**BOTTOM HOLE**  
N: 527838.0 - E: 741253.4  
LAT: 32.4494238° N  
LONG: 103.6852431° W

**CORNER DATA**  
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1916"  
N: 520004.5 - E: 740357.7

B: FOUND BRASS CAP "1916"  
N: 522646.7 - E: 740342.7

C: FOUND BRASS CAP "1916"  
N: 525287.1 - E: 740328.6

D: FOUND BRASS CAP "1916"  
N: 527928.8 - E: 740313.1

E: FOUND BRASS CAP "1916"  
N: 530566.4 - E: 740299.7

F: FOUND BRASS CAP "1916"  
N: 530596.2 - E: 742936.1

G: FOUND BRASS CAP "1916"  
N: 530629.8 - E: 745576.5

H: FOUND BRASS CAP "1916"  
N: 527980.4 - E: 745593.6

I: FOUND BRASS CAP "1916"  
N: 525339.7 - E: 745608.1

J: FOUND BRASS CAP "1916"  
N: 522698.8 - E: 745624.2

K: FOUND BRASS CAP "1916"  
N: 520058.9 - E: 745639.7

L: FOUND BRASS CAP "1916"  
N: 520030.5 - E: 742997.3

M: FOUND BRASS CAP "1916"  
N: 525312.3 - E: 742964.8

⑤ S 89°21'10" W 2637.10' ⑥ S 89°16'09" W 2641.18'

⑦ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

⑧ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

05/01/2024  
Date of Survey

Signature and Seal of Professional Surveyor

**19680**  
Certificate Number

⑨

Job No.: LS24050388

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code 5695		<sup>3</sup> Pool Name Bilbrey Basin; Bone Spring	
<sup>4</sup> Property Code		<sup>5</sup> Property Name LOBO 33/28 FED COM			<sup>6</sup> Well Number 521H
<sup>7</sup> OGRID NO.		<sup>8</sup> Operator Name MEWBOURNE OIL COMPANY			<sup>9</sup> Elevation 3787'

<sup>10</sup> Surface Location

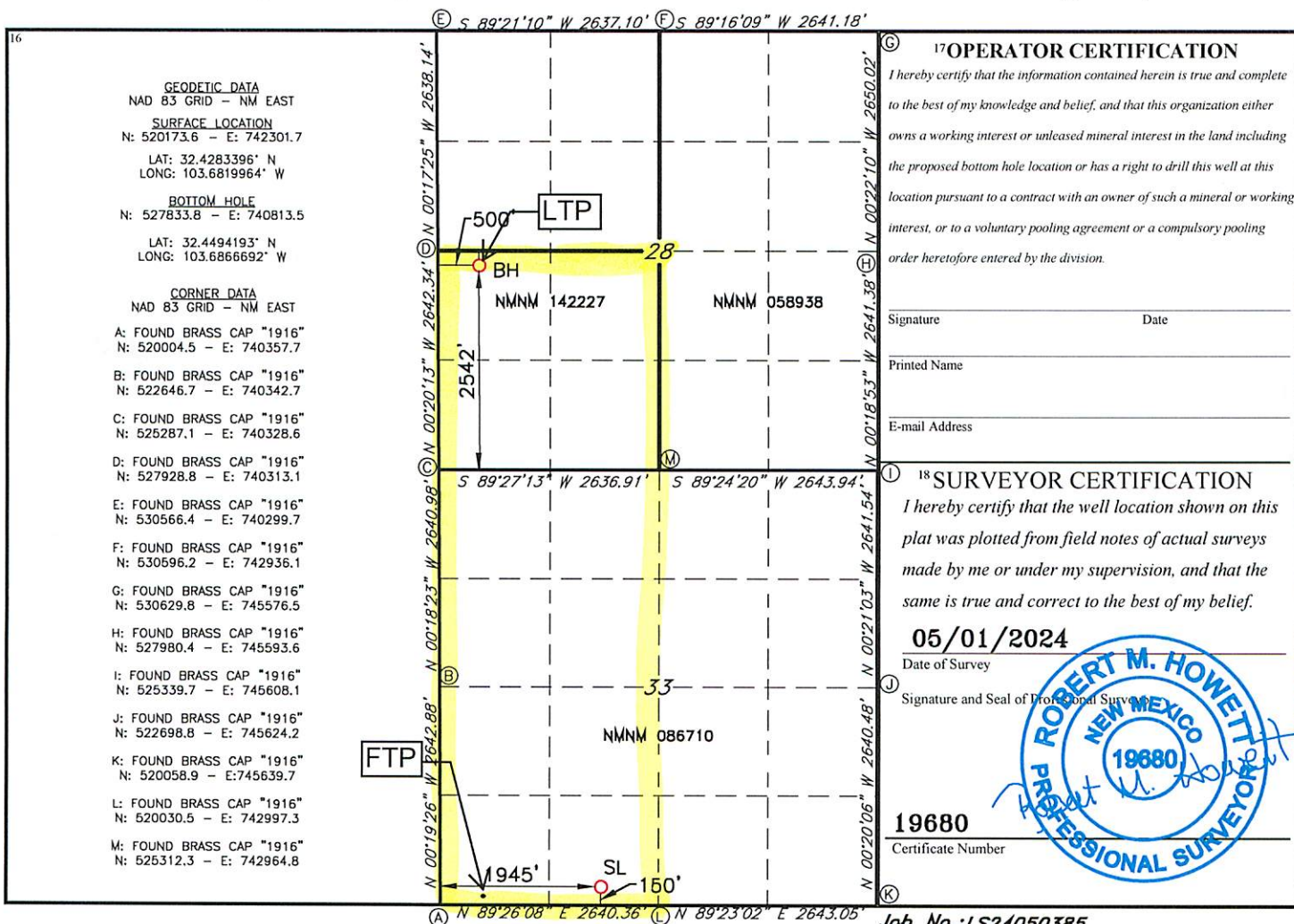
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
N	33	21S	32E		150	SOUTH	1945	WEST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	28	21S	32E		2542	SOUTH	500	WEST	LEA

<sup>12</sup> Dedicated Acres 480	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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<sup>1</sup> API Number		<sup>2</sup> Pool Code 5695	<sup>3</sup> Pool Name Bilbrey Basin; Bone Spring
<sup>4</sup> Property Code	<sup>5</sup> Property Name LOBO 33/28 FED COM		<sup>6</sup> Well Number 402H
<sup>7</sup> GRID NO.	<sup>8</sup> Operator Name MEWBOURNE OIL COMPANY		<sup>9</sup> Elevation 3786'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
N	33	21S	32E		150	SOUTH	1981	WEST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	28	21S	32E		2543	SOUTH	930	WEST	LEA

<sup>12</sup> Dedicated Acres 480	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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<sup>16</sup>

**GEODETTIC DATA**  
NAD 83 GRID - NM EAST  
**SURFACE LOCATION**  
N: 520174.0 - E: 742337.7  
LAT: 32.4283400° N  
LONG: 103.6818798° W  
**BOTTOM HOLE**  
N: 527838.0 - E: 741243.4  
LAT: 32.4494237° N  
LONG: 103.6852756° W  
**CORNER DATA**  
NAD 83 GRID - NM EAST  
A: FOUND BRASS CAP "1916"  
N: 520004.5 - E: 740357.7  
B: FOUND BRASS CAP "1916"  
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N: 525287.1 - E: 740328.6  
D: FOUND BRASS CAP "1916"  
N: 527928.8 - E: 740313.1  
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N: 530629.8 - E: 745576.5  
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N: 527980.4 - E: 745593.6  
I: FOUND BRASS CAP "1916"  
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N: 520058.9 - E: 745639.7  
L: FOUND BRASS CAP "1916"  
N: 520030.5 - E: 742997.3  
M: FOUND BRASS CAP "1916"  
N: 525312.3 - E: 742964.8

E S 89°21'10" W 2637.10' F S 89°16'09" W 2641.18'

S 89°27'13" W 2636.91' S 89°24'20" W 2643.94'

N 00°19'26" W 2642.88' N 00°21'03" W 2641.54' N 00°20'06" W 2640.48' N 00°18'23" W 2640.98' N 00°17'25" W 2638.14' N 00°18'53" W 2641.38' N 00°22'10" W 2650.02'

A N 89°26'08" E 2640.36' L N 89°23'02" E 2643.05'

**<sup>17</sup> OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
E-mail Address \_\_\_\_\_

**<sup>18</sup> SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

**05/01/2024**  
Date of Survey

Signature and Seal of Professional Surveyor \_\_\_\_\_  
**19680**  
Certificate Number

**ROBERT M. HOWETT**  
NEW MEXICO  
1988  
PROFESSIONAL SURVEYOR

**19680**  
Certificate Number

Job No.: LS24050384



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<sup>7</sup> GRID NO.		<sup>8</sup> Operator Name MEWBOURNE OIL COMPANY			<sup>9</sup> Elevation 3786'

<sup>10</sup> Surface Location

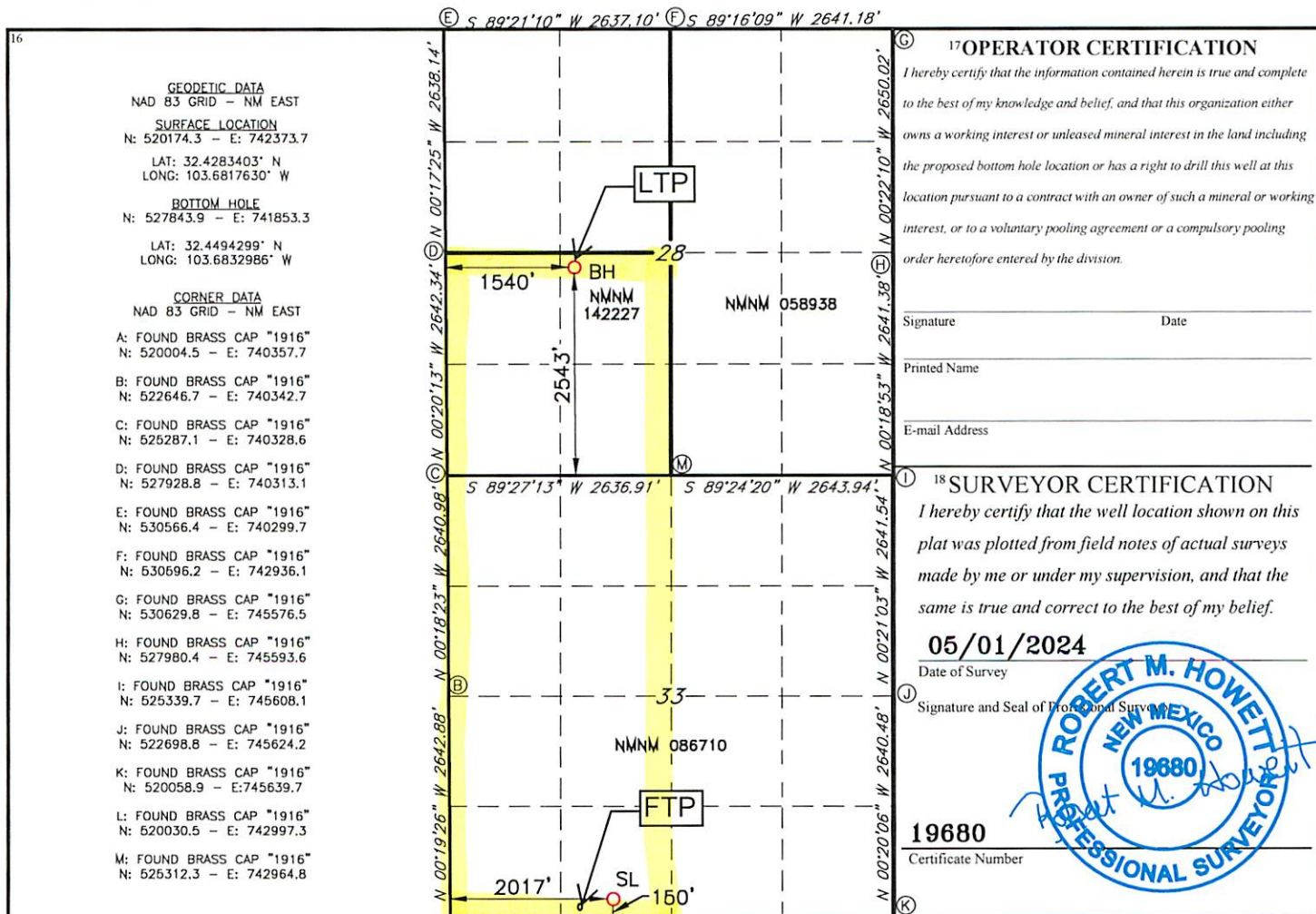
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
N	33	21S	32E		150	SOUTH	2017	WEST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	28	21S	32E		2543	SOUTH	1540	WEST	LEA

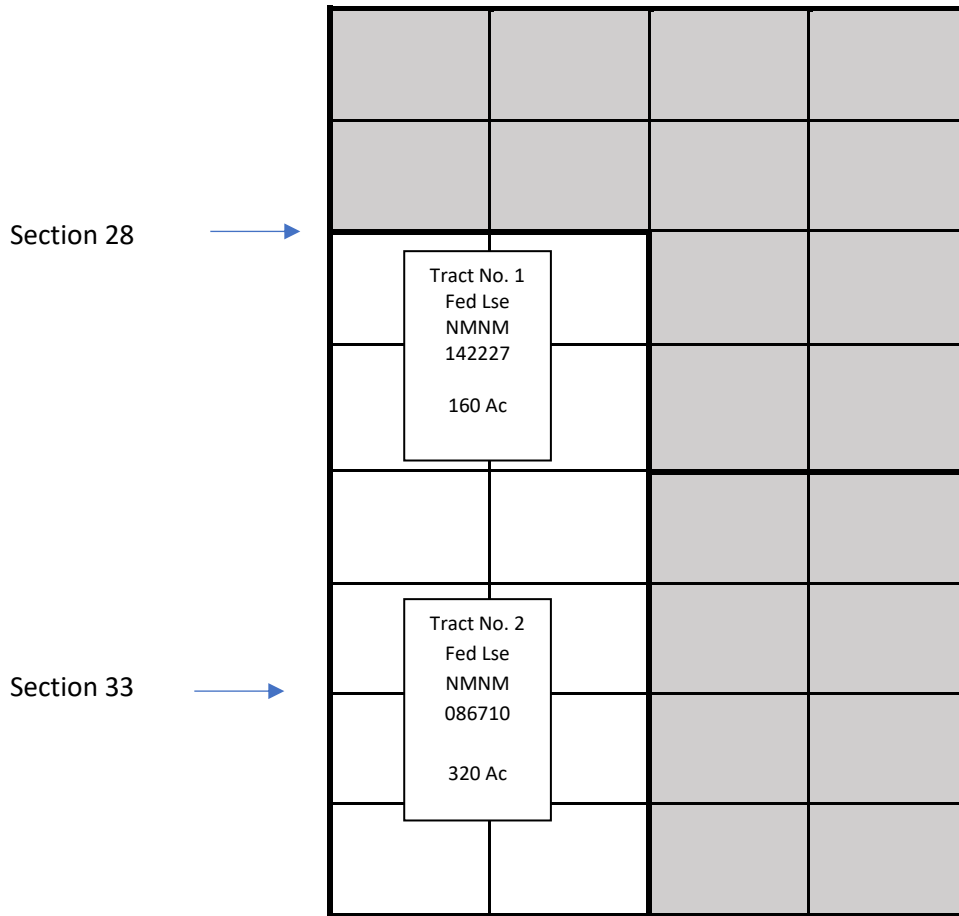
<sup>12</sup> Dedicated Acres 480	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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**Section Plat**

Lobo 33/28 Fed Com #402H (B1ML)                      Lobo 33/28 Fed Com #564H (H3NK)  
 Lobo 33/28 Fed Com #474H (B1NK)                      Lobo 33/28 Fed Com #521H (B2ML)  
 Lobo 33/28 Fed Com #523H (B2NK)                      Lobo 33/28 Fed Com #582H (H3ML)  
    Lobo 33/28 Fed Com #623H (B3NK)  
 SW of Section 28 & W2 of Section 33  
 T21S-R32E, Lea County, NM



**Tract 1: SW of Section 28 – Federal Lse. NMNM 142227**

Mewbourne Oil Company  
 ConocoPhillips Company  
 MRC Permian Company  
 Magnum Hunter Production, Inc.  
 OXY USA, Inc.  
 Fasken Acquisitions '02, Ltd.  
 Foran Oil Company  
 Permian Resources  
 Contango ERA II Sunrise WI LLC  
 128 Holdings, LLC  
 Penroc Oil Corporation  
 Desert Production, Inc.  
 Crescent Conventional LLC

\*Indicates parties being pooled.

**Tract 2: W2 of Section 33 – Federal Lse. NMNM 086710**

Mewbourne Oil Company  
 ConocoPhillips Company  
 MRC Permian Company  
 Magnum Hunter Production, Inc.  
 OXY USA, Inc.  
 Fasken Acquisitions '02, Ltd.  
 Foran Oil Company  
 Permian Resources  
 Contango ERA II Sunrise WI LLC  
 128 Holdings, LLC  
 Penroc Oil Corporation  
 Desert Production, Inc.  
 Crescent Conventional  
 \*BP America Production Company

**Mewbourne Oil Company**  
**Case No. 24655**  
**Exhibit A-3**

**TRACT OWNERSHIP**  
**Lobo 33/28 Fed Com #521H (B2ML)**  
**Lobo 33/28 Fed Com #523H (B2NK)**  
**SW/4 of Section 28 & W/2 of Section 33,**  
**Township 21 South, Range 32 East**  
**Lea County, New Mexico**

**2<sup>nd</sup> Bone Spring Formation only:**

	<b><u>% Leasehold Interest</u></b>
Mewbourne Oil Company 500 West Texas, Ste. 1020 Midland, Texas 79701	34.245107%
ConocoPhillips Company 600 W. Illinois Ave. Midland, Texas 79701	19.497103%
MRC Permian Company 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240	25.000000%
Magnum Hunter Production, Inc. 6001 Deauville Blvd., Ste. 300N Midland, Texas 79706	4.375287%
Foran Oil Company 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240	8.750573%
*BP America Production Company 501 Westlake Park Blvd. Houston, Texas 77079-2696	5.485451%
Fasken Acquisitions 02, Ltd., a Texas Limited Partnership c/o Fasken Management, LLC, its General Partner 6101 Holiday Hill Road Midland, Texas 79707	3.542685%
Permian Resources 300 N. Marienfeld Street, Suite 1000 Midland, Texas 79701	0.938133%

Contango ERA Sunrise II WI LLC 600 Travis Street, Suite 7200 Houston, Texas 77002	0.498643%
128 Holdings, LLC P.O. Box 54584 Oklahoma City, Oklahoma 73154	0.323795%
Crescent Conventional, LLC 600 Travis Street, Suite 7200 Houston, Texas 77002	0.148945%
Penroc Oil Corporation P.O. Box 2769 Hobbs, New Mexico 88241	0.097139%
Desert Production, Inc. P.O. Box 351 Midland, Texas 79702	0.097139%
Total	100.00000%

**\*Total interest being pooled: 5.485451%**

**TRACT OWNERSHIP**  
**Lobo 33/28 Fed Com #402H (B1ML)**  
**Lobo 33/28 Fed Com #474H (B1NK)**  
**Lobo 33/28 Fed Com #564H (H3NK)**  
**Lobo 33/28 Fed Com #582H (H3ML)**  
**Lobo 33/28 Fed Com #623H (B3NK)**  
**SW/4 of Section 28 & W/2 of Section 33,**  
**Township 21 South, Range 32 East**  
**Lea County, New Mexico**

**Bone Spring Formation (save and except 2<sup>nd</sup> Bone Spring Formation):**

	<u>% Leasehold Interest</u>
Mewbourne Oil Company 500 West Texas, Ste. 1020 Midland, Texas 79701	45.672071%
ConocoPhillips Company 600 W. Illinois Ave. Midland, Texas 79701	14.854935%
MRC Permian Company 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240	14.285714%
OXY USA, Inc. 5 Greenway Plaza, Suite 110 Houston, Texas 77046-0521	10.250166%
Magnum Hunter Production, Inc. 6001 Deauville Blvd., Ste. 300N Midland, Texas 79706	2.500164%
Foran Oil Company 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240	5.000328%
*BP America Production Company 501 Westlake Park Blvd. Houston, Texas 77079-2696	3.134543%

Fasken Acquisitions 02, Ltd., a Texas Limited Partnership c/o Fasken Management, LLC, its General Partner 6101 Holiday Hill Road Midland, Texas 79707	2.699189%
Permian Resources 300 N. Marienfeld Street, Suite 1000 Midland, Texas 79701	0.714768%
Contango ERA Sunrise II WI LLC 600 Travis Street, Suite 7200 Houston, Texas 77002	0.379919%
128 Holdings, LLC P.O. Box 54584 Oklahoma City, Oklahoma 73154	0.246701%
Crescent Conventional, LLC 600 Travis Street, Suite 7200 Houston, Texas 77002	0.113482%
Penroc Oil Corporation P.O. Box 2769 Hobbs, New Mexico 88241	0.074010%
Desert Production, Inc. P.O. Box 351 Midland, Texas 79702	0.074010%
Total	100.00000%

**\*Total interest being pooled: 3.134543%**

**MEWBOURNE OIL COMPANY**

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

TELEPHONE (432) 682-3715  
 FACSIMILE (432) 685-4170

May 20, 2024

Via Certified Mail & Email

BP America Production Company  
 501 Westlake Park Blvd.  
 Houston, Texas 77079-2604  
 Attn: Ms. Stephanie Sullivan

Re: Lobo 33/28 wells – 16 new proposals  
 Section 33: All & Section 28: SW & E2  
 T21S, R32E, Lea County, New Mexico

Dear Sir or Madam:

Mewbourne Oil Company hereby proposes to drill the referenced horizontal Bone Spring and Wolfcamp wells. The referenced wells will be drilled as stated below:

<b>West Half Wells (1.5 miles)</b>	<b>East Half Wells (2 miles)</b>
Lobo 33/28 Fed Com #521H (B2ML)	Lobo 33/28 Fed Com #625H (B3OB)
Lobo 33/28 Fed Com #523H (B2NK)	Lobo 33/28 Fed Com #628H (B3PA)
Lobo 33/28 Fed Com #623H (B3NK)	Lobo 33/28 Fed Com #586H (H3OB)
Lobo 33/28 Fed Com #582H (H3ML)	Lobo 33/28 Fed Com #568H (H3PA)
Lobo 33/28 Fed Com #564H (H3NK)	Lobo 33/28 Fed Com #406H (B1OB)
Lobo 33/28 Fed Com #402H (B1ML)	Lobo 33/28 Fed Com #408H (B1PA)
Lobo 33/28 Fed Com #474H (B1NK)	Lobo 33/28 Fed Com #706H (W0OB)
Lobo 33/28 Fed Com #701H (W0ML)	
Lobo 33/28 Fed Com #704H (W0NK)	

Enclosed are Mewbourne’s AFEs for the wells. To make your election to participate in the proposed wells, properly execute and return the AFEs within 30 days of receipt of same. Mewbourne’s AFEs provide all participants the opportunity to opt out of the “Extra Expense Well Control Insurance” that Mewbourne purchases for each well it drills. If you do opt out, you must provide evidence that you have adequate “Well Control Insurance”. ***If you’d like to discuss other options for your interest in this area, please let me know. We are always willing to talk about other options.***

Feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at [asalgado@mewbourne.com](mailto:asalgado@mewbourne.com).

Sincerely,  
**MEWBOURNE OIL COMPANY**



Adriana Salgado

**Mewbourne Oil Company**  
**Case No. 24655**  
**Exhibit A-4**

# MEWBOURNE OIL COMPANY

## AUTHORIZATION FOR EXPENDITURE

<b>Well Name:</b> LOBO 33/28 FED COM #564H (H3NK)		<b>Prospect:</b> LOBO 33	
<b>Location:</b> SL: 150 FSL & 2053 FWL (33); BHL: 2540 FSL & 2260 FWL (28)		<b>County:</b> Lea	<b>ST:</b> NM
<b>Sec.</b> 33	<b>Blk:</b>	<b>Survey:</b>	<b>TWP:</b> 21S
		<b>RNG:</b> 32E	<b>Prop. TVD:</b> 11215
			<b>TMD:</b> 18600

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	\$200,000	0180-0206	\$70,000
Daywork / Turnkey / Footage Drilling 17 days drlg / 3 days comp @ \$28000/d	0180-0110	\$508,400	0180-0210	\$89,700
Fuel 1700 gal/day @ \$3.9/gal	0180-0114	\$120,400	0180-0214	\$156,000
Alternate Fuels	0180-0115		0180-0215	\$83,000
Mud, Chemical & Additives	0180-0120	\$60,000	0180-0220	
Mud - Specialized	0180-0121	\$240,000	0180-0221	
Horizontal Drillout Services			0180-0222	\$150,000
Stimulation Toe Preparation			0180-0223	\$30,200
Cementing	0180-0125	\$135,000	0180-0225	\$55,000
Logging & Wireline Services	0180-0130	\$34,000	0180-0230	\$273,000
Casing / Tubing / Snubbing Services	0180-0134	\$45,000	0180-0234	\$15,000
Mud Logging	0180-0137	\$15,000		
Stimulation 45 Stg 18.7 MM gal / 18.7 MM lb			0180-0241	\$2,090,000
Stimulation Rentals & Other			0180-0242	\$210,000
Water & Other 90% PW @ \$0.05/bbl & 10% FW @ \$1.05/bbl	0180-0145	\$35,000	0180-0245	\$72,000
Bits	0180-0148	\$74,800	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	\$150,000		
Transportation	0180-0165	\$30,000	0180-0265	\$65,000
Welding, Construction & Maint. Services	0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision	0180-0170	\$114,000	0180-0270	\$60,000
Directional Services Includes Vertical Control	0180-0175	\$350,000		
Equipment Rental	0180-0180	\$125,300	0180-0280	\$120,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	
Well / Lease Insurance	0180-0185	\$4,800	0180-0285	
Intangible Supplies	0180-0188	\$7,000	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	\$123,600	0180-0299	\$185,400
<b>TOTAL</b>		<b>\$2,595,300</b>		<b>\$3,893,700</b>

TANGIBLE COSTS 0181	CODE	TCP	CODE	CC
Casing (19.1" - 30")	0181-0793			
Casing (10.1" - 19.0") 790' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft	0181-0794	\$40,400		
Casing (8.1" - 10.0") 4650' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft	0181-0795	\$191,200		
Casing (6.1" - 8.0") 11500' - 7" 29# HPP110 BT&C @ \$34.18/ft	0181-0796	\$419,800		
Casing (4.1" - 6.0") 8050' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft			0181-0797	\$167,100
Tubing 10500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.5/ft			0181-0798	\$117,700
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			0181-0880	\$25,000
Service Pumps (1/16) TP/CP/Circ pump			0181-0886	\$5,000
Storage Tanks (1/16) (12)OT/(8)WT/(2)GB			0181-0890	\$45,000
Emissions Control Equipment (1/16) (8)VRT/(3)VRU/(1)FLARE/(3)KO/(1)AIR			0181-0892	\$54,000
Separation / Treating Equipment (1/16) (2)BULK H SEP/(6)TEST H SEP 500#/(2)V SEP 500#/(6)METERING			0181-0895	\$43,000
Automation Metering Equipment			0181-0898	\$47,000
Oil/Gas Pipeline-Pipe/Valves&Misc			0181-0900	\$11,000
Water Pipeline-Pipe/Valves & Misc			0181-0901	\$29,000
On-site Valves/Fittings/Lines&Misc			0181-0906	\$63,000
Wellhead Flowlines - Construction			0181-0907	\$102,000
Cathodic Protection			0181-0908	
Electrical Installation			0181-0909	\$126,000
Equipment Installation			0181-0910	\$32,000
Oil/Gas Pipeline - Construction			0181-0920	\$11,000
Water Pipeline - Construction			0181-0921	\$35,000
<b>TOTAL</b>		<b>\$701,400</b>		<b>\$1,017,800</b>

<b>SUBTOTAL</b>		<b>\$3,296,700</b>		<b>\$4,911,500</b>
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<b>TOTAL WELL COST</b>		<b>\$8,208,200</b>		
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Insurance procured for the Joint Account by Operator

**Opt-in.** I elect to be covered by Operator's Extra Expense, Commercial General Liability, Pollution Legal Liability, and Excess/Umbrella Insurance Policies, and will pay my proportionate share of the premiums associated with these insurance coverages through joint account billings.

**Opt-out.** I elect to purchase my own policies for well control and other insurance requirements, or to self-insure (if applicable). By opting-out, I recognize I will be responsible for my own coverage and will not be afforded protection under operator's policies.

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

Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions.

Prepared by: <u>Ryan McDaniel</u>	Date: <u>5/15/2024</u>
Company Approval: <u><i>M. Whittier</i></u>	Date: <u>5/16/2024</u>

Joint Owner Interest: <u>3.13454300%</u> Amount: <u>\$257,289.56</u>	Signature: _____
Joint Owner Name: <u>BP AMERICA PRODUCTION COMPANY</u>	



### MEWBOURNE OIL COMPANY AUTHORIZATION FOR EXPENDITURE

<b>Well Name:</b> LOBO 33/28 FED COM #523H (B2NK)		<b>Prospect:</b> LOBO 33	
<b>Location:</b> SL: 150 FSL & 2035 FWL (33); BHL: 2540 FSL & 1980 FWL (28)		<b>County:</b> Lea	<b>ST:</b> NM
<b>Sec.</b> 33	<b>Blk:</b>	<b>Survey:</b>	<b>TWP:</b> 21S
		<b>RNG:</b> 32E	<b>Prop. TVD:</b> 10695
			<b>TMD:</b> 18300

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	\$200,000	0180-0206	\$70,000
Daywork / Turnkey / Footage Drilling 15 days drlg / 3 days comp @ \$28000/d	0180-0110	\$448,600	0180-0210	\$89,700
Fuel 1700 gal/day @ \$3.9/gal	0180-0114	\$106,200	0180-0214	\$125,000
Alternate Fuels	0180-0115		0180-0215	\$66,000
Mud, Chemical & Additives	0180-0120	\$55,000	0180-0220	
Mud - Specialized	0180-0121	\$240,000	0180-0221	
Horizontal Drillout Services			0180-0222	\$150,000
Stimulation Toe Preparation			0180-0223	\$30,200
Cementing	0180-0125	\$130,000	0180-0225	\$55,000
Logging & Wireline Services	0180-0130	\$34,000	0180-0230	\$226,000
Casing / Tubing / Snubbing Services	0180-0134	\$40,000	0180-0234	\$15,000
Mud Logging	0180-0137	\$15,000		
Stimulation 37 Stg 14.9 MM gal / 14.9 MM lb			0180-0241	\$1,658,000
Stimulation Rentals & Other			0180-0242	\$181,000
Water & Other 90% PW @ \$0.05/bbl & 10% FW @ \$1.05/bbl	0180-0145	\$35,000	0180-0245	\$57,000
Bits	0180-0148	\$74,800	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	\$150,000		
Transportation	0180-0165	\$30,000	0180-0265	\$65,000
Welding, Construction & Maint. Services	0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision	0180-0170	\$102,600	0180-0270	\$50,000
Directional Services Includes Vertical Control	0180-0175	\$350,000		
Equipment Rental	0180-0180	\$114,400	0180-0280	\$120,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	
Well / Lease Insurance	0180-0185	\$4,700	0180-0285	
Intangible Supplies	0180-0188	\$7,000	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	\$64,800	0180-0295	\$28,800
Overhead Fixed Rate	0180-0196	\$10,000	0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)	0180-0199	\$117,700	0180-0299	\$156,200
<b>TOTAL</b>		<b>\$2,470,800</b>		<b>\$3,279,900</b>

TANGIBLE COSTS 0181	CODE	TCP	CODE	CC
Casing (19.1" - 30")	0181-0793			
Casing (10.1" - 19.0") 790' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft	0181-0794	\$40,400		
Casing (8.1" - 10.0") 4650' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft	0181-0795	\$191,200		
Casing (6.1" - 8.0") 11000' - 7" 29# HPP110 BT&C @ \$34.18/ft	0181-0796	\$401,500		
Casing (4.1" - 6.0") 8050' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft			0181-0797	\$167,100
Tubing 10200' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.5/ft			0181-0798	\$114,400
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			0181-0880	\$25,000
Service Pumps (1/16) TP/CP/Circ pump			0181-0886	\$5,000
Storage Tanks (1/16) (12)OT/(8)WT/(2)GB			0181-0890	\$45,000
Emissions Control Equipment (1/16) (8)VRT/(3)VRU/(1)FLARE/(3)KO/(1)AIR			0181-0892	\$54,000
Separation / Treating Equipment (1/16) (2)BULK H SEP/(6)TEST H SEP 500#/(2)V SEP 500#/(6)			0181-0895	\$43,000
Automation Metering Equipment			0181-0898	\$47,000
Oil/Gas Pipeline-Pipe/Valves&Misc			0181-0900	\$11,000
Water Pipeline-Pipe/Valves & Misc			0181-0901	\$29,000
On-site Valves/Fittings/Lines&Misc			0181-0906	\$63,000
Wellhead Flowlines - Construction			0181-0907	\$102,000
Cathodic Protection			0181-0908	
Electrical Installation			0181-0909	\$126,000
Equipment Installation			0181-0910	\$32,000
Oil/Gas Pipeline - Construction			0181-0920	\$11,000
Water Pipeline - Construction			0181-0921	\$35,000
<b>TOTAL</b>		<b>\$683,100</b>		<b>\$1,014,500</b>
<b>SUBTOTAL</b>		<b>\$3,153,900</b>		<b>\$4,294,400</b>

<b>TOTAL WELL COST</b>	<b>\$7,448,300</b>
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Insurance procured for the Joint Account by Operator

**Opt-in.** I elect to be covered by Operator's Extra Expense, Commercial General Liability, Pollution Legal Liability, and Excess/Umbrella Insurance Policies, and will pay my proportionate share of the premiums associated with these insurance coverages through joint account billings.

**Opt-out.** I elect to purchase my own policies for well control and other insurance requirements, or to self-insure (if applicable). By opting-out, I recognize I will be responsible for my own coverage and will not be afforded protection under operator's policies.

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

Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions.

Prepared by: <u>Ryan McDaniel</u>	Date: <u>5/16/2024</u>
Company Approval: <u><i>M. Whittier</i></u>	Date: <u>5/16/2024</u>

Joint Owner Interest: <u>5.48545100%</u> Amount: <u>\$408,572.85</u>	Signature: _____
Joint Owner Name: <u>BP AMERICA PRODUCTION COMPANY</u>	

### MEWBOURNE OIL COMPANY

#### AUTHORIZATION FOR EXPENDITURE

<b>Well Name:</b> LOBO 33/28 FED COM #474H (B1NK)		<b>Prospect:</b> LOBO 33	
<b>Location:</b> SL: 150 FSL & 2089 FEL (33); BHL: 2540 FSL & 2250 FWL (28)		<b>County:</b> Lea <b>ST:</b> NM	
<b>Sec.</b> 33	<b>Blk:</b>	<b>Survey:</b>	<b>TWP:</b> 21S <b>RNG:</b> 32E <b>Prop. TVD:</b> 10136 <b>TMD:</b> 17650

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	\$200,000	0180-0206	\$70,000
Daywork / Turnkey / Footage Drilling	15 days drlg / 3 days comp @ \$28000/d	0180-0110	\$448,600	0180-0210	\$89,700
Fuel	1700 gal/day @ \$3.9/gal	0180-0114	\$106,200	0180-0214	\$125,000
Alternate Fuels		0180-0115		0180-0215	\$66,000
Mud, Chemical & Additives		0180-0120	\$40,000	0180-0220	
Mud - Specialized		0180-0121	\$230,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$150,000
Stimulation Toe Preparation				0180-0223	\$30,200
Cementing		0180-0125	\$140,000	0180-0225	\$60,000
Logging & Wireline Services		0180-0130	\$34,000	0180-0230	\$226,000
Casing / Tubing / Snubbing Services		0180-0134	\$45,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$15,000		
Stimulation	37 Stg 14.9 MM gal / 14.9 MM lb			0180-0241	\$1,661,000
Stimulation Rentals & Other				0180-0242	\$182,000
Water & Other	90% PW @ \$0.05/bbl & 10% FW @ \$1.05/bbl	0180-0145	\$35,000	0180-0245	\$57,000
Bits		0180-0148	\$53,400	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	\$150,000		
Transportation		0180-0165	\$30,000	0180-0265	\$65,000
Welding, Construction & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$102,600	0180-0270	\$50,000
Directional Services	Includes Vertical Control	0180-0175	\$350,000		
Equipment Rental		0180-0180	\$114,400	0180-0280	\$120,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$4,600	0180-0285	
Intangible Supplies		0180-0188	\$7,000	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	\$64,800	0180-0295	\$28,800
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$116,100	0180-0299	\$156,600
<b>TOTAL</b>			<b>\$2,437,700</b>		<b>\$3,289,300</b>

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	790' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft	0181-0794	\$40,400		
Casing (8.1" - 10.0")	4650' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft	0181-0795	\$191,200		
Casing (6.1" - 8.0")	9600' - 7" 29# HPP110 BT&C @ \$34.18/ft	0181-0796	\$350,400		
Casing (4.1" - 6.0")	8250' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft			0181-0797	\$171,300
Tubing	9350' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.5/ft			0181-0798	\$104,900
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				0181-0880	\$25,000
Service Pumps	(1/16) TP/CP/Circ pump			0181-0886	\$5,000
Storage Tanks	(1/16) (12)OT/(8)WT/(2)GB			0181-0890	\$45,000
Emissions Control Equipment	(1/16) (8)VRT/(3)VRU/(1)FLARE/(3)KO/(1)AIR			0181-0892	\$54,000
Separation / Treating Equipment	(1/16) (2)BULK H SEP/(6)TEST H SEP 500#/(2)V SEP 500#/(6)			0181-0895	\$43,000
Automation Metering Equipment				0181-0898	\$47,000
Oil/Gas Pipeline-Pipe/Valves&Misc				0181-0900	\$11,000
Water Pipeline-Pipe/Valves & Misc				0181-0901	\$29,000
On-site Valves/Fittings/Lines&Misc				0181-0906	\$63,000
Wellhead Flowlines - Construction				0181-0907	\$102,000
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$126,000
Equipment Installation				0181-0910	\$32,000
Oil/Gas Pipeline - Construction				0181-0920	\$11,000
Water Pipeline - Construction				0181-0921	\$35,000
<b>TOTAL</b>			<b>\$632,000</b>		<b>\$1,009,200</b>
<b>SUBTOTAL</b>			<b>\$3,069,700</b>		<b>\$4,298,500</b>

<b>TOTAL WELL COST</b>		<b>\$7,368,200</b>	
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Insurance procured for the Joint Account by Operator

**Opt-in.** I elect to be covered by Operator's Extra Expense, Commercial General Liability, Pollution Legal Liability, and Excess/Umbrella Insurance Policies, and will pay my proportionate share of the premiums associated with these insurance coverages through joint account billings.

**Opt-out.** I elect to purchase my own policies for well control and other insurance requirements, or to self-insure (if applicable). By opting-out, I recognize I will be responsible for my own coverage and will not be afforded protection under operator's policies.

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

Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions.

Prepared by: <u>Ryan McDaniel</u>	Date: <u>5/16/2024</u>
Company Approval: <u><i>M. Whittier</i></u>	Date: <u>5/16/2024</u>

Joint Owner Interest: <u>3.13454300%</u> Amount: <u>\$230,959.40</u>	Signature: _____
Joint Owner Name: <u>BP AMERICA PRODUCTION COMPANY</u>	

### MEWBOURNE OIL COMPANY AUTHORIZATION FOR EXPENDITURE

<b>Well Name:</b> LOBO 33/28 FED COM #582H (H3ML)		<b>Prospect:</b> LOBO 33	
<b>Location:</b> SL: 150 FSL & 1999 FWL (33); BHL: 2540 FSL & 940 FWL (28)		<b>County:</b> Lea	<b>ST:</b> NM
<b>Sec.</b> 33	<b>Blk:</b>	<b>Survey:</b>	<b>TWP:</b> 21S
		<b>RNG:</b> 32E	<b>Prop. TVD:</b> 11215
			<b>TMD:</b> 18600

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	\$200,000	0180-0206	\$70,000
Daywork / Turnkey / Footage Drilling 17 days drlg / 3 days comp @ \$28000/d	0180-0110	\$508,400	0180-0210	\$89,700
Fuel 1700 gal/day @ \$3.9/gal	0180-0114	\$120,400	0180-0214	\$156,000
Alternate Fuels	0180-0115		0180-0215	\$83,000
Mud, Chemical & Additives	0180-0120	\$60,000	0180-0220	
Mud - Specialized	0180-0121	\$240,000	0180-0221	
Horizontal Drillout Services			0180-0222	\$150,000
Stimulation Toe Preparation			0180-0223	\$30,200
Cementing	0180-0125	\$135,000	0180-0225	\$55,000
Logging & Wireline Services	0180-0130	\$34,000	0180-0230	\$273,000
Casing / Tubing / Snubbing Services	0180-0134	\$45,000	0180-0234	\$15,000
Mud Logging	0180-0137	\$15,000		
Stimulation 45 Stg 18.7 MM gal / 18.7 MM lb			0180-0241	\$2,090,000
Stimulation Rentals & Other			0180-0242	\$210,000
Water & Other 90% PW @ \$0.05/bbl & 10% FW @ \$1.05/bbl	0180-0145	\$35,000	0180-0245	\$72,000
Bits	0180-0148	\$74,800	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	\$150,000		
Transportation	0180-0165	\$30,000	0180-0265	\$65,000
Welding, Construction & Maint. Services	0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision	0180-0170	\$114,000	0180-0270	\$60,000
Directional Services Includes Vertical Control	0180-0175	\$350,000		
Equipment Rental	0180-0180	\$125,300	0180-0280	\$120,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	
Well / Lease Insurance	0180-0185	\$4,800	0180-0285	
Intangible Supplies	0180-0188	\$7,000	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	\$123,600	0180-0299	\$185,400
<b>TOTAL</b>		<b>\$2,595,300</b>		<b>\$3,893,700</b>

TANGIBLE COSTS 0181	CODE	TCP	CODE	CC
Casing (19.1" - 30")	0181-0793			
Casing (10.1" - 19.0") 790' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft	0181-0794	\$40,400		
Casing (8.1" - 10.0") 4650' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft	0181-0795	\$191,200		
Casing (6.1" - 8.0") 11500' - 7" 29# HPP110 BT&C @ \$34.18/ft	0181-0796	\$419,800		
Casing (4.1" - 6.0") 8050' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft			0181-0797	\$167,100
Tubing 10500' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.5/ft			0181-0798	\$117,700
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			0181-0880	\$25,000
Service Pumps (1/16) TP/CP/Circ pump			0181-0886	\$5,000
Storage Tanks (1/16) (12)OT/(8)WT/(2)GB			0181-0890	\$45,000
Emissions Control Equipment (1/16) (8)VRT/(3)VRU/(1)FLARE/(3)KO/(1)AIR			0181-0892	\$54,000
Separation / Treating Equipment (1/16) (2)BULK H SEP/(6)TEST H SEP 500#/(2)V SEP 500#/(6)			0181-0895	\$43,000
Automation Metering Equipment			0181-0898	\$47,000
Oil/Gas Pipeline-Pipe/Valves&Misc			0181-0900	\$11,000
Water Pipeline-Pipe/Valves & Misc			0181-0901	\$29,000
On-site Valves/Fittings/Lines&Misc			0181-0906	\$63,000
Wellhead Flowlines - Construction			0181-0907	\$102,000
Cathodic Protection			0181-0908	
Electrical Installation			0181-0909	\$126,000
Equipment Installation			0181-0910	\$32,000
Oil/Gas Pipeline - Construction			0181-0920	\$11,000
Water Pipeline - Construction			0181-0921	\$35,000
<b>TOTAL</b>		<b>\$701,400</b>		<b>\$1,017,800</b>

<b>SUBTOTAL</b>		<b>\$3,296,700</b>		<b>\$4,911,500</b>
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<b>TOTAL WELL COST</b>		<b>\$8,208,200</b>		
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Insurance procured for the Joint Account by Operator

**Opt-in.** I elect to be covered by Operator's Extra Expense, Commercial General Liability, Pollution Legal Liability, and Excess/Umbrella Insurance Policies, and will pay my proportionate share of the premiums associated with these insurance coverages through joint account billings.

**Opt-out.** I elect to purchase my own policies for well control and other insurance requirements, or to self-insure (if applicable). By opting-out, I recognize I will be responsible for my own coverage and will not be afforded protection under operator's policies.

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

Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions.

Prepared by: <u>Ryan McDaniel</u>	Date: <u>5/15/2024</u>
Company Approval: <u><i>M. Whittier</i></u>	Date: <u>5/16/2024</u>

Joint Owner Interest: <u>3.13454300%</u> Amount: <u>\$257,289.56</u>	Signature: _____
Joint Owner Name: <u>BP AMERICA PRODUCTION COMPANY</u>	

### MEWBOURNE OIL COMPANY AUTHORIZATION FOR EXPENDITURE

<b>Well Name:</b> LOBO 33/28 FED COM #521H (B2ML)		<b>Prospect:</b> LOBO 33	
<b>Location:</b> SL: 150 FSL & 1945 FWL (33); BHL: 2540 FSL & 500 FWL (28)		<b>County:</b> Lea	<b>ST:</b> NM
<b>Sec.</b> 33	<b>Blk:</b>	<b>Survey:</b>	<b>TWP:</b> 21S
		<b>RNG:</b> 32E	<b>Prop. TVD:</b> 10695
			<b>TMD:</b> 18300

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	\$200,000	0180-0206	\$70,000
Daywork / Turnkey / Footage Drilling 15 days drlg / 3 days comp @ \$28000/d	0180-0110	\$448,600	0180-0210	\$89,700
Fuel 1700 gal/day @ \$3.9/gal	0180-0114	\$106,200	0180-0214	\$125,000
Alternate Fuels	0180-0115		0180-0215	\$66,000
Mud, Chemical & Additives	0180-0120	\$55,000	0180-0220	
Mud - Specialized	0180-0121	\$240,000	0180-0221	
Horizontal Drillout Services			0180-0222	\$150,000
Stimulation Toe Preparation			0180-0223	\$30,200
Cementing	0180-0125	\$130,000	0180-0225	\$55,000
Logging & Wireline Services	0180-0130	\$34,000	0180-0230	\$226,000
Casing / Tubing / Snubbing Services	0180-0134	\$40,000	0180-0234	\$15,000
Mud Logging	0180-0137	\$15,000		
Stimulation 37 Stg 14.9 MM gal / 14.9 MM lb			0180-0241	\$1,658,000
Stimulation Rentals & Other			0180-0242	\$181,000
Water & Other 90% PW @ \$0.05/bbl & 10% FW @ \$1.05/bbl	0180-0145	\$35,000	0180-0245	\$57,000
Bits	0180-0148	\$74,800	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	\$150,000		
Transportation	0180-0165	\$30,000	0180-0265	\$65,000
Welding, Construction & Maint. Services	0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision	0180-0170	\$102,600	0180-0270	\$50,000
Directional Services Includes Vertical Control	0180-0175	\$350,000		
Equipment Rental	0180-0180	\$114,400	0180-0280	\$120,000
Well / Lease Legal	0180-0184	\$5,000	0180-0284	
Well / Lease Insurance	0180-0185	\$4,700	0180-0285	
Intangible Supplies	0180-0188	\$7,000	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	\$64,800	0180-0295	\$28,800
Overhead Fixed Rate	0180-0196	\$10,000	0180-0296	\$20,000
Contingencies 5% (TCP) 5% (CC)	0180-0199	\$117,700	0180-0299	\$156,200
<b>TOTAL</b>		<b>\$2,470,800</b>		<b>\$3,279,900</b>

TANGIBLE COSTS 0181	CODE	TCP	CODE	CC
Casing (19.1" - 30")	0181-0793			
Casing (10.1" - 19.0") 790' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft	0181-0794	\$40,400		
Casing (8.1" - 10.0") 4650' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft	0181-0795	\$191,200		
Casing (6.1" - 8.0") 11000' - 7" 29# HPP110 BT&C @ \$34.18/ft	0181-0796	\$401,500		
Casing (4.1" - 6.0") 8050' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft			0181-0797	\$167,100
Tubing 10200' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.5/ft			0181-0798	\$114,400
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			0181-0880	\$25,000
Service Pumps (1/16) TP/CP/Circ pump			0181-0886	\$5,000
Storage Tanks (1/16) (12)OT/(8)WT/(2)GB			0181-0890	\$45,000
Emissions Control Equipment (1/16) (8)VRT/(3)VRU/(1)FLARE/(3)KO/(1)AIR			0181-0892	\$54,000
Separation / Treating Equipment (1/16) (2)BULK H SEP/(6)TEST H SEP 500#/(2)V SEP 500#/(6)			0181-0895	\$43,000
Automation Metering Equipment			0181-0898	\$47,000
Oil/Gas Pipeline-Pipe/Valves&Misc			0181-0900	\$11,000
Water Pipeline-Pipe/Valves & Misc			0181-0901	\$29,000
On-site Valves/Fittings/Lines&Misc			0181-0906	\$63,000
Wellhead Flowlines - Construction			0181-0907	\$102,000
Cathodic Protection			0181-0908	
Electrical Installation			0181-0909	\$126,000
Equipment Installation			0181-0910	\$32,000
Oil/Gas Pipeline - Construction			0181-0920	\$11,000
Water Pipeline - Construction			0181-0921	\$35,000
<b>TOTAL</b>		<b>\$683,100</b>		<b>\$1,014,500</b>

<b>SUBTOTAL</b>	<b>\$3,153,900</b>	<b>\$4,294,400</b>
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<b>TOTAL WELL COST</b>	<b>\$7,448,300</b>
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Insurance procured for the Joint Account by Operator

**Opt-in.** I elect to be covered by Operator's Extra Expense, Commercial General Liability, Pollution Legal Liability, and Excess/Umbrella Insurance Policies, and will pay my proportionate share of the premiums associated with these insurance coverages through joint account billings.

**Opt-out.** I elect to purchase my own policies for well control and other insurance requirements, or to self-insure (if applicable). By opting-out, I recognize I will be responsible for my own coverage and will not be afforded protection under operator's policies.

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

Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions.

Prepared by: <u>Ryan McDaniel</u>	Date: <u>5/16/2024</u>
Company Approval: <u><i>M. Whittier</i></u>	Date: <u>5/16/2024</u>

Joint Owner Interest: <u>5.48545100%</u> Amount: <u>\$408,572.85</u>	Signature: _____
Joint Owner Name: <u>BP AMERICA PRODUCTION COMPANY</u>	

### MEWBOURNE OIL COMPANY AUTHORIZATION FOR EXPENDITURE

<b>Well Name:</b> <span style="border: 1px solid black; padding: 2px;">LOBO 33/28 FED COM #402H (B1ML)</span>		<b>Prospect:</b> <span style="border: 1px solid black; padding: 2px;">LOBO 33</span>	
<b>Location:</b> <span style="border: 1px solid black; padding: 2px;">SL: 150 FSL &amp; 1981 FWL (33); BHL: 2540 FSL &amp; 930 FWL (28)</span>		<b>County:</b> <span style="border: 1px solid black; padding: 2px;">Lea</span> <b>ST:</b> <span style="border: 1px solid black; padding: 2px;">NM</span>	
<b>Sec.</b> <span style="border: 1px solid black; padding: 2px;">33</span>	<b>Blk:</b> <span style="border: 1px solid black; padding: 2px;"></span>	<b>Survey:</b> <span style="border: 1px solid black; padding: 2px;"></span>	<b>TWP:</b> <span style="border: 1px solid black; padding: 2px;">21S</span> <b>RNG:</b> <span style="border: 1px solid black; padding: 2px;">32E</span> <b>Prop. TVD:</b> <span style="border: 1px solid black; padding: 2px;">9876</span> <b>TMD:</b> <span style="border: 1px solid black; padding: 2px;">17650</span>

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	\$200,000	0180-0206	\$70,000	
Daywork / Turnkey / Footage Drilling	15 days drlg / 3 days comp @ \$28000/d	0180-0110	\$448,600	0180-0210	\$89,700
Fuel	1700 gal/day @ \$3.9/gal	0180-0114	\$106,200	0180-0214	\$125,000
Alternate Fuels		0180-0115		0180-0215	\$66,000
Mud, Chemical & Additives		0180-0120	\$55,000	0180-0220	
Mud - Specialized		0180-0121	\$240,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$150,000
Stimulation Toe Preparation				0180-0223	\$30,200
Cementing		0180-0125	\$130,000	0180-0225	\$55,000
Logging & Wireline Services		0180-0130	\$34,000	0180-0230	\$226,000
Casing / Tubing / Snubbing Services		0180-0134	\$40,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$15,000		
Stimulation	37 Stg 14.9 MM gal / 14.9 MM lb			0180-0241	\$1,658,000
Stimulation Rentals & Other				0180-0242	\$182,000
Water & Other	90% PW @ \$0.05/bbl & 10% FW @ \$1.05/bbl	0180-0145	\$35,000	0180-0245	\$57,000
Bits		0180-0148	\$74,800	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	\$150,000		
Transportation		0180-0165	\$30,000	0180-0265	\$65,000
Welding, Construction & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$102,600	0180-0270	\$50,000
Directional Services	Includes Vertical Control	0180-0175	\$350,000		
Equipment Rental		0180-0180	\$114,400	0180-0280	\$120,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$4,600	0180-0285	
Intangible Supplies		0180-0188	\$7,000	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	\$64,800	0180-0295	\$28,800
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$117,600	0180-0299	\$156,200
<b>TOTAL</b>			<b>\$2,470,600</b>		<b>\$3,280,900</b>

TANGIBLE COSTS 0181	CODE	TCP	CODE	CC	
Casing (19.1" - 30")	0181-0793				
Casing (10.1" - 19.0")	790' - 13 3/8" 54.5# J-55 ST&C @ \$47.92/ft	0181-0794	\$40,400		
Casing (8.1" - 10.0")	4650' - 9 5/8" 40# HCL80 LT&C @ \$38.51/ft	0181-0795	\$191,200		
Casing (6.1" - 8.0")	10400' - 7" 29# HPP110 BT&C @ \$34.18/ft	0181-0796	\$379,600		
Casing (4.1" - 6.0")	8150' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$19.44/ft			0181-0797	\$169,200
Tubing	9450' - 2 7/8" 6.5# L-80 IPC Tbg @ \$10.5/ft			0181-0798	\$106,000
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				0181-0880	\$25,000
Service Pumps	(1/16) TP/CP/Circ pump			0181-0886	\$5,000
Storage Tanks	(1/16) (12)OT/(8)WT/(2)GB			0181-0890	\$45,000
Emissions Control Equipment	(1/16) (8)VRT/(3)VRU/(1)FLARE/(3)KO/(1)AIR			0181-0892	\$54,000
Separation / Treating Equipment	(1/16) (2)BULK H SEP/(6)TEST H SEP 500#/(2)V SEP 500#/(6)			0181-0895	\$43,000
Automation Metering Equipment				0181-0898	\$47,000
Oil/Gas Pipeline-Pipe/Valves&Misc				0181-0900	\$11,000
Water Pipeline-Pipe/Valves & Misc				0181-0901	\$29,000
On-site Valves/Fittings/Lines&Misc				0181-0906	\$63,000
Wellhead Flowlines - Construction				0181-0907	\$102,000
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$126,000
Equipment Installation				0181-0910	\$32,000
Oil/Gas Pipeline - Construction				0181-0920	\$11,000
Water Pipeline - Construction				0181-0921	\$35,000
<b>TOTAL</b>			<b>\$661,200</b>		<b>\$1,008,200</b>
<b>SUBTOTAL</b>			<b>\$3,131,800</b>		<b>\$4,289,100</b>

	<b>TOTAL WELL COST</b>	<b>\$7,420,900</b>
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Insurance procured for the Joint Account by Operator

**Opt-in.** I elect to be covered by Operator's Extra Expense, Commercial General Liability, Pollution Legal Liability, and Excess/Umbrella Insurance Policies, and will pay my proportionate share of the premiums associated with these insurance coverages through joint account billings.

**Opt-out.** I elect to purchase my own policies for well control and other insurance requirements, or to self-insure (if applicable). By opting-out, I recognize I will be responsible for my own coverage and will not be afforded protection under operator's policies.

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

Joint owner agrees that item 0180-0245 will be provided by operator, if available, at the specified rate. Operator reserves the right to adjust the rate due to a change in market conditions.

Prepared by: <u>Ryan McDaniel</u>	Date: <u>5/16/2024</u>
Company Approval: <u><i>M. Whittier</i></u>	Date: <u>5/16/2024</u>

Joint Owner Interest: <u>3.13454300%</u> Amount: <u>\$232,611.30</u>	Signature: _____
Joint Owner Name: <u>BP AMERICA PRODUCTION COMPANY</u>	

Summary of Communications for the following wells:

Lobo 33/28 Fed Com #521H (B2ML)  
 Lobo 33/28 Fed Com #523H (B2NK)  
 Lobo 33/28 Fed Com #623H (B3NK)  
 Lobo 33/28 Fed Com #582H (H3ML)  
 Lobo 33/28 Fed Com #564H (H3NK)  
 Lobo 33/28 Fed Com #402H (B1ML)  
 Lobo 33/28 Fed Com #474H (B1NK)  
 Lobo 33/28 Fed Com #701H (W0ML)

Lobo 33/28 Fed Com #625H (B3OB)  
 Lobo 33/28 Fed Com #628H (B3PA)  
 Lobo 33/28 Fed Com #586H (H3OB)  
 Lobo 33/28 Fed Com #568H (H3PA)  
 Lobo 33/28 Fed Com #406H (B1OB)  
 Lobo 33/28 Fed Com #408H (B1PA)  
 Lobo 33/28 Fed Com #706H (W0OB)  
 Lobo 33/28 Fed Com #704H (W0NK)

Company Name: BP America Production Company		
Date:	Communicated with:	Comments/Actions:
5/20/2024	Stephanie Sullivan	Mailed and emailed well proposals via certified mail dated 5/20/2024.
5/20/2024	Stephanie Sullivan	Emailed Receipt shows the proposal email was opened at 4:04 PM.
5/22/2024	Bret Fugate	Bret emailed me asking me for title information on these wells.
5/22/2024	Bret Fugate	I emailed Bret with information he asked for.
5/30/2024	Stephanie Sullivan	Certified Mail packet was received by confirmation of an email Stephanie sent to me. She told me there was a new contact for this area named Bret Fugate.
5/31/2024	Bret Fugate	I emailed Bret regarding proposals.
6/10/2024	Bret Fugate	I emailed Bret asking about making a deal with us on their interest.
6/17/2024	Bret Fugate/Stephanie Sullivan	I sent a follow-up email regarding my previous email and their elections.
6/17/2024	Bret Fugate	Bret emailed me stating he was working on them and asked me for some more title information.
6/17/2024	Bret Fugate	I emailed Bret sending him what he asked for.

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

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

**Case No. 24655**

**SELF-AFFIRMED STATEMENT  
OF TYLER HILL**

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 location map that depicts the Lobo spacing unit in the Bone Spring formation.

4. Exhibit B-2 contains subsea structure maps. The approximate wellbore paths for the Lobo 33/28 Fed. Com. Well Nos. 402H, 521H, 582H, 474H, 523H, 564H, and 623H (“Wells”) are depicted by dashed lines on **Exhibit B-2**. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells. Exhibit B-2 also shows a line of 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.

5. **Exhibit B-3** are stratigraphic cross-sections 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.

**Mewbourne Oil Company  
Case No. 24655  
Exhibit B**

6. **Exhibit B-4** contains the Directional Drilling plans for the Wells. The producing intervals of the proposed wells will be orthodox.

7. In my opinion, a standup 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.

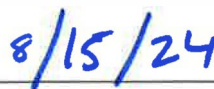
8. Based on my geologic study of the area, the targeted interval underlying the Units is suitable for development by horizontal wells and the tracts comprising the Units will contribute more or less equally to the production of the Wells.

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.

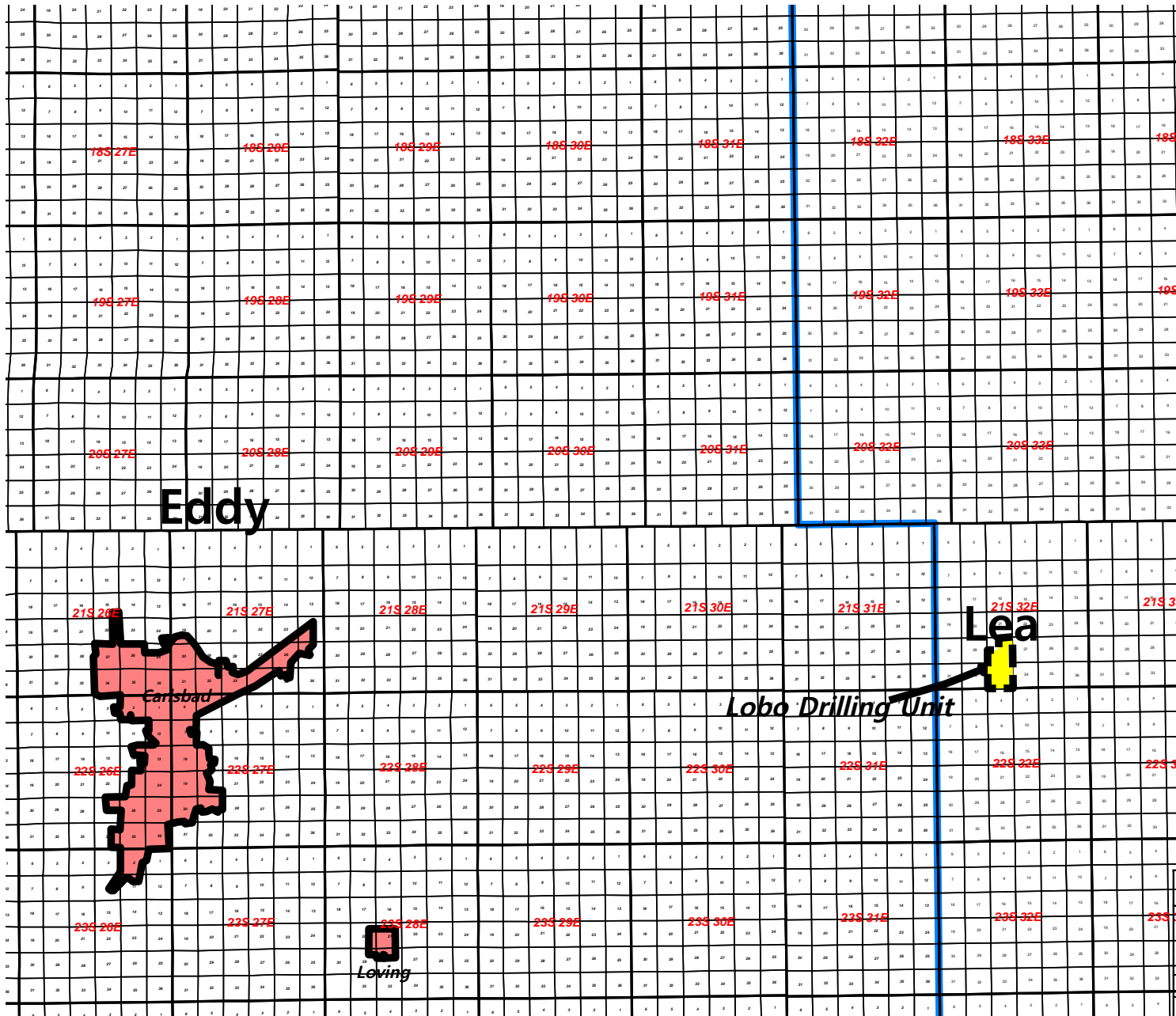
10. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.


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.

  
\_\_\_\_\_  
TYLER HILL

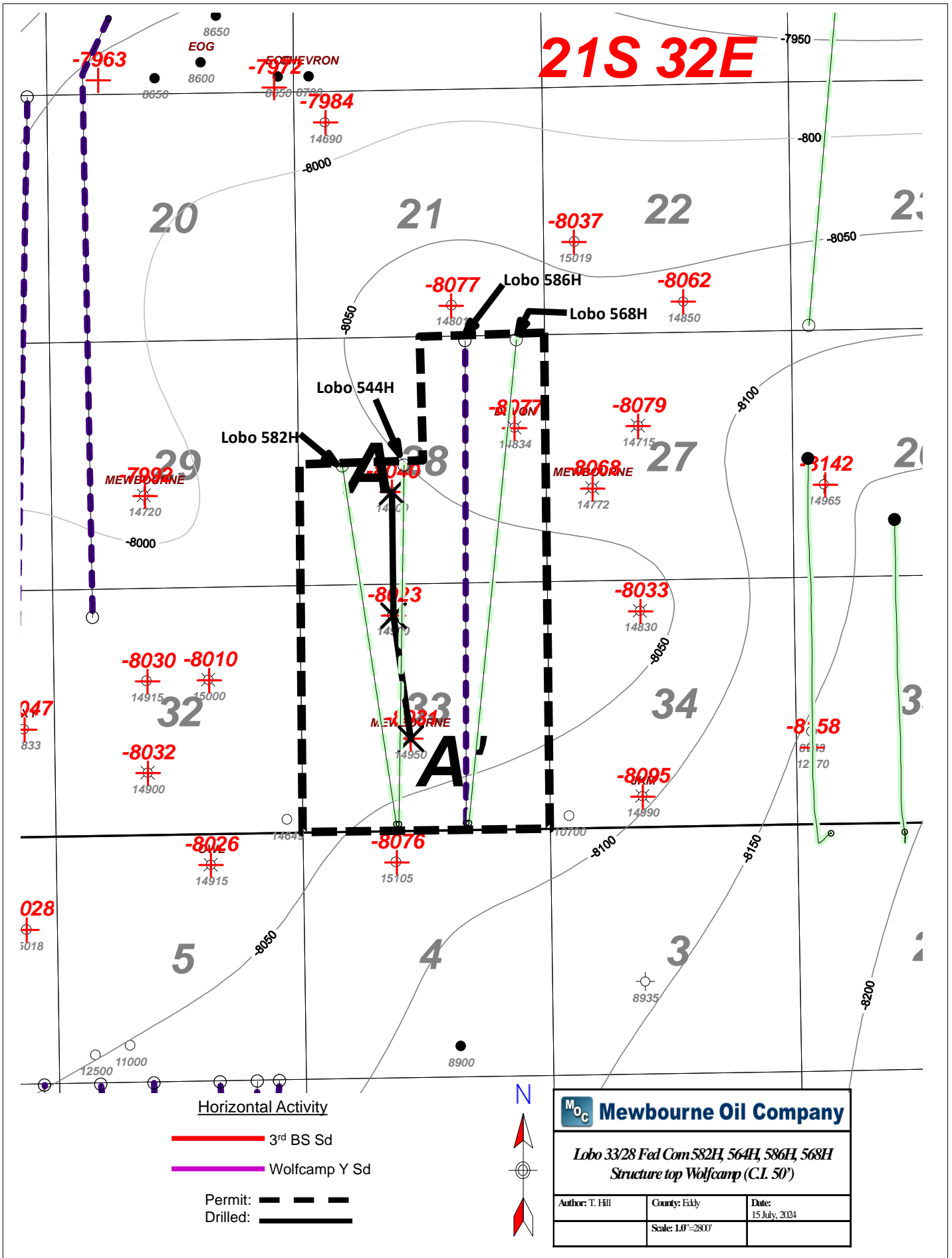
  
\_\_\_\_\_  
Date

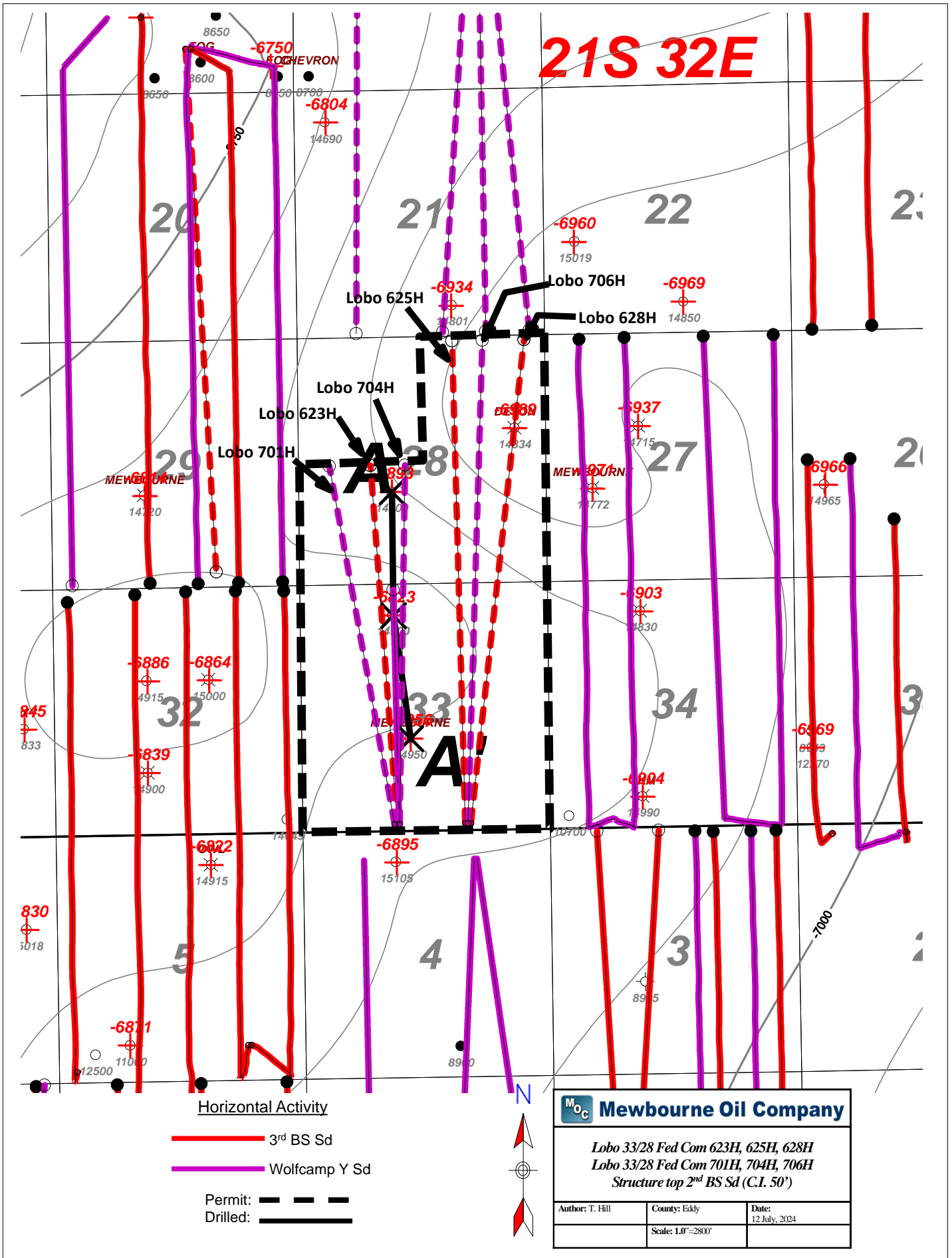


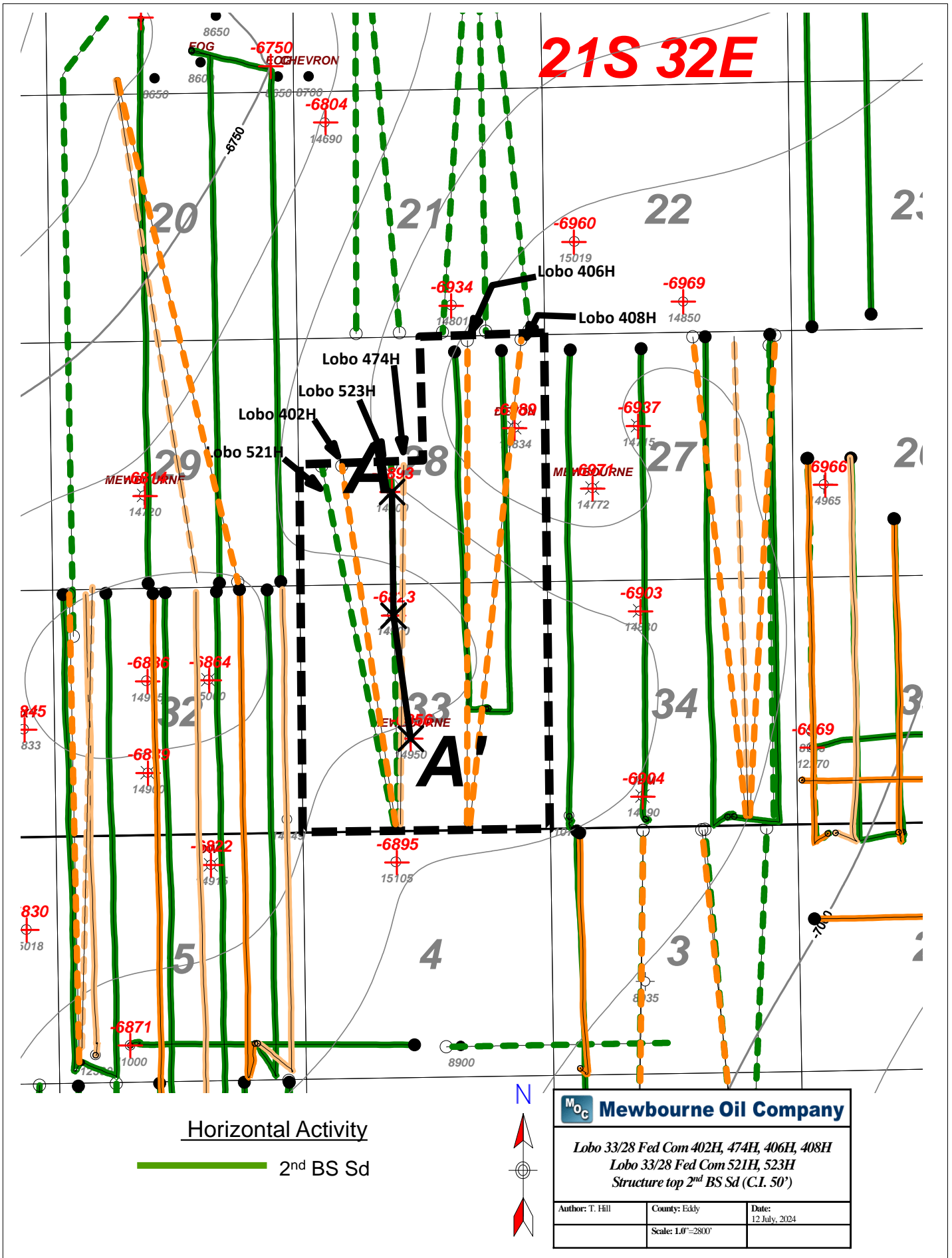


 <b>Mewbourne Oil Company</b>		
<b>Lobo 33/28 Locator Map</b>		
Author: T. Hill	NM	Date: 12 July, 2024
Scale: 1.0"=34868'		

Mewbourne Oil Company  
Case No. 24655  
Exhibit B-1







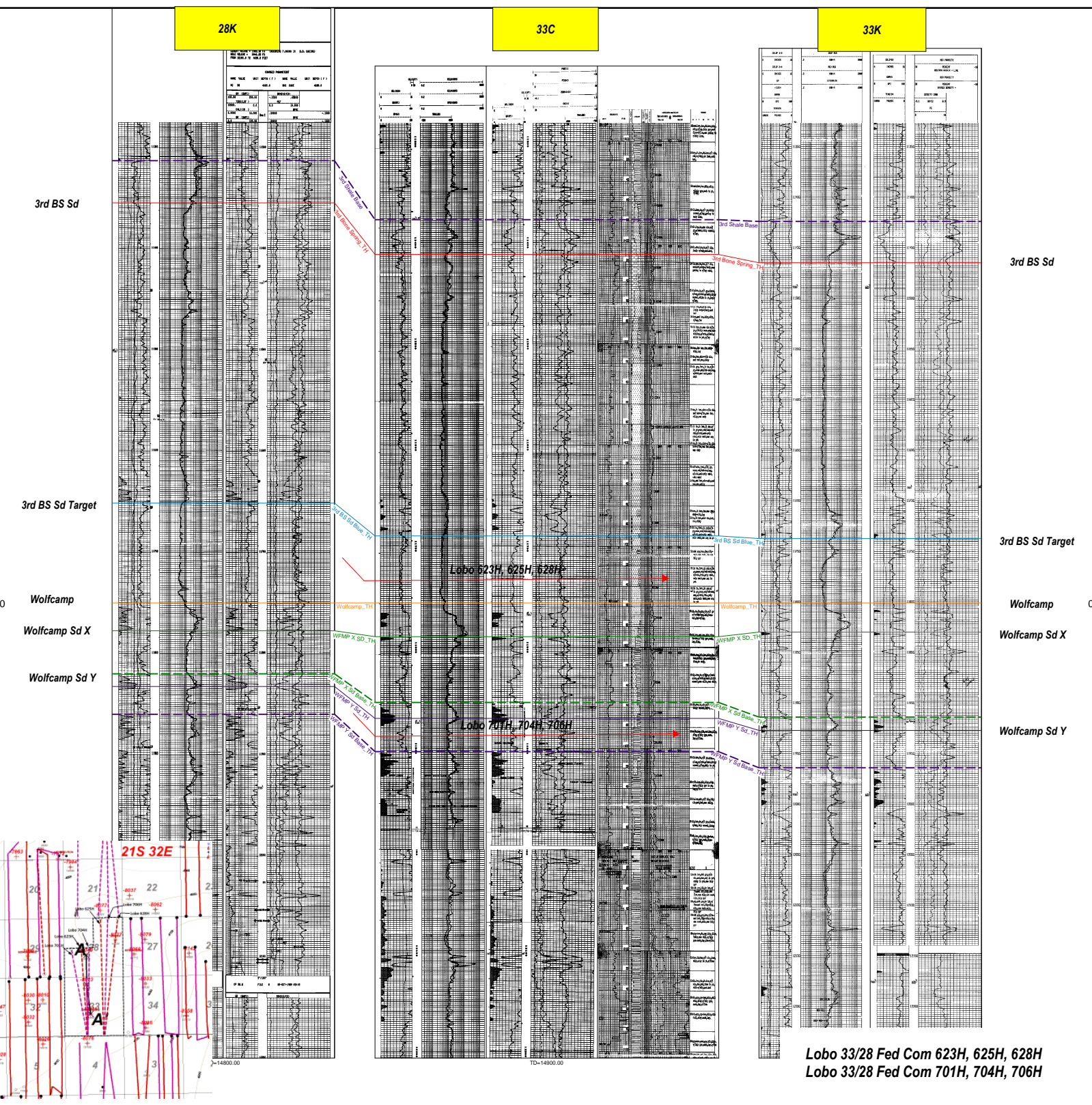
### Lobo 3rd BS Sd/Wolfcamp

**A** 300253066400 2641 ft 300253078100 2659 ft 300253286300 **A'**

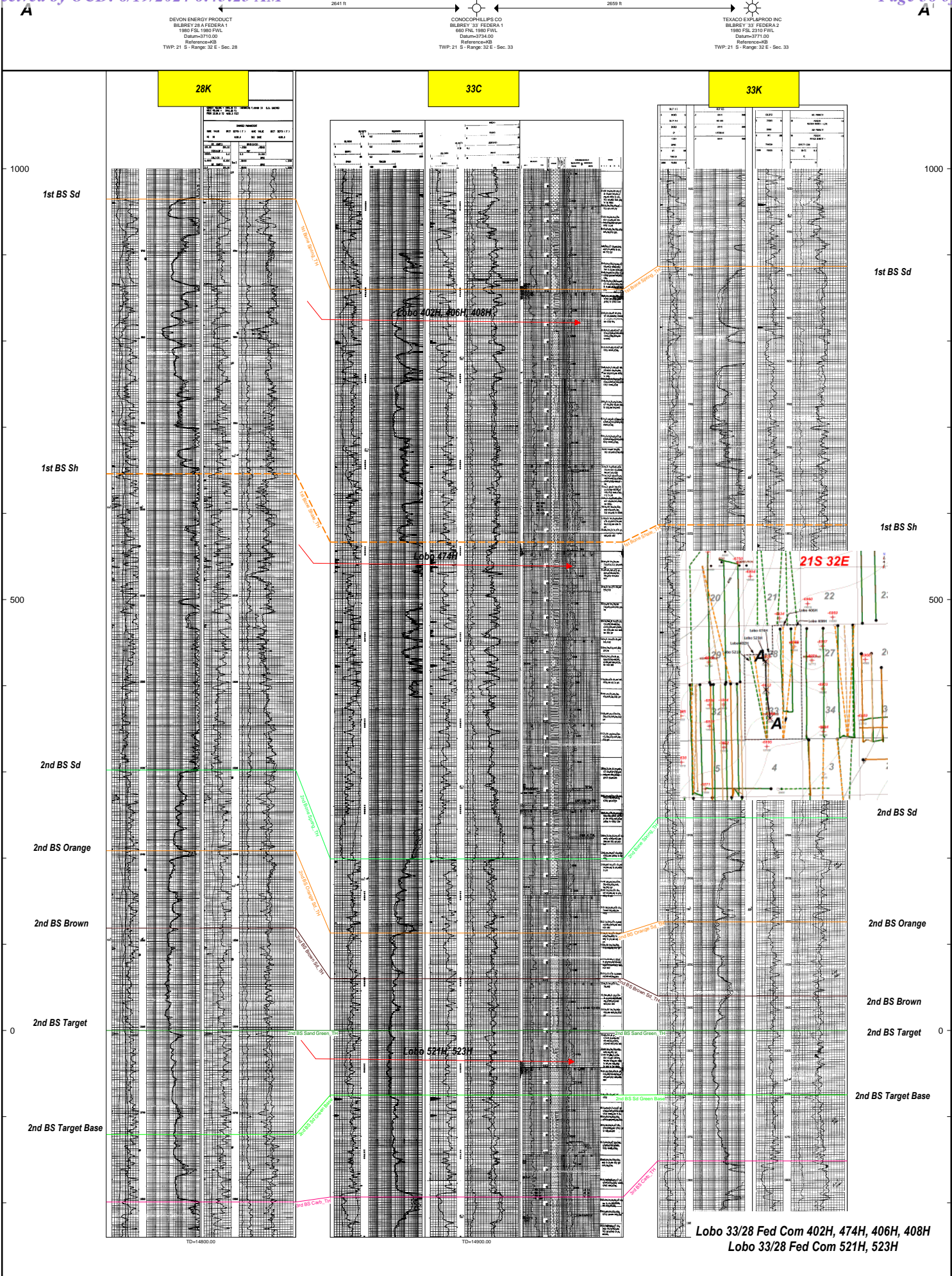
DEVON ENERGY PRODUCT  
BILBREY 28 A FEDERA 1  
1980 FSL 1980 FVL  
Datum=3710.00  
Reference=03  
TWP: 21 S - Range: 32 E - Sec: 28

CONOCO PHILLIPS CO  
BILBREY 33 FEDERA 1  
1980 FNL 1980 FVL  
Datum=3734.00  
Reference=03  
TWP: 21 S - Range: 32 E - Sec: 33

TEXACO EXPLORAD INC  
BILBREY 33 FEDERA 2  
1980 FSL 2310 FVL  
Datum=3771.00  
Reference=03  
TWP: 21 S - Range: 32 E - Sec: 33



**Mewbourne Oil Company**  
**Case No. 24655**  
**Exhibit B-3**



Mewbourne Oil Company

SURVEY CALCULATION REPORT

Minimum Curvature Calculations

Operator: Mewbourne Oil Company		Target KBTVD: 10,695 Feet		10695.00													
Lease Name: Lobo 33-28 Fed Com #523H		Target Angle: 90.40 Degrees		90.40													
KOP 10122.04		Section Plane: 359.59 Degrees															
		Declination Corrected to True North: 6.63 Degrees															
		Bit to Survey Offset: 44 Feet															
Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below		DRIFT (RADIANS)	AZIMUTH (RADIANS)
														Target	Target		
T/I	10122.04	0.00	359.59	N/A	10122.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	10122.0	573.0		1E-12	6.28
1	10212.45	9.04	359.59	90.403561	10212.1	7.1	7.1	-0.1	7.1	359.6	10.0	10.0	10212.1	482.9		0.15778398	6.28
2	10302.85	18.08	359.59	90.403561	10299.9	28.3	28.3	-0.2	28.3	359.6	10.0	10.0	10300.1	394.9		0.31556796	6.28
3	10393.25	27.12	359.59	90.403561	10383.2	63.0	63.0	-0.4	63.0	359.6	10.0	10.0	10383.7	311.3		0.47335194	6.28
4	10483.66	36.16	359.59	90.403561	10460.1	110.4	110.4	-0.8	110.4	359.6	10.0	10.0	10460.9	234.1		0.63113592	6.28
5	10574.06	45.20	359.59	90.403561	10528.6	169.2	169.2	-1.2	169.2	359.6	10.0	10.0	10529.8	165.2		0.78891989	6.28
6	10664.46	54.24	359.59	90.403561	10587.0	238.1	238.1	-1.7	238.1	359.6	10.0	10.0	10588.7	106.3		0.946703879	6.28
7	10754.87	63.28	359.59	90.403561	10633.8	315.4	315.4	-2.2	315.4	359.6	10.0	10.0	10636.0	59.0		1.104487859	6.28
8	10845.27	72.32	359.59	90.403561	10667.9	399.0	399.0	-2.8	399.0	359.6	10.0	10.0	10670.8	24.2		1.262271839	6.28
9	10935.67	81.36	359.59	90.403561	10688.5	486.9	486.9	-3.4	486.9	359.6	10.0	10.0	10691.9	3.1		1.420055819	6.28
10	11026.08	90.40	359.59	90.403561	10695.0	577.0	577.0	-4.1	577.0	359.6	10.0	10.0	10699.0	-4.0		1.577839799	6.28
11	11100.00	90.40	359.59	73.922183	10694.5	650.9	650.9	-4.6	650.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
12	11200.00	90.40	359.59	100	10693.8	750.9	750.9	-5.3	750.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
13	11300.00	90.40	359.59	100	10693.1	850.9	850.9	-6.0	850.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
14	11400.00	90.40	359.59	100	10692.4	950.9	950.9	-6.7	950.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
15	11500.00	90.40	359.59	100	10691.6	1050.9	1050.9	-7.4	1050.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
16	11600.00	90.40	359.59	100	10690.9	1150.9	1150.9	-8.1	1150.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
17	11700.00	90.40	359.59	100	10690.2	1250.9	1250.9	-8.9	1250.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
18	11800.00	90.40	359.59	100	10689.5	1350.9	1350.9	-9.6	1350.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
19	11900.00	90.40	359.59	100	10688.8	1450.9	1450.9	-10.3	1450.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
20	12000.00	90.40	359.59	100	10688.1	1550.9	1550.9	-11.0	1550.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
21	12100.00	90.40	359.59	100	10687.4	1650.9	1650.9	-11.7	1650.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
22	12200.00	90.40	359.59	100	10686.7	1750.9	1750.9	-12.4	1750.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
23	12300.00	90.40	359.59	100	10686.0	1850.9	1850.9	-13.1	1850.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
24	12400.00	90.40	359.59	100	10685.3	1950.9	1950.9	-13.8	1950.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
25	12500.00	90.40	359.59	100	10684.6	2050.9	2050.9	-14.5	2050.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
26	12600.00	90.40	359.59	100	10683.9	2150.9	2150.9	-15.2	2150.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
27	12700.00	90.40	359.59	100	10683.2	2250.9	2250.9	-15.9	2250.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
28	12800.00	90.40	359.59	100	10682.5	2350.9	2350.9	-16.6	2350.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
29	12900.00	90.40	359.59	100	10681.8	2450.9	2450.9	-17.3	2450.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
30	13000.00	90.40	359.59	100	10681.1	2550.9	2550.9	-18.1	2550.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
31	13100.00	90.40	359.59	100	10680.4	2650.9	2650.9	-18.8	2650.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
32	13200.00	90.40	359.59	100	10679.7	2750.9	2750.9	-19.5	2750.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
33	13300.00	90.40	359.59	100	10679.0	2850.9	2850.9	-20.2	2850.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
34	13400.00	90.40	359.59	100	10678.3	2950.9	2950.9	-20.9	2950.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
35	13500.00	90.40	359.59	100	10677.6	3050.9	3050.9	-21.6	3050.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
36	13600.00	90.40	359.59	100	10676.9	3150.9	3150.9	-22.3	3150.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
37	13700.00	90.40	359.59	100	10676.2	3250.9	3250.9	-23.0	3250.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
38	13800.00	90.40	359.59	100	10675.5	3350.9	3350.9	-23.7	3350.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
39	13900.00	90.40	359.59	100	10674.8	3450.9	3450.9	-24.4	3450.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
40	14000.00	90.40	359.59	100	10674.1	3550.9	3550.9	-25.1	3550.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
41	14100.00	90.40	359.59	100	10673.4	3650.9	3650.9	-25.8	3650.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
42	14200.00	90.40	359.59	100	10672.7	3750.9	3750.9	-26.5	3750.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
43	14300.00	90.40	359.59	100	10671.9	3850.9	3850.9	-27.3	3850.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
44	14400.00	90.40	359.59	100	10671.2	3950.9	3950.9	-28.0	3950.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
45	14500.00	90.40	359.59	100	10670.5	4050.9	4050.9	-28.7	4050.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
46	14600.00	90.40	359.59	100	10669.8	4150.9	4150.9	-29.4	4150.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
47	14700.00	90.40	359.59	100	10669.1	4250.9	4250.9	-30.1	4250.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
48	14800.00	90.40	359.59	100	10668.4	4350.9	4350.9	-30.8	4350.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
49	14900.00	90.40	359.59	100	10667.7	4450.9	4450.9	-31.5	4450.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
50	15000.00	90.40	359.59	100	10667.0	4550.9	4550.9	-32.2	4550.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
51	15100.00	90.40	359.59	100	10666.3	4650.9	4650.9	-32.9	4650.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
52	15200.00	90.40	359.59	100	10665.6	4750.9	4750.9	-33.6	4750.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
53	15300.00	90.40	359.59	100	10664.9	4850.9	4850.9	-34.3	4850.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
54	15400.00	90.40	359.59	100	10664.2	4950.9	4950.9	-35.0	4950.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
55	15500.00	90.40	359.59	100	10663.5	5050.9	5050.9	-35.7	5050.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
56	15600.00	90.40	359.59	100	10662.8	5150.9	5150.9	-36.5	5150.9	359.6	0.0	0.0	10699.0	-4.0		1.577839799	6.28
57	1570																

70	17000.00		90.40	359.59	100	10652.9	6550.8	6550.6	-46.4	6550.8	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
71	17100.00		90.40	359.59	100	10652.2	6650.8	6650.6	-47.1	6650.8	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
72	17200.00		90.40	359.59	100	10651.5	6750.8	6750.6	-47.8	6750.8	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
73	17300.00		90.40	359.59	100	10650.8	6850.8	6850.6	-48.5	6850.8	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
74	17400.00		90.40	359.59	100	10650.1	6950.8	6950.6	-49.2	6950.8	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
75	17500.00		90.40	359.59	100	10649.4	7050.8	7050.6	-49.9	7050.8	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
76	17600.00		90.40	359.59	100	10648.7	7150.8	7150.6	-50.6	7150.8	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
77	17700.00		90.40	359.59	100	10648.0	7250.8	7250.6	-51.3	7250.8	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
78	17800.00		90.40	359.59	100	10647.3	7350.7	7350.6	-52.0	7350.7	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
79	17900.00		90.40	359.59	100	10646.6	7450.7	7450.6	-52.7	7450.7	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
80	18000.00		90.40	359.59	100	10645.9	7550.7	7550.6	-53.4	7550.7	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
81	18100.00		90.40	359.59	100	10645.2	7650.7	7650.5	-54.2	7650.7	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28
82	18120.70		90.40	359.59	20.696614	10645.0	7671.4	7671.2	-54.3	7671.4	359.6	0.0	0.0	10699.0	-4.0	1.577839799	6.28



Mewbourne Oil Company

SURVEY CALCULATION REPORT  
Minimum Curvature Calculations

Operator: Mewbourne Oil Company Target KBTVD: 11,140 Feet 11140.00  
Lease Name: Lobo 33/28 Fed Com #564H Target Angle: 90.40 Degrees 90.40  
KOP 10567.04 Section Plane: 1.55 Degrees  
SL: 150 FNL & 1400 FWL Sec 6-20S-29E Declination Corrected to True North: 6.63 Degrees  
BHL: 330 FSL & 1400 FWL Sec 6-20S-29E Bit to Survey Offset: 44 Feet

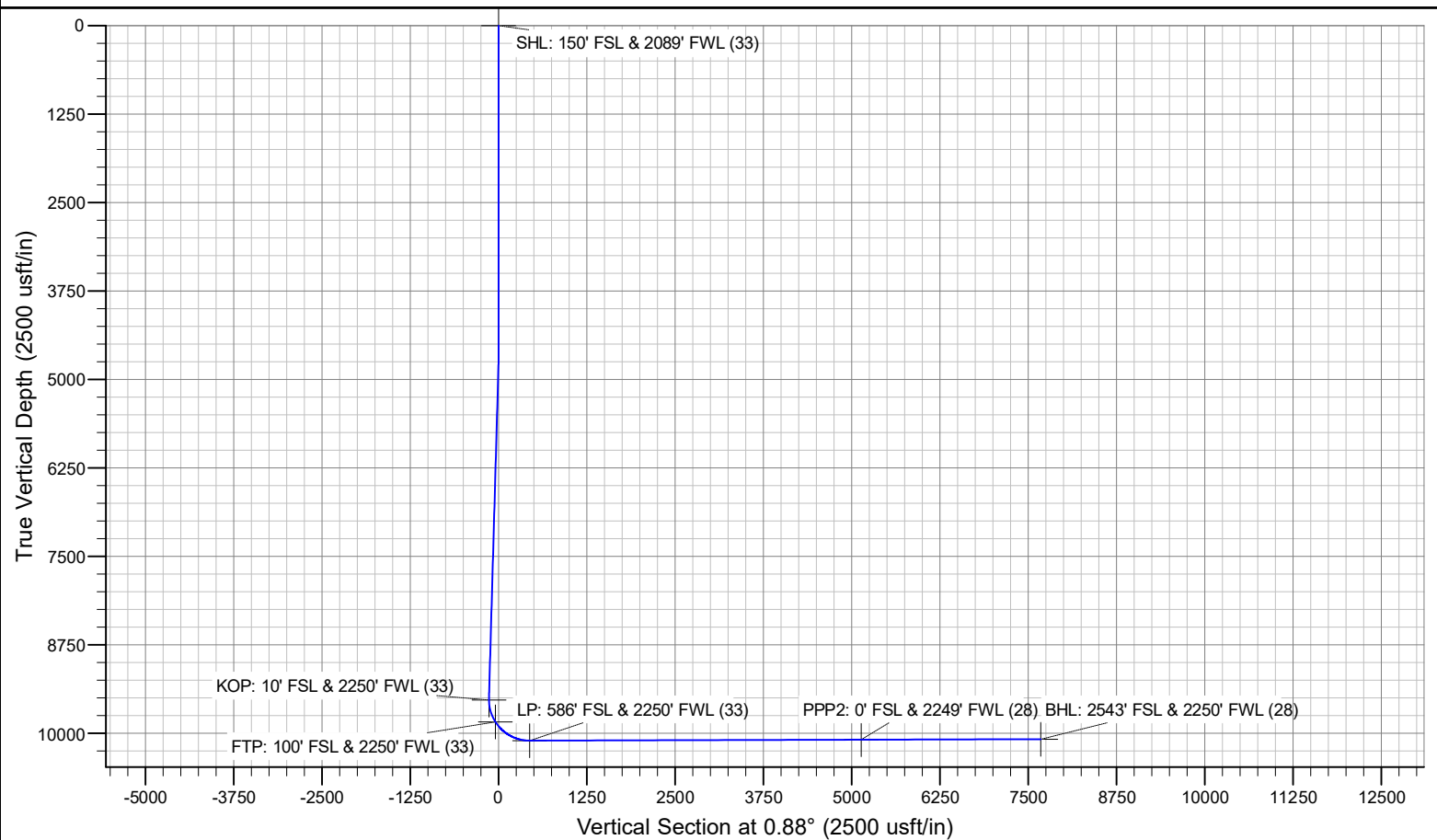
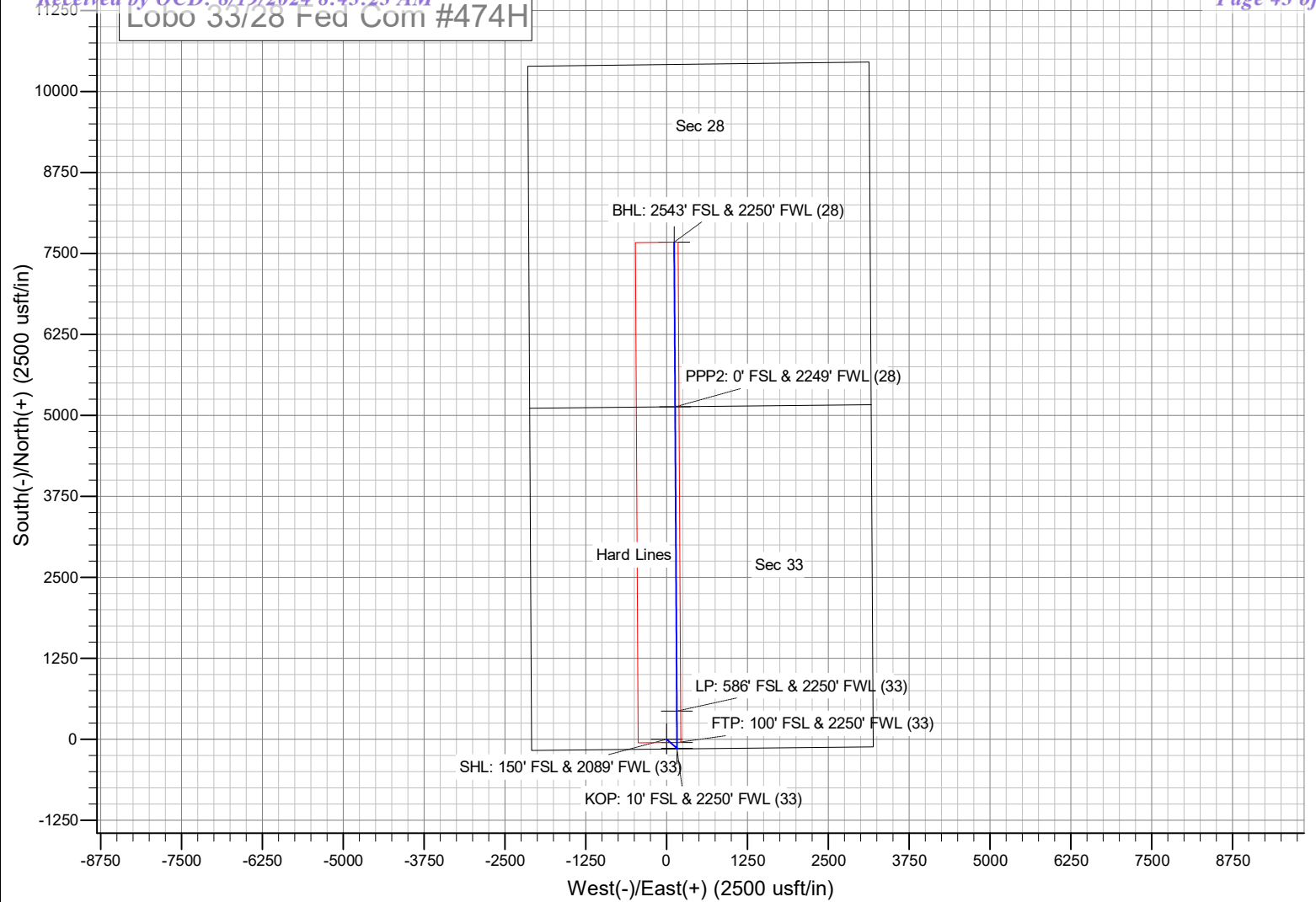
Table with columns: Survey No., Measured Depth-ft, Drift (Deg.), Azimuth (Deg.), Course Length, TVD, Vertical Section, +N/-S (Feet), +E/-W (Feet), Closure Distance, Closure Direction, BUR, DLS, KBTVD, Target, DRIFT (RADIAN), AZIMUTH (RADIAN). Rows 1-82.

Mewbourne Oil Company

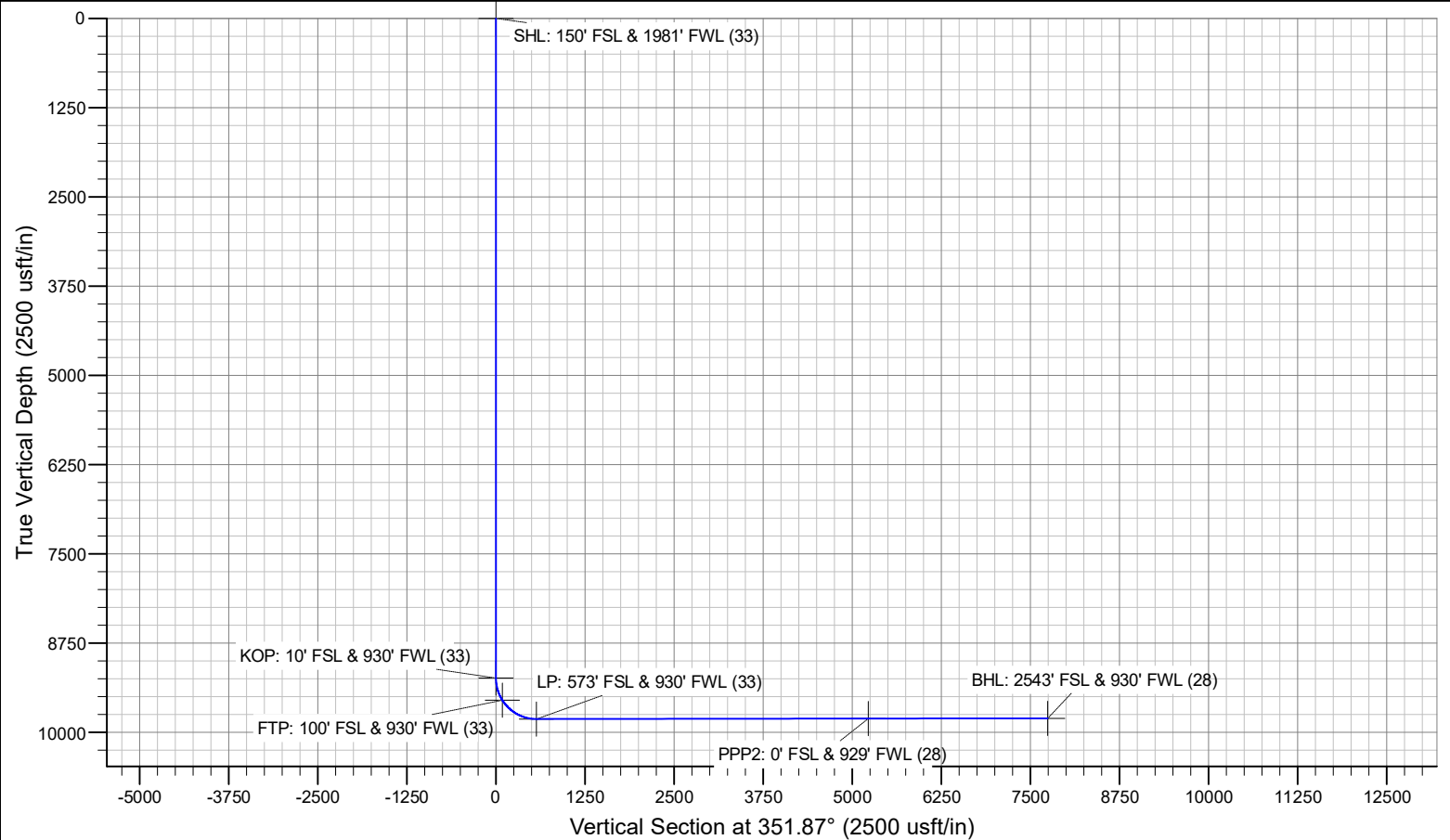
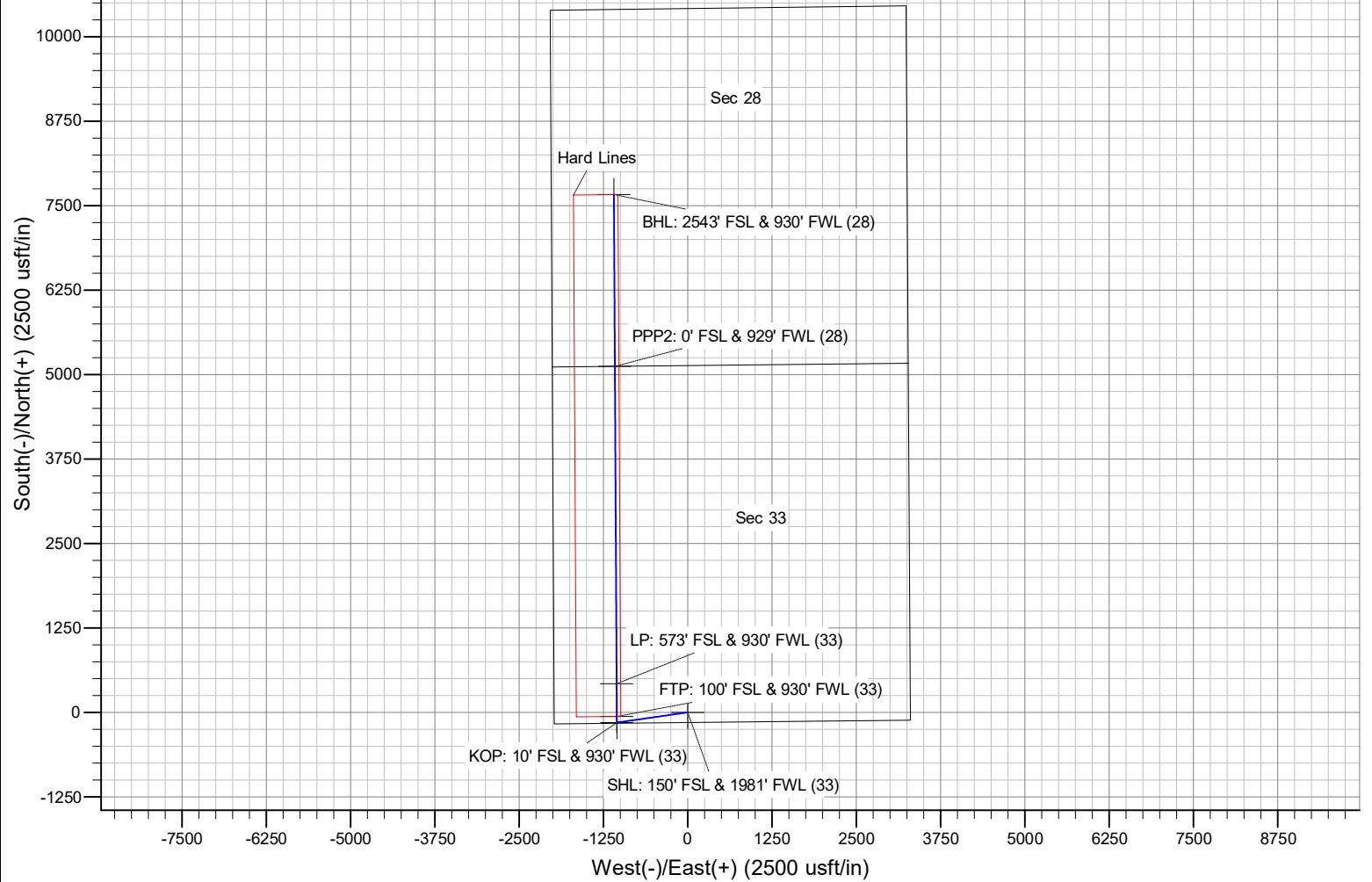
SURVEY CALCULATION REPORT  
Minimum Curvature Calculations

Table with columns: Operator, Lease Name, KOP, Target KBTVD, Target Angle, Section Plane, Declination Corrected to True North, Bit to Survey Offset, Survey No., Measured Depth-ft, Drift (Deg.), Azimuth (Deg.), Course Length, TVD (Feet), Vertical Section, +N/-S (Feet), +E/-W (Feet), Closure Distance, Closure Direction, BUR, DLS, KBTVD, DRIFT (RADIAN), AZIMUTH (RADIAN).

Lobo 33/28 Fed Com #474H



Lobo 33/28 Fed Com #402H



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

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

**CASE NO. 24655**

**SELF-AFFIRMED STATEMENT  
OF DANA S. HARDY**

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

2. I have reviewed the Notice Letter attached as **Exhibit C-1**. Co-counsel for Mewbourne Oil Company, James Bruce, caused the Notice Letter, along with the Application in this case, to be sent to the party shown on the certified mail returns shown as **Exhibit C-2**.

3. Copies of the certified mail green card and white slip are attached as **Exhibit C-2**.

4. On July 10, 2024, James Bruce caused a notice to be published to all interested parties in the Hobbs News-Sun. A copy of the Publication from the Hobbs News-Sun is attached as **Exhibit C-3**.

5. I understand this Self-Affirmed Statement will be used as written testimony in the subject cases. I affirm that my testimony above is true and correct and it 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/ Dana S. Hardy  
Dana S. Hardy

August 16, 2024  
Date

**Mewbourne Oil Company  
Case No. 24655  
Exhibit C**

**JAMES BRUCE**  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)

[jamesbruc@aol.com](mailto:jamesbruc@aol.com)

July 3, 2024

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

BP America Production Company  
501 Westlake Park Blvd.  
Houston, TX 77079-2604

Attn: Stephanie Sullivan

Ladies and gentlemen:

Enclosed are copies of four applications, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, requesting the following relief:

Case No. 24655: Mewbourne Oil Company seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of the W/2 of Section 33 and the SW/4 of Section 28, Township 21 South, Range 32 East, NMPM. The unit will be dedicated to (a) the Lobo 33/28 Fed. Com. Well Nos. 402H, 521H, and 582H, with first take points in the SW/4SW/4 of 33 and last take points in the NW/4SW/4 of Section 28, and (b) the Lobo 33/28 Fed. Com. Well Nos. 474H, 523H, 564H, and 623H, with first take points in the SE/4SW/4 of 33 and last take points in the NE/4SW/4 of Section 28.

Case No. 24656: Mewbourne Oil Company seeks an order pooling all mineral interest owners in the upper Wolfcamp formation underlying a non-standard horizontal spacing unit comprised of the W/2 of Section 33 and the SW/4 of Section 28, Township 21 South, Range 32 East, NMPM. The unit will be dedicated to (a) the Lobo 33/28 Fed. Com. Well No. 701H, with a first take point in the SW/4SE/4 of Section 33 and a last take point in the NW/4SW/4 of Section 28, and (b) the Lobo 33/28 Fed. Com. Well No. 704H with a first take point in the SE/4SE/4 of Section 33 and a last take point in the NE/4SW/4 of Section 28.

Mewbourne Oil Company  
Case No. 24655  
Exhibit C-1

Case No. 24657: Mewbourne Oil Company seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of the E/2 of Section 28 and the E/2 of Section 33, Township 21 South, Range 32 East, NMPM. The unit will be dedicated (a) the Lobo 33/28 Fed. Com. Well Nos. 406H, 586H, and 625H, with first take points in the SW/4SE/4 of 33 and last take points in the NW/4NE/4 of Section 28; and (b) the Lobo 33/28 Fed. Com. Well Nos. 408H, 568H, and 628H, with first take points in the SE/4SE/4 of 33 and last take points in the NE/4NE/4 of Section 28. Applicant also requests that Order No. R-22924, which covers the subject acreage, be vacated.

Case No. 24658: Mewbourne Oil Company seeks an order pooling all mineral interest owners in the upper Wolfcamp formation underlying a proximity tract horizontal spacing unit comprised of the E/2 of Section 33 and the E/2 of Section 28, Township 21 South, Range 32 East, NMPM. The unit will be dedicated to the Lobo 33/28 Fed. Com. Well No. 706H with a first take point in the SW/4SE/4 (1330 feet FEL) of Section 33 and a last take point in the NW/4NE/4 (1330 feet FEL) of Section 28. Applicant also requests that Order Nos. R-22925 and R-22926, which cover the subject acreage, be vacated.

Also to be considered will be the cost of drilling, completing, testing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, testing, and equipping the wells.

These matters are scheduled for hearing at 8:30 a.m. on Thursday, July 25, 2024. The hearing may be attended (a) in person in Pecos Hall of the Wendell Chino Building, 1<sup>st</sup> Floor, 1220 South St. Francis Drive, Santa Fe New Mexico 87505, or (b) via the WebEx virtual meeting platform. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/oed/hearing-info/>, or contact Freya Tschantz at [freya.tschantz@emnrd.nm.gov](mailto:freya.tschantz@emnrd.nm.gov). You are not required to attend this hearing, but as an owner of an interest who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at [oed.hearings@emnrd.nm.gov](mailto:oed.hearings@emnrd.nm.gov), and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,



James Bruce

Attorney for Mewbourne Oil Company

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Mewbourne Oil Company  
Case No. 24655  
Exhibit C-32

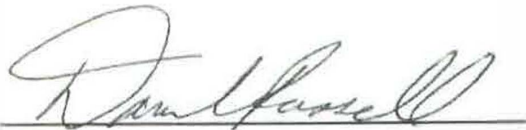


# Affidavit of Publication

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  
July 10, 2024  
and ending with the issue dated  
July 10, 2024.



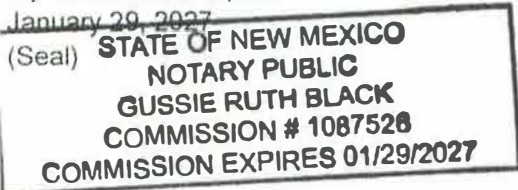
Publisher

Sworn and subscribed to before me this  
10th day of July 2024.



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 July 10, 2024

### NOTICE

To: BP America Production Company, or your successors or assigns: Mewbourne Oil Company has filed four applications with the New Mexico Oil Conservation Division seeking the following relief:

Case No. 24655: Mewbourne Oil Company seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of the W/2 of Section 33 and the SW/4 of Section 28, Township 21 South, Range 32 East, NMPM. The unit will be dedicated to (a) the Lobo 33/28 Fed. Com. Well Nos. 402H, 521H, and 582H, with first take points in the SW/4SW/4 of 33 and last take points in the NW/4SW/4 of Section 28, and (b) the Lobo 33/28 Fed. Com. Well Nos. 474H, 523H, 564H, and 623H, with first take points in the SE/4SW/4 of 33 and last take points in the NE/4SW/4 of Section 28.

Case No. 24656: Mewbourne Oil Company seeks an order pooling all mineral interest owners in the upper Wolfcamp formation underlying a non-standard horizontal spacing unit comprised of the W/2 of Section 33 and the SW/4 of Section 28, Township 21 South, Range 32 East, NMPM. The unit will be dedicated to (a) the Lobo 33/28 Fed. Com. Well No. 701H, with a first take point in the SW/4SE/4 of Section 33 and a last take point in the NW/4SW/4 of Section 28, and (b) the Lobo 33/28 Fed. Com. Well No. 704H with a first take point in the SE/4SE/4 of Section 33 and a last take point in the NE/4SW/4 of Section 28.

Case No. 24657: Mewbourne Oil Company seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of the E/2 of Section 28 and the E/2 of Section 33, Township 21 South, Range 32 East, NMPM. The unit will be dedicated (a) the Lobo 33/28 Fed. Com. Well Nos. 406H, 586H, and 625H, with first take points in the SW/4SE/4 of 33 and last take points in the NW/4NE/4 of Section 28; and (b) the Lobo 33/28 Fed. Com. Well Nos. 408H, 588H, and 628H, with first take points in the SE/4SE/4 of 33 and last take points in the NE/4NE/4 of Section 28. Applicant also requests that Order No. R-22924, which covers the subject acreage, be vacated.

Case No. 24658: Mewbourne Oil Company seeks an order pooling all mineral interest owners in the upper Wolfcamp formation underlying a proximity tract horizontal spacing unit comprised of the E/2 of Section 33 and the E/2 of Section 28, Township 21 South, Range 32 East, NMPM. The unit will be dedicated to the Lobo 33/28 Fed. Com. Well No. 706H with a first take point in the SW/4SE/4 (1330 feet FEL) of Section 33 and a last take point in the NW/4NE/4 (1330 feet FEL) of Section 28. Applicant also requests that Order Nos. R-22925 and R-22926, which cover the subject acreage, be vacated.

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01101711

00292089

JAMES BRUCE  
JAMES BRUCE, ATTORNEY AT LAW  
P.O. BOX 1056  
SANTA FE, NM 87504

**Mewbourne Oil Company**  
**Case No. 24655**  
**Exhibit C-3**