

**BEFORE THE OIL CONSERVATION DIVISION  
EXAMINER HEARING JULY 7, 2022**

**CASE NOS. 22869-22870**

*SIG 6-5 B2EH FED COM #1H WELL  
SIG 6-5 B2DA FED COM #1H*

**EDDY COUNTY, NEW MEXICO**



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

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

**CASE NOS. 22869 & 22870**

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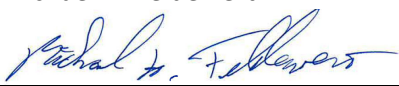
- Compulsory Pooling Application Checklists and Filed Applications
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  - MEWBOURNE Exhibit A-3: Tract Ownership
  - MEWBOURNE Exhibit A-4: Sample Well Proposal Letters & AFEs
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# COMPULSORY POOLING APPLICATION CHECKLIST

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

<b>Case: 22869</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date: July 7, 2022</b>	
Applicant	<b>Mewbourne Oil Company</b>
Designated Operator & OGRID (affiliation if applicable)	<b>Mewbourne Oil Company [OGRID 14744]</b>
Applicant's Counsel:	Holland & Hart LLP
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	
Well Family	Sig 6-5
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Winchester Bone Spring (65010)
Well Location Setback Rules:	Standard
Spacing Unit Size:	309.88-acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	309.88-acres
Building Blocks:	Quarter-Quarter sections
Orientation:	Laydown
Description: TRS/County	Lot 5 (SW4NW4), SE4NW4, S2NE4 of irregular Section 6 and S2N2 of irregular Section 5, T-20-S, R-29-E, NMPM.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<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)	
Well #1	<p><b>Sig 6/5 B2EH Fed Com 1H</b>, API No. pending                      SHL: 660' FNL &amp; 205' FEL (Lot 1) of Sec. 1, T20S, R28E                      BHL: 1980' FNL &amp; 100' FEL (Unit H) of Sec. 5, T20S, R29E</p> <p>Completion Target: Bone Spring formation                      Well Orientation: West to East                      Completion Location expected to be: Standard</p>
Horizontal Well First and Last Take Points	Exhibit A-1
Completion Target (Formation, TVD and MD)	Exhibit A-4

<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit C
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C
Proof of Published Notice of Hearing (10 days before hearing)	N/A
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-3
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	Exhibits A-1, B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-1
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-2
Depth Severance Discussion	N/A
<b>Forms, Figures and Tables</b>	
C-102	Exhibit A-1
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibits A-1, B-1
Structure Contour Map - Subsea Depth	Exhibit B-1

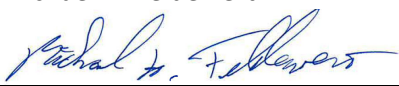
Cross Section Location Map (including wells)	Exhibit B-1
Cross Section (including Landing Zone)	Exhibit B-2
<b>Additional Information</b>	
Special Provisions/Stipulations	N/A
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	Michael H. Feldewert
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	5-Jul-22

# COMPULSORY POOLING APPLICATION CHECKLIST

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

<b>Case: 22870</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date: July 7, 2022</b>	
Applicant	<b>Mewbourne Oil Company</b>
Designated Operator & OGRID (affiliation if applicable)	<b>Mewbourne Oil Company [OGRID 14744]</b>
Applicant's Counsel:	Holland & Hart LLP
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	
Well Family	Sig 6-5
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Winchester Bone Spring (65010)
Well Location Setback Rules:	Standard
Spacing Unit Size:	332.68-acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	332.68-acres
Building Blocks:	Quarter-Quarter sections
Orientation:	Laydown
Description: TRS/County	Lots 1-4 (N2N2) of irregular Section 6 and Lots 1-4 (N2N2) of irregular Section 5, T-20-S, R-29-E, NMPM
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<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)	
Well #1	<p><b>Sig 6/5 B2DA Federal Com 1H</b> (30-015-48800)                      SHL: 660' FNL &amp; 205' FEL (Lot 1) of Sec. 1, T20S, R28E                      BHL: 500' FNL &amp; 100' FEL (Lot 1) of Sec. 5, T20S, R29E</p> <p>Completion Target: Bone Spring formation                      Well Orientation: West to East                      Completion Location expected to be: Standard</p>
Horizontal Well First and Last Take Points	Exhibit A-1
Completion Target (Formation, TVD and MD)	Exhibit A-4

<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit C
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C
Proof of Published Notice of Hearing (10 days before hearing)	N/A
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including Eddyse numbers and owners)	Exhibit A-3
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	Exhibits A-1, B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-1
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-2
Depth Severance Discussion	N/A
<b>Forms, Figures and Tables</b>	
C-102	Exhibit A-1
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibits A-1, B-1
Structure Contour Map - Subsea Depth	Exhibit B-1

Cross Section Location Map (including wells)	Exhibit B-1
Cross Section (including Landing Zone)	Exhibit B-2
<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):	Michael H. Feldewert
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	5-Jul-22



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

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

CASE NO. 22869

**APPLICATION**

Mewbourne Oil Company (“Mewbourne” or “Applicant” ) (OGRID No. 14744), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 309.88-acre, more or less, horizontal spacing unit comprised of the Lot 5 (SW4NW4), SE4NW4, S2NE4 of irregular Section 6 and S2N2 of irregular Section 5, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico. In support of its application, Mewbourne states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to initially dedicate the above-referenced spacing unit to the proposed **Sig 6-5 B2EH Fed Com #1H** well to be horizontally drilled from a surface location in NE4NE4 (Lot 1) of Section 1, Township 20 South, Range 28 East, to a bottom hole location in SE4NE4 (Unit H) of Section 5, Township 20 South, Range 29 East.
3. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all the working interest owners in the subject spacing unit.
4. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

5. To allow the recovery of Applicant's just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled, and Applicant should be designated the operator of the proposed horizontal wells and spacing unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on July 7, 2022, and, after notice and hearing as required by law, the Division enter an order:

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

Respectfully submitted,

HOLLAND & HART LLP

By: 

Michael H. Feldewert

Adam G. Rankin

Julia Broggi

Paula M. Vance

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Santa Fe, New Mexico 87504-2208

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**ATTORNEYS FOR MEWBOURNE OIL  
COMPANY**

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

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

CASE NO. 22870

**APPLICATION**

Mewbourne Oil Company (“Mewbourne” or “Applicant” ) (OGRID No. 14744), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Bone Spring formation underlying a standard 332.68-acre, more or less, horizontal spacing unit comprised of the Lots 1-4 (N2N2) of irregular Section 6 and Lots 1-4 (N2N2) of irregular Section 5, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico. In support of its application, Mewbourne states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to initially dedicate the above-referenced spacing unit to the proposed **Sig 6-5 B2DA Fed Com #1H** well to be horizontally drilled from a surface location in NE4NE4 (Lot 1) of Section 1, Township 20 South, Range 28 East, to a bottom hole location in NE4NE4 (Lot 1) of Section 5, Township 20 South, Range 29 East.
3. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all the working interest owners in the subject spacing unit.
4. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.


5. To allow the recovery of Applicant's just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled, and Applicant should be designated the operator of the proposed horizontal wells and spacing unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on July 7, 2022, and, after notice and hearing as required by law, the Division enter an order:

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

Respectfully submitted,

HOLLAND & HART LLP

By:   
\_\_\_\_\_  
Michael H. Feldewert  
Adam G. Rankin  
Julia Broggi  
Paula M. Vance  
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**ATTORNEYS FOR MEWBOURNE OIL  
COMPANY**

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

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

**CASE NOS. 22869 & 22870**

**SELF AFFIRMED STATEMENT OF TYLER JOLLY, LANDMAN**

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

2. I am familiar with the applications filed by Mewbourne in these consolidated matters and the status of the lands in the subject area. None of the mineral owners to be pooled have expressed opposition to this proceeding, so I do not expect any opposition at the hearing.

3. Mewbourne seeks orders pooling all uncommitted interests in the Bone Spring formation [Winchester Bone Spring Pool (65010)] underlying the N2 equivalent of irregular Sections 5 and 6, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico as follows:

- Under **Case 22869**, Mewbourne seeks to pool a standard 309.88-acre horizontal well spacing unit comprised of the Lot 5 (SW4NW4 equivalent), SE4NW4, S2NE4 of irregular Section 6 and S2N2 of irregular Section 5 to be initially dedicated to the proposed **Sig 6/5 B2EH Fed Com #1H** well to be horizontally drilled from a surface location in NE4NE4 (Lot 1) of Section 1, Township 20 South, Range 28

**BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. A  
Submitted by: Mewbourne Oil Company  
Hearing Date: July 7, 2022  
Case Nos. 22869-22870**

East, to a bottom hole location in SE4NE4 (Unit H) of Section 5, Township 20 South, Range 29 East.

- Under **Case 22870**, Mewbourne seeks to pool a standard 332.68-acre horizontal well spacing unit comprised of Lots 1-4 (N2N2 equivalent) of irregular Section 6 and Lots 1-4 (N2N2 equivalent) of irregular Section 5 to be initially dedicated to the proposed **Sig 6/5 B2DA Fed Com #1H** well to be horizontally drilled from a surface location in Lot 1 (NE4NE4 equivalent) of irregular Section 1, Township 20 South, Range 28 East, to a bottom hole location in Lot 1 (NE4NE4 equivalent) of Section 5, Township 20 South, Range 29 East.

4. **Exhibit A-1** contains the Form C-102s for the proposed initial wells. They reflect that the wells will be at standard locations under the Division's statewide rules for oil wells.

5. **Exhibit A-2** is a general location map noting the location of the acreage being pooled and the lateral trajectory of the proposed wells. The acreage is comprised of federal lands.

6. **Exhibit A-3** identifies the tracts of land comprising the proposed spacing units, the working interest ownership in each tract and their respective interest in the horizontal spacing units. Mewbourne has identified the "uncommitted" working interest owners that remain to be pooled in red.

7. There are existing spacing units in the Bone Spring formation underlying the subject acreage. Mewbourne has apprised the affected working interest owners of the proposed overlapping spacing units, and no one has objected to them.

8. Mewbourne has been able to locate all the mineral owners that it seeks to pool.



8. **Exhibit A-4** contains a sample of the well proposal letter and AFE for the proposed wells submitted to the working interest owners that Mewbourne has been able to locate. The costs reflected in these AFEs are consistent with what Mewbourne and other operators have incurred for drilling similar horizontal wells in the area in this formation.

9. **Exhibit A-5** contains a chronology of the contacts with the uncommitted mineral owners. Mewbourne has made a good faith effort to obtain voluntary joinder of these owners in the proposed spacing units and initial wells.

10. Mewbourne requests overhead and administrative rates of \$8,000 per month for drilling and \$800 per month for a producing well. These rates are consistent with the rates charged by Mewbourne and other operators for similar wells in this area.

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

12. Exhibits A-1 through A-5 were prepared by me or compiled under my direction from company business records.

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

  
TYLER JOLLY

6/27/22  
Date

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 3 main rows: 1 API Number (PENDING), 2 Pool Code (65010), 3 Pool Name (WINCHESTER BONE SPRING); 4 Property Code, 5 Property Name (SIG 6/5 B2EH FED COM), 6 Well Number (1H); 7 OGRID NO. (14744), 8 Operator Name (MEWBOURNE OIL COMPANY), 9 Elevation (3292')

10 Surface Location

Table with 10 columns: UL or lot no. (1), Section (1), Township (20S), Range (28E), Lot Idn, Feet from the (660), North/South line (NORTH), Feet From the (205), East/West line (EAST), County (EDDY)

11 Bottom Hole Location If Different From Surface

Table with 10 columns: UL or lot no. (H), Section (5), Township (20S), Range (29E), Lot Idn, Feet from the (1980), North/South line (NORTH), Feet from the (100), East/West line (EAST), County (EDDY)

Table with 4 columns: 12 Dedicated Acres (309.88), 13 Joint or Infill, 14 Consolidation Code, 15 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.

Survey plat showing geodetic data, surface location, bottom hole location, corner data, and operator/surveyor certifications. Includes a grid of lots (LOT 1-7) and a blue circular seal for Robert M. Howett, Professional Surveyor, New Mexico, 19680.

17 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 fields.

18 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.

6-22-18 Date of Survey, Signature and Seal of Professional Surveyor, 19680 Certificate Number, REV: NAME CHANGE 05/20/22

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

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 <b>30 015 48800</b>		<sup>2</sup> Pool Code <b>65010</b>		<sup>3</sup> Pool Name <b>WINCHESTER BONE SPRING</b>	
<sup>4</sup> Property Code <b>331331</b>		<sup>5</sup> Property Name <b>SIG 6/5 B2DA FEDERAL COM</b>			<sup>6</sup> Well Number <b>1H</b>
<sup>7</sup> GRID NO. <b>14744</b>		<sup>8</sup> Operator Name <b>MEWBOURNE OIL COMPANY</b>			<sup>9</sup> Elevation <b>3292'</b>

<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
<b>1</b>	<b>1</b>	<b>20S</b>	<b>28E</b>		<b>660</b>	<b>NORTH</b>	<b>205</b>	<b>EAST</b>	<b>EDDY</b>

<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
<b>1</b>	<b>5</b>	<b>20S</b>	<b>29E</b>		<b>500</b>	<b>NORTH</b>	<b>100</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>332.68</b>	<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.

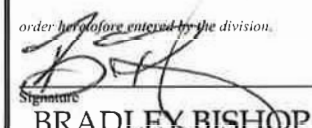
**16**

<u>GEODETIC DATA</u> NAD 83 GRID - NM EAST	<u>CORNER DATA</u> NAD 83 GRID - NM EAST	J: FOUND BRASS CAP "1916" N 580365.0 - E 616706.0
<u>SURFACE LOCATION</u> N 585106.1 - E 606251.5 LAT: 32.6083314° N LONG: 104.1225219° W	A: FOUND BRASS CAP "1942" N 580454.6 - E 601133.7 B: FOUND BRASS CAP "1942" N 583106.0 - E 601136.9	K: FOUND BRASS CAP "1916" N 580369.0 - E 614058.1 L: FOUND BRASS CAP " 1916" N 580372.5 - E 611413.2
<u>BOTTOM HOLE</u> N 585250.0 - E 616597.5 LAT: 32.6086661° N LONG: 104.0889216° W	C: FOUND BRASS CAP "1941" N 585733.7 - E 601140.1 D: FOUND BRASS CAP "1941" N 585750.5 - E 603795.4	M: FOUND BRASS CAP "1916" N 580368.4 - 608772.1 N: FOUND BRASS CAP "1916" N 580365.5 - E606463.1
	E: FOUND BRASS CAP "1916" N 585767.2 - E 606452.8 F: FOUND BRASS CAP "1916" N 585766.9 - E 608834.4	O: FOUND BRASS CAP "1916" N 580470.7 - E 606464.6 P: FOUND BRASS CAP "1942" N 580461.9 - 603798.9
	G: FOUND BRASS CAP "1916" N 585757.6 - E 611400.7 H: FOUND BRASS CAP "1916" N 585749.7 - E 616696.7	Q: FOUND BRASS CAP "1942" N 585757.6 - E 611400.7 R: FO 100' FEL N 585757.6 - E 611400.7
	I: FOUND BRASS CAP "1916" N:583011.3 - E: 616701.2	S: FOUND BRASS CAP "1916" N 583013.9 - E 611406.8

FTP: 500' FNL  
100' FWL

LTP: 500' FNL  
FO 100' FEL

**17 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.*

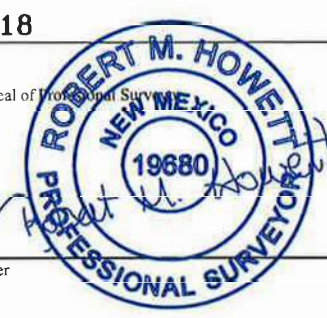
Signature:  Date: **7-20-18**

Printed Name: **BRADLEY BISHOP**

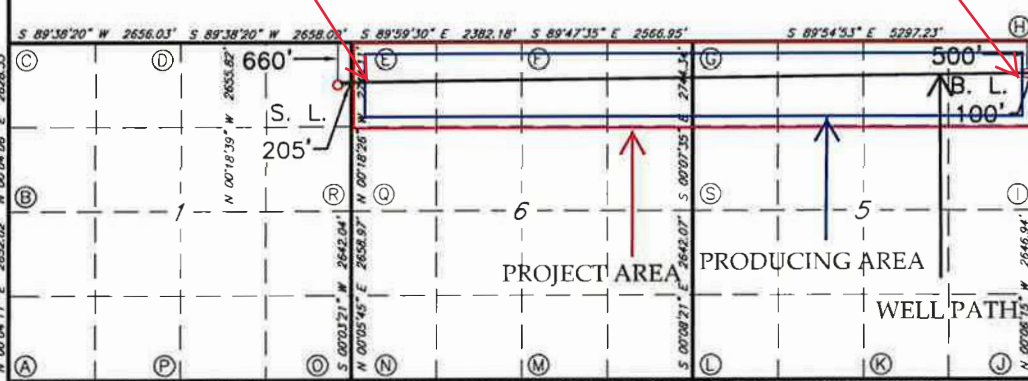
E-mail Address: **BBISHOP@MEWBOURNE.COM**

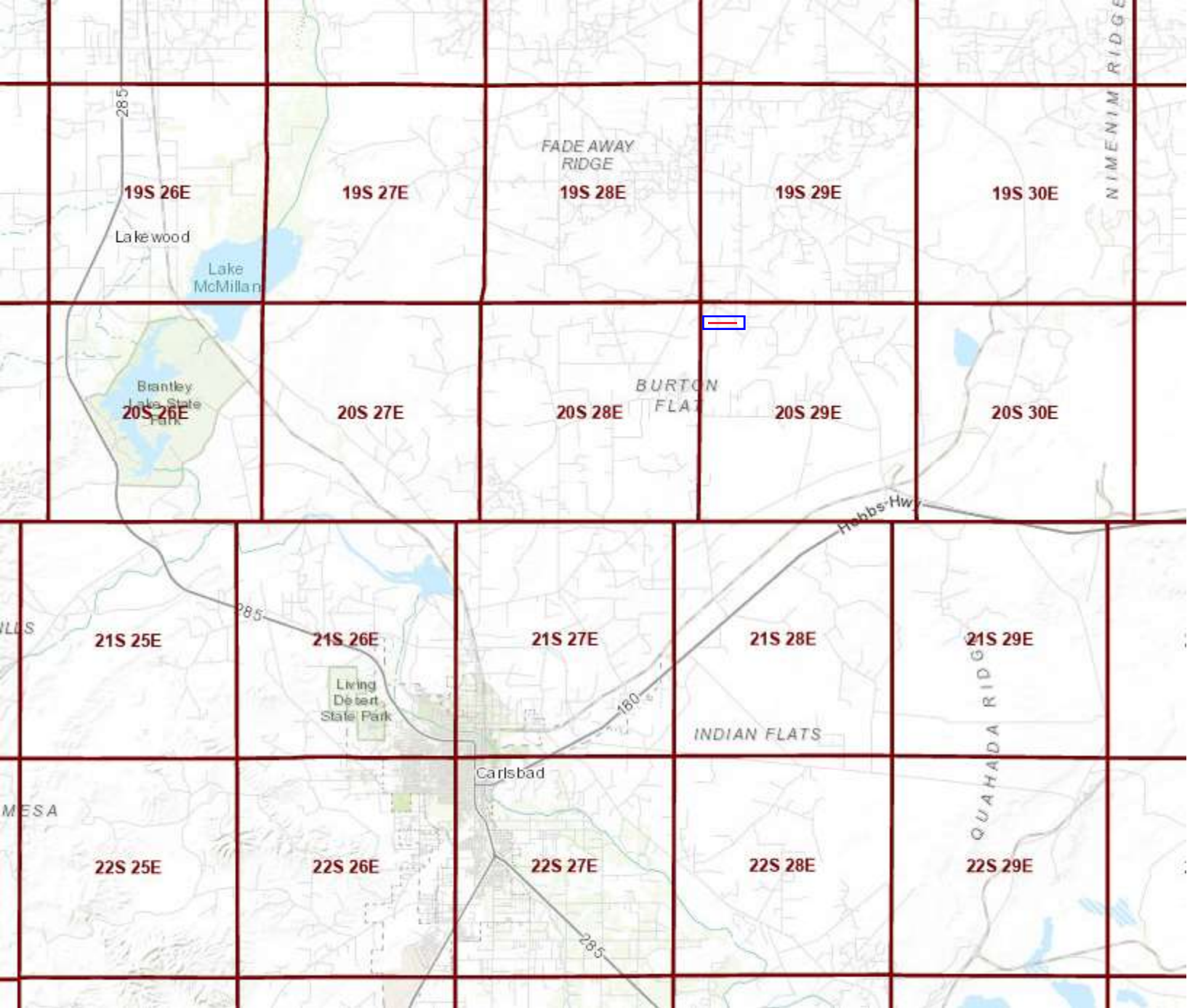
**18 SURVEYOR CERTIFICATION**  
*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Date of Survey: **6-22-18**

Signature and Seal of Professional Surveyor: 

Certificate Number: **19680**





BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. A2  
Submitted by: Mewbourne Oil Company  
Hearing Date: July 7, 2022  
Case Nos. 22869-22870



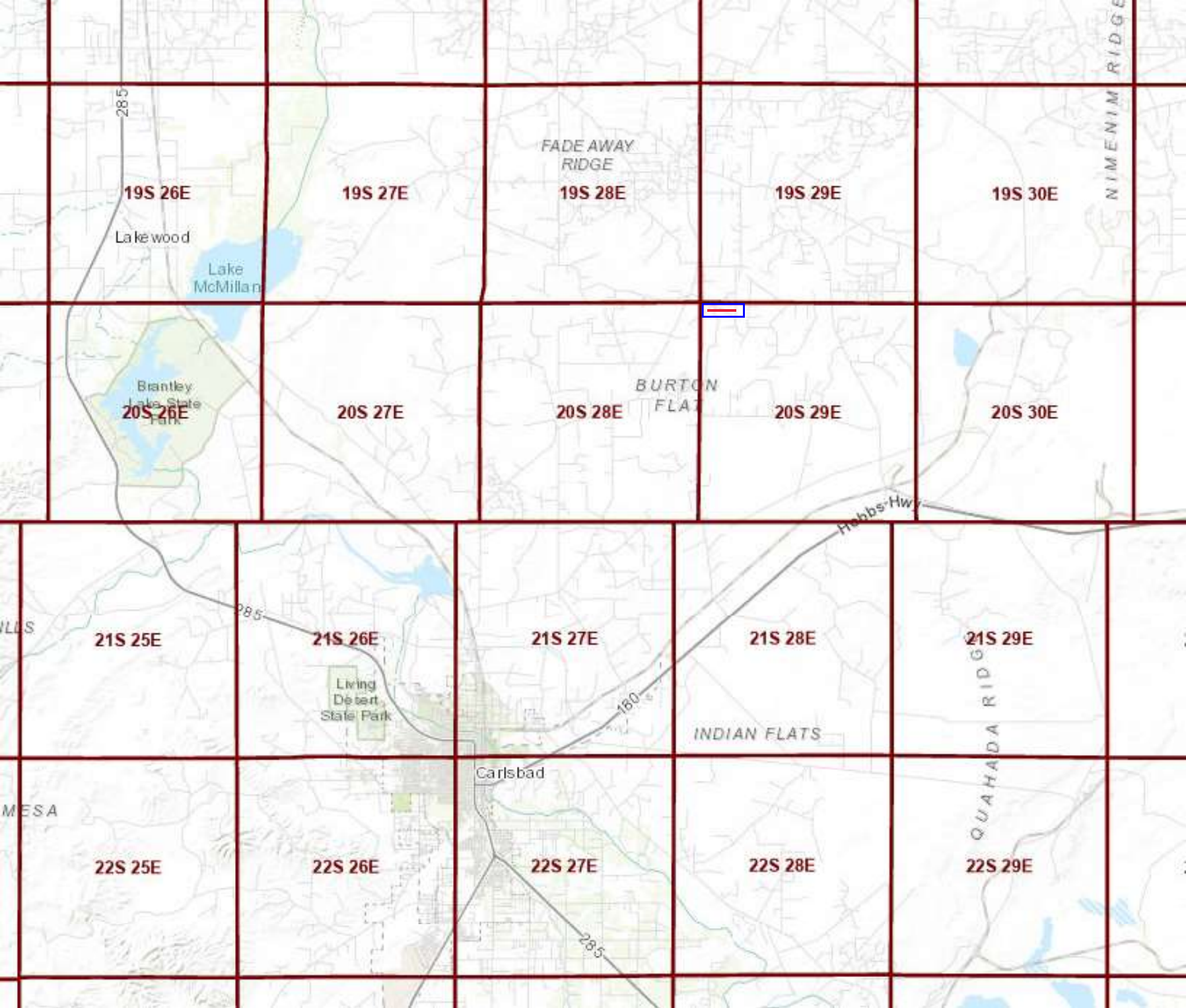
19S 31E

20S 31E

21S 30E

22S 30E

LINGSTON RIDGE





19S 31E

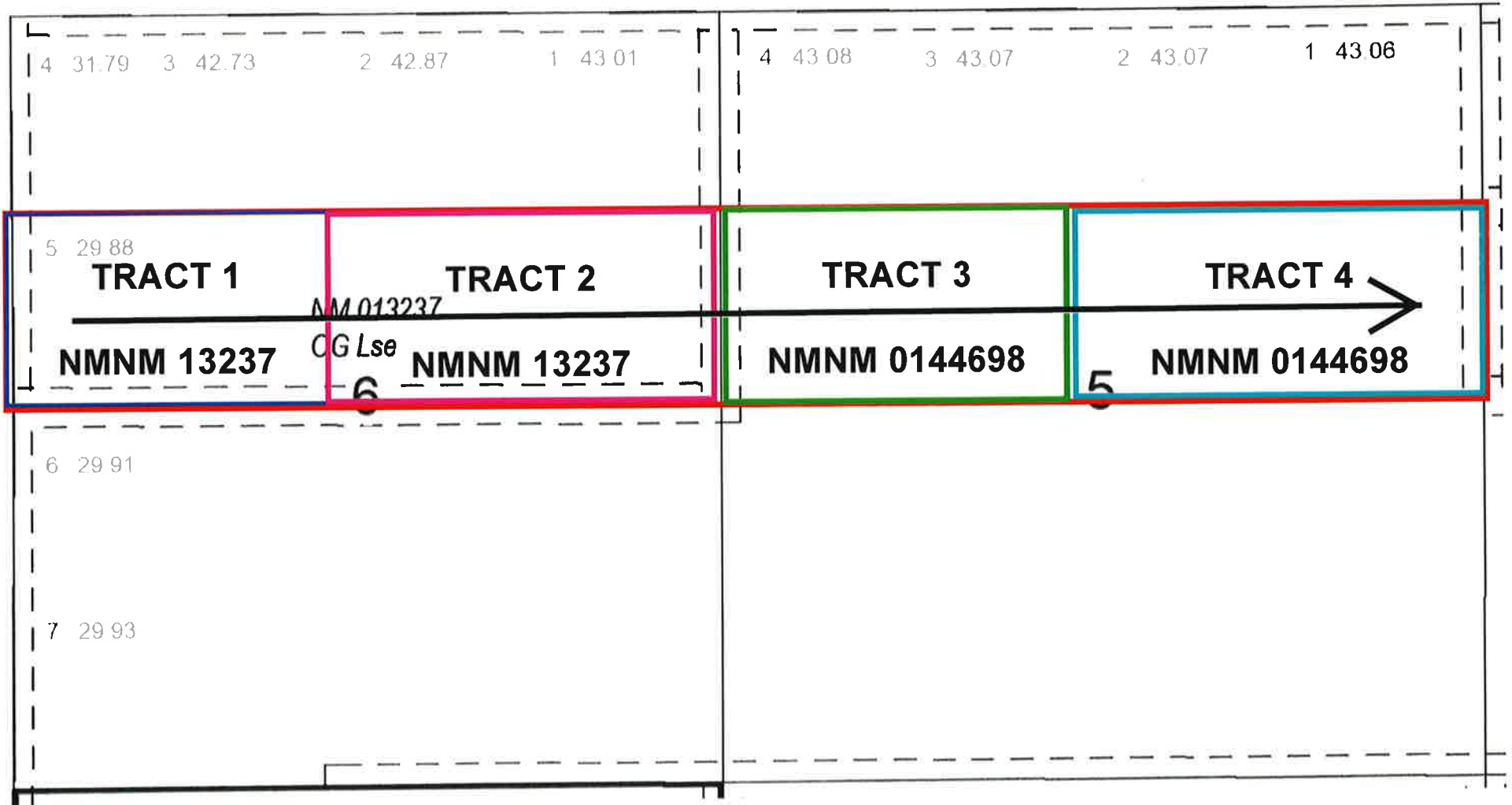
20S 31E

21S 30E

22S 30E

LINGSTON RIDGE

# SIG 6-5 B2EH FED COM #1H



BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. A3  
Submitted by: Mewbourne Oil Company  
Hearing Date: July 7, 2022  
Case Nos. 22869-22870



**Tract 1: Lot 5 (SW4NW4) and SE4NW4 of Section 6 - NMNM 13237**

Mewbourne Oil Company  
COG Operating LLC

**Tract 2: S2NE4 of Section 6 - NMNM 13237**

Mewbourne Oil Company  
COG Operating LLC  
Marathon Oil Permian LLC

**Tract 3: S2NW4 of Section 5 - NMNM 0144698**

Mewbourne Oil Company  
Magnum Hunter Production, Inc.  
Dean Family Trust

**Tract 4: S2NE4 of Section 5 - NMNM 0144698**

Mewbourne Oil Company  
Magnum Hunter Production, Inc.  
Camterra Resources Partners, Ltd.  
Alpha Energy Partners LLC

**RECAPITULATION FOR SIG 6-5 B2EH FED COM #1H**

Tract Number	Number of Acres Committeed	Percentage of Interst in Communitized Area
1	69.88	22.550665%
2	80	25.816445%
3	80	25.816445%
4	80	25.816445%
<b>TOTAL</b>	<b>309.88</b>	<b>100.000000%</b>

**Ownership by Tract Sig 6-5 B2EH Fed Com #1H**

**Tract 1: Lot 5 (SW4NW4) and SE4NW4 of Section 6 - NMNM 13237**

<b>Entity/Individual</b>	<b>Interest</b>
Mewbourne Oil Company	66.6666670%
COG Operating LLC	33.3333330%
<b>Total</b>	<b>100.0000000%</b>

**Tract 2: S2NE4 of Section 6 - NMNM 13237**

<b>Entity/Individual</b>	<b>Interest</b>
Mewbourne Oil Company	33.3333340%
COG Operating LLC	33.3333330%
Marathon Oil Permian LLC	33.3333330%
<b>Total</b>	<b>100.0000000%</b>

**Tract 3: S2NW4 of Section 5 - NMNM 0144698**

<b>Entity/Individual</b>	<b>Interest</b>
Mewbourne Oil Company	45.1108800%
Magnum Hunter Production, Inc.	53.131300%
Dean Family Trust	1.757820%
<b>Total</b>	<b>100.0000000%</b>

**Tract 4: S2NE4 of Section 5 - NMNM 0144698**

<b>Entity/Individual</b>	<b>Interest</b>
Mewbourne Oil Company	38.5206600%
Magnum Hunter Production, Inc.	54.889120%
Camterra Resources Partners, Ltd.	6.250000%
Alpha Energy Partners LLC	0.340220%
<b>Total</b>	<b>100.0000000%</b>

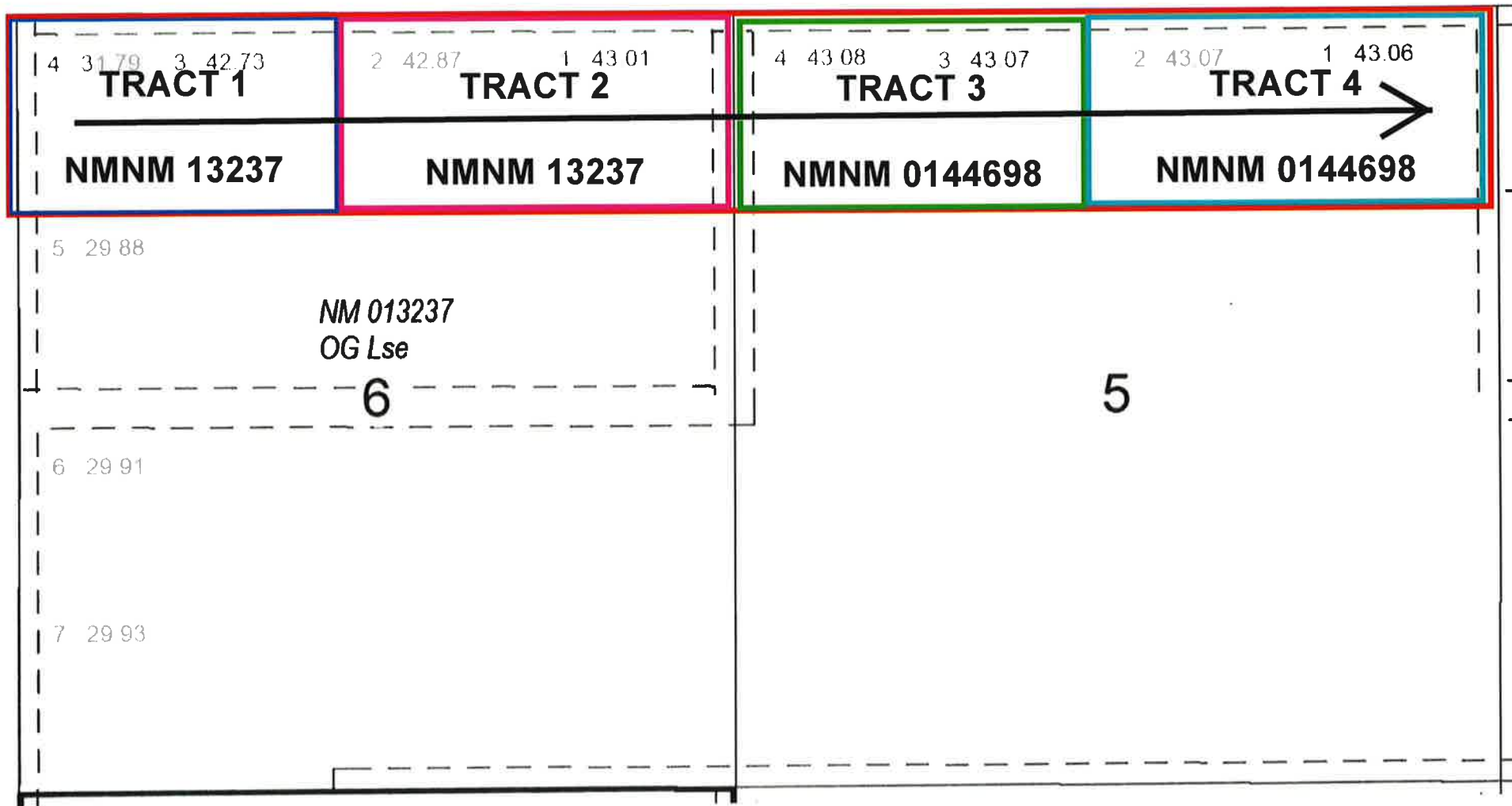
## Spacing Unit Ownership

Sig 6-5 B2DA Fed Com #1H	Interest
Mewbourne Oil Company	45.2299490%
Magnum Hunter Production, Inc.	27.8870320%
COG Operating LLC	16.1223700%
Marathon Oil Permian LLC	8.6054820%
Camterra Resources Partners, Ltd.	1.6135280%
Dean Family Trust	0.4538060%
Alpha Energy Partners LLC	0.0878330%
<b>Total</b>	<b>100.0000000%</b>

Parties in Red are being pooled -

52.6148840%

# SIG 6-5 B2DA FED COM #1H



**Tract 1: Lot 4 and Lot 3 (N2NW4) of Section 6 - NMNM 13237**

Mewbourne Oil Company  
COG Operating LLC

**Tract 3: Lot 4 and Lot 3 (N2NW4) of Section 5 - NMNM 0144698**

Mewbourne Oil Company  
Magnum Hunter Production, Inc.  
Dean Family Trust

**Tract 2: Lot 2 and Lot 1 (N2NE4) of Section 6 - NMNM 13237**

Mewbourne Oil Company  
COG Operating LLC  
Marathon Oil Permian LLC

**Tract 4: Lot 2 and Lot 1 (N2NE4) of Section 5 - NMNM 0144698**

Mewbourne Oil Company  
Magnum Hunter Production, Inc.  
Camterra Resources Partners, Ltd.  
Alpha Energy Partners LLC

**RECAPITULATION FOR SIG 6-5 B2DA FED COM #1H**

<b>Tract Number</b>	<b>Number of Acres Committeed</b>	<b>Percentage of Interst in Communitized Area</b>
1	74.52	22.399904%
2	85.88	25.814597%
3	86.15	25.895756%
4	86.13	25.889744%
<b>TOTAL</b>	<b>332.68</b>	<b>100.000000%</b>

**Ownership by Tract Sig 6-5 B2DA Fed Com #1H**

**Tract 1: Lot 4 and Lot 3 (N2NW4) of Section 6 - NMNM 13237**

<b>Entity/Individual</b>	<b>Interest</b>
Mewbourne Oil Company	66.6666670%
COG Operating LLC	33.3333330%
<b>Total</b>	<b>100.0000000%</b>

**Tract 2: Lot 2 and Lot 1 (N2NE4) of Section 6 - NMNM 13237**

<b>Entity/Individual</b>	<b>Interest</b>
Mewbourne Oil Company	33.3333340%
COG Operating LLC	33.3333330%
Marathon Oil Permian LLC	33.3333330%
<b>Total</b>	<b>100.0000000%</b>

**Tract 3: Lot 4 and Lot 3 (N2NW4) of Section 5 - NMNM 0144698**

<b>Entity/Individual</b>	<b>Interest</b>
Mewbourne Oil Company	45.1108800%
Magnum Hunter Production, Inc.	53.131300%
Dean Family Trust	1.757820%
<b>Total</b>	<b>100.0000000%</b>

**Tract 4: Lot 2 and Lot 1 (N2NE4) of Section 5 - NMNM 0144698**

<b>Entity/Individual</b>	<b>Interest</b>
Mewbourne Oil Company	38.5206600%
Magnum Hunter Production, Inc.	54.889120%
Camterra Resources Partners, Ltd.	6.250000%
Alpha Energy Partners LLC	0.340220%
<b>Total</b>	<b>100.0000000%</b>

## Spacing Unit Ownership

Sig 6-5 B2DA Fed Com #1H	Interest
Mewbourne Oil Company	45.1928390%
Magnum Hunter Production, Inc.	27.9694040%
COG Operating LLC	16.0715000%
Marathon Oil Permian LLC	8.6048650%
Camterra Resources Partners, Ltd.	1.6181090%
Dean Family Trust	0.4552010%
Alpha Energy Partners LLC	0.0880820%
<b>Total</b>	<b>100.0000000%</b>

Parties in Red are being pooled -

52.6457690%

# MEWBOURNE OIL COMPANY

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

April 27, 2022

Via Certified Mail

Alpha Energy Partners, LLC  
P.O Box 10701  
Midland, Texas 79702

Re: Sig 6-5 Working Interest Unit and Well Proposals  
Sections 6 and 5, T20S, R29E  
Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("MOC"), as Operator, hereby proposes creating a two (2) section working interest unit comprising of Section 6 and Section 5, T20S, R29E, Eddy County, New Mexico. As part of the initial development of this unit, MOC hereby proposes the following wells targeting the 2<sup>nd</sup> Bone Spring Sand interval within the Bone Spring formation:

- 1) Sig 6-5 B2DA Fed Com #1H – API #30-015-48800  
Surface Location: 630' FNL, 205' FEL, Section 1, T20S, R28E  
Bottom Hole Location: 500' FNL, 100' FEL, Section 5, T20S, R29E  
Proposed Total Vertical Depth: 7737'  
Proposed Total Measured Depth: 17926'  
Target: 2<sup>nd</sup> Bone Spring Sand
  
- 2) Sig 6-5 B2EH Fed Com #1H – API # - pending  
Surface Location: 660' FNL, 205' FEL, Section 1, T20S, R28E  
Bottom Hole Location: 1980' FNL, 100' FEL, Section 5, T20S, R29E  
Proposed Total Vertical Depth: 7747'  
Proposed Total Measured Depth: 17595'  
Target: 2<sup>nd</sup> Bone Spring Sand

The wells will be pad drilled with the first well tentatively planned to spud in July 2022. In the event you elect to participate in the proposed wells, please execute the enclosed set of Operating Agreement signature and acknowledgement pages and AFEs before returning them to the undersigned within thirty (30) days. The enclosed Operating Agreement provides a non-consent penalty of 300%/100% and COPAS drilling/producing rates of \$8000/month and \$800/month respectively. A final Exhibit A will be provided after all elections are made. Please enclose your most current well information requirements with your executed AFEs so that we may supply well data when available.

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. A4  
Submitted by: Mewbourne Oil Company  
Hearing Date: July 7, 2022  
Case Nos. 22869-22870



Please contact me at (432) 682-3715 or [tjolly@mewbourne.com](mailto:tjolly@mewbourne.com) if you have any questions or need additional information.

Very truly yours,

**MEWBOURNE OIL COMPANY**

A handwritten signature in blue ink, appearing to read "Tyler Jolly", written in a cursive style.

Tyler Jolly  
Landman

**MEWBOURNE OIL COMPANY**  
AUTHORIZATION FOR EXPENDITURE

Well Name: **SIG 6/5 B2EH FED COM #1H** Prospect: **2BSS (2.0 Mile Lateral)**  
 Location: **SL: 660 FNL & 205 FEL (1); BHL: 1980 FNL & 100 FEL (5)** County: **Eddy** ST: **NM**  
 Sec. **6/5** Blk:  Survey:  TWP: **20S** RNG: **29E** Prop. TVD: **7747** TMD: **17595**

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$80,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$15,000
Daywork / Turnkey / Footage Drilling	22 days drlg / 3 days comp @ \$23000/d	0180-0110	\$540,400	0180-0210	\$73,700
Fuel	1700 gal/day @ \$4.7/gal	0180-0114	\$187,700	0180-0214	\$497,300
Alternate Fuels		0180-0115		0180-0215	
Mud, Chemical & Additives		0180-0120	\$80,000	0180-0220	
Mud - Specialized		0180-0121	\$140,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$200,000
Stimulation Toe Preparation				0180-0223	\$50,000
Cementing		0180-0125	\$135,000	0180-0225	\$50,000
Logging & Wireline Services		0180-0130	\$30,000	0180-0230	\$370,000
Casing / Tubing / Snubbing Services		0180-0134	\$25,000	0180-0234	\$18,000
Mud Logging		0180-0137	\$15,000		
Stimulation	51 Stg 20.2 MM gal / 25.3 MM lb			0180-0241	\$2,240,100
Stimulation Rentals & Other				0180-0242	\$232,000
Water & Other		0180-0145	\$35,000	0180-0245	\$383,300
Bits		0180-0148	\$94,000	0180-0248	
Inspection & Repair Services		0180-0150	\$60,000	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	\$30,000
Welding, Construction & Maint. Services		0180-0168	\$4,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$124,400	0180-0270	\$57,100
Directional Services	Includes Vertical Control	0180-0175	\$327,250		
Equipment Rental		0180-0180	\$146,850	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,100	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190	\$5,000	0180-0290	\$10,000
Pipeline Interconnect, ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$97,200	0180-0295	\$36,000
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$128,345	0180-0299	\$220,400
<b>TOTAL</b>			<b>\$2,695,245</b>		<b>\$4,628,400</b>

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")	400' - 20" 94# X-56 BTC @ \$71.95/ft	0181-0793	\$30,700		
Casing (10.1" - 19.0")	1300' - 13 3/8" 54.5# J-55 ST&C @ \$58.73/ft	0181-0794	\$81,500		
Casing (8.1" - 10.0")	3150' - 9 5/8" 40# HCL80 LT&C @ \$41.98/ft	0181-0795	\$141,200		
Casing (6.1" - 8.0")	7000' - 7" 29# HPP110 BT&C @ \$36.92/ft	0181-0796	\$276,000		
Casing (4.1" - 6.0")	10560' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$20.31/ft			0181-0797	\$229,100
Tubing	6725' - 2 7/8" 6.5# L-80 IPC Tbg @ \$11.25/ft			0181-0798	\$80,800
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$60,000
Subsurface Equip. & Artificial Lift	ESP			0181-0880	\$80,000
Pumping Unit Systems				0181-0885	
Service Pumps	(1/2) TP/CP/Circ pump			0181-0886	\$15,000
Storage Tanks	(1/2) 6 OT/5 WT/GB			0181-0890	\$193,000
Emissions Control Equipment	(1/2) VRT's/VRU/Flare/KO's			0181-0892	\$127,500
Separation / Treating Equipment	(1/2) H sep/V sep/HT			0181-0895	\$85,000
Automation Metering Equipment	Automation/fiber/meters			0181-0898	\$75,000
Line Pipe & Valves - Gathering	(1/2) 1/2 mile gas & water			0181-0900	\$52,300
Fittings / Valves & Accessories				0181-0906	\$200,000
Cathodic Protection				0181-0908	\$7,500
Electrical Installation				0181-0909	\$130,000
Equipment Installation				0181-0910	\$140,000
Pipeline Construction	(1/2) 1/2 mile gas & water			0181-0920	\$40,000
<b>TOTAL</b>			<b>\$564,400</b>		<b>\$1,545,200</b>
<b>SUBTOTAL</b>			<b>\$3,259,645</b>		<b>\$6,173,600</b>

<b>TOTAL WELL COST</b>		<b>\$9,433,245</b>	
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Extra Expense Insurance

I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.  
Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

I elect to purchase my own well control insurance policy.

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

Prepared by: Gavin Edington Date: 4/7/2022  
 Company Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_  
 Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_

**MEWBOURNE OIL COMPANY**  
AUTHORIZATION FOR EXPENDITURE

Well Name: **SIG 6/5 B2DA FED COM #1H** Prospect: **2BSS (2.0 Mile Lateral)**  
 Location: **SL: 630 FNL & 205 FEL (1); BHL: 500 FNL & 100 FEL (5)** County: **Eddy** ST: **NM**  
 Sec. **6/5** Blk:  Survey:  TWP: **20S** RNG: **29E** Prop. TVD: **7737** TMD: **17926**

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$80,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$15,000
Daywork / Turnkey / Footage Drilling	22 days drlg / 3 days comp @ \$23000/d	0180-0110	\$540,400	0180-0210	\$73,700
Fuel	1700 gal/day @ \$4.7/gal	0180-0114	\$187,700	0180-0214	\$497,300
Alternate Fuels		0180-0115		0180-0215	
Mud, Chemical & Additives		0180-0120	\$80,000	0180-0220	
Mud - Specialized		0180-0121	\$140,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$200,000
Stimulation Toe Preparation				0180-0223	\$50,000
Cementing		0180-0125	\$135,000	0180-0225	\$50,000
Logging & Wireline Services		0180-0130	\$30,000	0180-0230	\$370,000
Casing / Tubing / Snubbing Services		0180-0134	\$25,000	0180-0234	\$18,000
Mud Logging		0180-0137	\$15,000		
Stimulation	51 Stg 20.2 MM gal / 25.3 MM lb			0180-0241	\$2,240,100
Stimulation Rentals & Other				0180-0242	\$232,000
Water & Other		0180-0145	\$35,000	0180-0245	\$383,300
Bits		0180-0148	\$94,000	0180-0248	
Inspection & Repair Services		0180-0150	\$60,000	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	\$30,000
Welding, Construction & Maint. Services		0180-0168	\$4,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$124,400	0180-0270	\$57,100
Directional Services	Includes Vertical Control	0180-0175	\$327,250		
Equipment Rental		0180-0180	\$146,850	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,100	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190	\$5,000	0180-0290	\$10,000
Pipeline Interconnect, ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$97,200	0180-0295	\$36,000
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$128,345	0180-0299	\$220,400
<b>TOTAL</b>			<b>\$2,695,245</b>		<b>\$4,628,400</b>
TANGIBLE COSTS 0181					
Casing (19.1" - 30")	400' - 20" 94# X-56 BTC @ \$71.95/ft	0181-0793	\$30,700		
Casing (10.1" - 19.0")	1300' - 13 3/8" 54.5# J-55 ST&C @ \$58.73/ft	0181-0794	\$81,500		
Casing (8.1" - 10.0")	3150' - 9 5/8" 40# HCL80 LT&C @ \$41.98/ft	0181-0795	\$141,200		
Casing (6.1" - 8.0")	7000' - 7" 29# HPP110 BT&C @ \$36.92/ft	0181-0796	\$276,000		
Casing (4.1" - 6.0")	10560' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$20.31/ft			0181-0797	\$229,100
Tubing	6725' - 2 7/8" 6.5# L-80 IPC Tbg @ \$11.25/ft			0181-0798	\$80,800
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$60,000
Subsurface Equip. & Artificial Lift	ESP			0181-0880	\$80,000
Pumping Unit Systems				0181-0885	
Service Pumps	(1/2) TP/CP/Circ pump			0181-0886	\$15,000
Storage Tanks	(1/2) 6 OT/5 WT/GB			0181-0890	\$193,000
Emissions Control Equipment	(1/2) VRT's/VRU/Flare/KO's			0181-0892	\$127,500
Separation / Treating Equipment	(1/2) H sep/V sep/HT			0181-0895	\$85,000
Automation Metering Equipment	Automation/fiber/meters			0181-0898	\$75,000
Line Pipe & Valves - Gathering	(1/2) 1/2 mile gas & water			0181-0900	\$52,300
Fittings / Valves & Accessories				0181-0906	\$200,000
Cathodic Protection				0181-0908	\$7,500
Electrical Installation				0181-0909	\$130,000
Equipment Installation				0181-0910	\$140,000
Pipeline Construction	(1/2) 1/2 mile gas & water			0181-0920	\$40,000
<b>TOTAL</b>			<b>\$564,400</b>		<b>\$1,545,200</b>
<b>SUBTOTAL</b>			<b>\$3,259,645</b>		<b>\$6,173,600</b>
<b>TOTAL WELL COST</b>			<b>\$9,433,245</b>		

Extra Expense Insurance

I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium.  
Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

I elect to purchase my own well control insurance policy.

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

Prepared by: Gavin Edington Date: 4/7/2022  
 Company Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_  
 Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_

## **Summary of Communications**

### **Sig 6-5 B2DA Fed Com #1H**

### **Sig 6-5 B2EH Fed Com #1H**

#### **Magnum Hunter Production, Inc.**

1. April 26, 2022 – emailed well proposal letter, AFEs, and Operating Agreement before hard copies were sent certified mail.
2. April 27, 2022 – well proposal letter, AFEs, and Operating Agreement sent certified mail. Proof of delivery included.
3. April 26, 2022 – May 3, 2022 – email correspondence between Riley Morris with Magnum Hunter and Tyler Jolly with Mewbourne discussing the well proposal.

#### **COG Operating LLC**

1. April 27, 2022 – well proposal letter, AFEs, and Operating Agreement sent certified mail. Proof of delivery included.
2. May 3, 2022 – June 27, 2022 – email correspondence between Baylor Mitchell with COG Operating and Tyler Jolly with Mewbourne discussing the well proposal.

#### **Marathon Oil Permian LLC**

1. April 26, 2022 – emailed well proposal letter, AFEs, and Operating Agreement before hard copies were sent certified mail.
2. April 27, 2022 – well proposal letter, AFEs, and Operating Agreement sent certified mail. Proof of delivery included.
3. May 5, 2022 – May 6, 2022 – email correspondence between Blake Williams with Marathon and Tyler Jolly Mewbourne discussing the well proposal.

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

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

**CASE NOS. 22869 & 22870**

**SELF AFFIRMMENT STATEMENT OF CHARLEY CROSBY, GEOLOGIST**

1. My name is Charles Crosby, and I am employed by Mewbourne Oil Company (“Mewbourne”) as a petroleum geologist. My responsibilities include the Permian Basin of New Mexico. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology.

2. I am familiar with the applications filed by Mewbourne in these consolidated matters and I have conducted a geologic study of the lands in the subject area.

3. The target interval for the proposed initial Sig 6/5 wells is the 2<sup>nd</sup> Bone Spring Sand formation.

4. **Exhibit B-1** is a subsea structure map that I prepared for the base of the 2<sup>nd</sup> Bone Spring Sand formation. The contour intervals are 100 feet. The area comprising the proposed spacing unit is outlined in dashed black boxes, with the approximate location and orientation of the initial wells noted with dashed green arrows. The structure map shows the base of the 2<sup>nd</sup> Bone Spring Sand formation dipping to the east/southeast. The structure appears consistent across the proposed spacing units, and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells.

5. **Exhibit B-1** also shows a line of cross section through the proposed horizontal spacing units from A to A’. I chose the logs from these wells to create the cross section because they penetrate the targeted interval, are of good quality and have been subjected to petrophysical

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. B  
Submitted by: Mewbourne Oil Company  
Hearing Date: July 7, 2022  
Case Nos. 22869-22870

analysis of the targeted interval. In my opinion, these well logs are representative of the geology in the subject area.

6. **Exhibit B-2** is a stratigraphic cross-section that I prepared using the logs from the representative wells shown on Exhibit B-1. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The target interval for the proposed wells is marked on the cross section by the green arrow. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.

7. My geologic study indicates the 2<sup>nd</sup> Bone Spring Sand formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed horizontal spacing unit will be productive and contribute proportionately to the production from the wells.

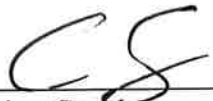
8. Exhibit B-1 also shows the existing 2<sup>nd</sup> Bone Spring Sand development in this area. In my opinion, the laydown orientation of the proposed wells is appropriate because of the stress regime in this area. Recently operators in the area have overwhelmingly drilled wells in the laydown orientation based on the above referenced regional stress regime and improved results with this orientation.

9. In my opinion, approval of this application is in the best interest of conservation, the prevention of waste, and protection of correlative rights.

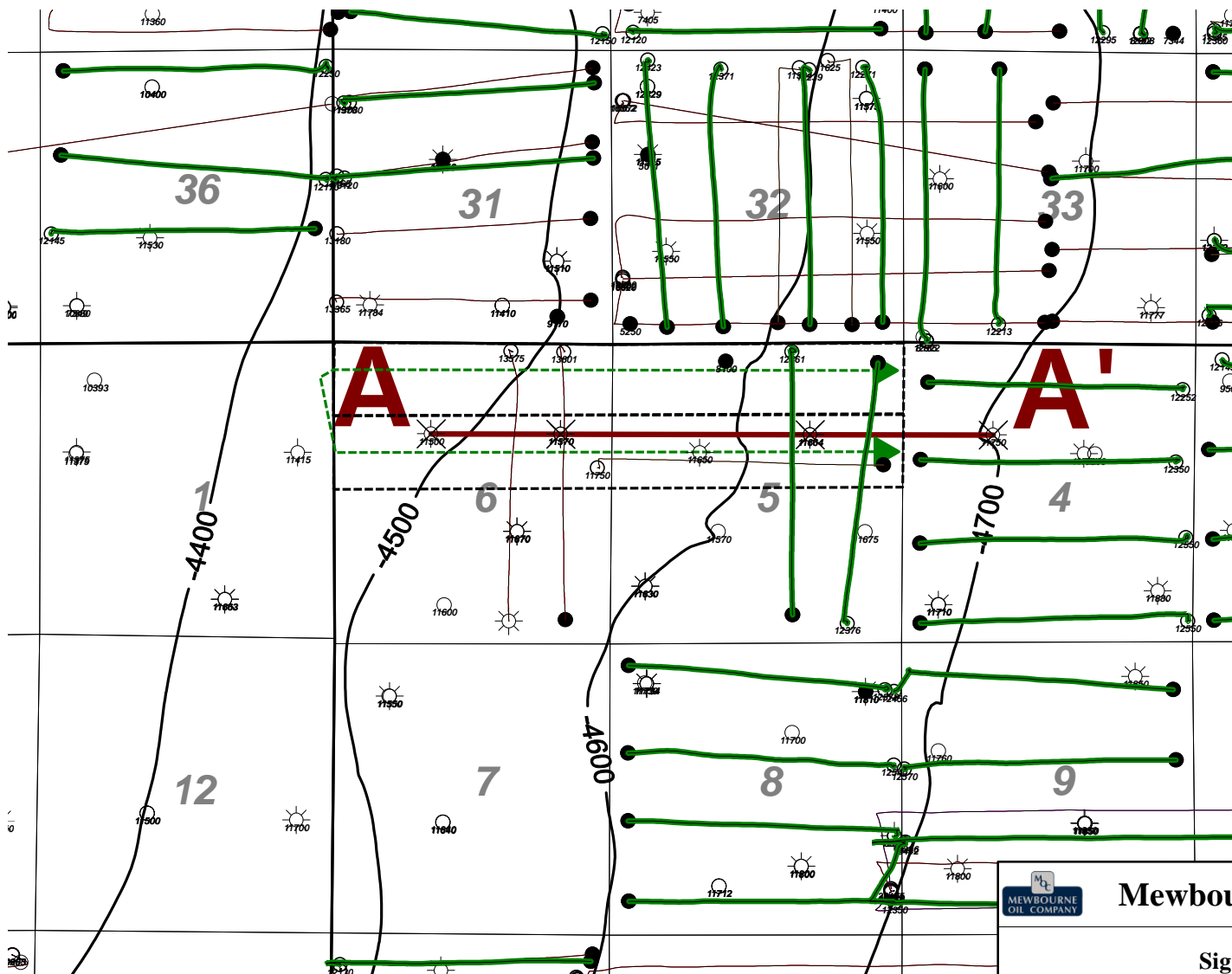
10. Exhibits B-1 through B-2 were either prepared by me or compiled under my direction and supervision.

11. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed

statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

  
\_\_\_\_\_  
Charles Crosby

6/30/22  
Date



Proration Unit

Proposed Horizontal

2<sup>nd</sup> Bone Spring SD Horizontal



**Mewbourne Oil Company**

**Sig 6/5 Area  
Horizontal Activity Map  
Base 2<sup>nd</sup> BSPG SD Structure (C.I. 100')**

6/28/22	Eddy County	New Mexico
	Wells TD < 5000' filtered out	Geol: C. Crosby



**BEFORE THE OIL CONSERVATION DIVISION**  
**Santa Fe, New Mexico**  
**Exhibit No. B1**

**Submitted by: Mewbourne Oil Company**  
**Hearing Date: July 7, 2022**  
**Case Nos. 22869-22870**



A  
W

3001534208000  
MEWBOURNE OIL CO  
RUGER 6 FEDERAL 2  
Datum=3305.00  
NW SE NW  
TWP: 20 S - Range: 29 E - Sec. 6

2338 ft

3001533905000  
MEWBOURNE OIL CO  
RUGER 6 FEDERAL 1  
Datum=3302.00  
NW SE NE  
TWP: 18 S - Range: 16 E - Sec. 10

4506 ft

3001533110000  
MEWBOURNE OIL CO  
COLT 5 FEDERAL COM 1  
Datum=3309.00  
NE SW NE  
TWP: 20 S - Range: 29 E - Sec. 5

3301 ft

3001533178000  
MEWBOURNE OIL CO  
COLT 4 FEDERAL COM 1  
Datum=3333.00  
NW SE NW  
TWP: 18 S - Range: 16 E - Sec. 10

A'  
E

6F

6H

5G

4F

500

500

Top 2nd Bone Spring Sand

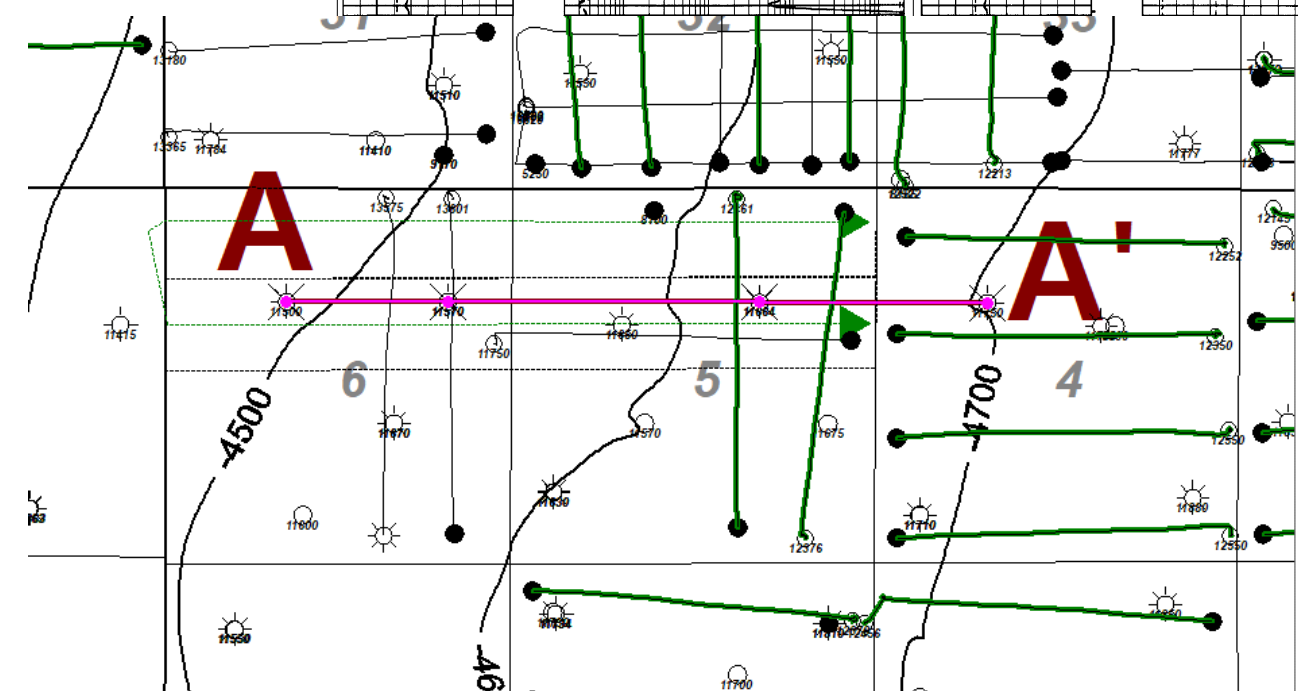
Sig 6/5 2nd BSPG SD Target

Base 2nd Bone Spring Sand

Top 3rd Bone Spring Carbonate

0

0



TD=11570.00

TD=11664.00

TD=11750.00

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. 82  
Submitted by: Mewbourne Oil Company  
Hearing Date: July 7, 2022  
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Sig 6/5 Area 2nd Bone Spring Sand  
Cross Section Exhibit (A-A')

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

**CASE NOS. 22869 & 22870**

**AFFIDAVIT**

STATE OF NEW MEXICO    )  
  ) ss.  
COUNTY OF SANTA FE    )

Michael H. Feldewert, attorney in fact and authorized representative of the Applicant herein, being first duly sworn, upon oath, states

1. The above-referenced applications and notices of the hearing on these applications were sent by certified mail to the affected parties on the date set forth in the letter attached hereto.
2. The spreadsheet attached hereto contains the names of the parties to whom notice was provided.
3. The spreadsheet attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of June 28, 2022



Michael H. Feldewert

**BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. C  
Submitted by: Mewbourne Oil Company  
Hearing Date: July 7, 2022  
Case Nos. 22869-22870**

SUBSCRIBED AND SWORN to before me this 5th day of July, 2022 by Michael H. Feldewert.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:

Nov. 12, 2023

STATE OF NEW MEXICO  
NOTARY PUBLIC  
CARLA GARCIA  
COMMISSION # 1127528  
COMMISSION EXPIRES 11/12/2023



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

June 17, 2022

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

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

**Re: Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico: Sig 6-5 B2DA Fed Com #1H**

Ladies & Gentlemen:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on July 7, 2022, and the status of the hearing can be monitored through the Division’s website at <http://www.emnrd.state.nm.us/ocd/>.

**During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>.**

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

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

Michael H. Feldewert

**ATTORNEY FOR MEWBOURNE OIL COMPANY**

18922662\_v1

MOC - Sig 6-5  
Case Nos. 22869-22870 Postal Delivery Report

TrackingNo	ToName	DeliveryAddress	City	State	Zip	USPS_Status
9414811898765878875174	Camterra Resources Partners, Ltd.	2615 E End Blvd S	Marshall	TX	75672-7425	Your item was delivered to the front desk, reception area, or mail room at 10:06 am on June 21, 2022 in MARSHALL, TX 75672.
9414811898765878875310	COG Operating LLC Attn Baylor Mitchell	600 W Illinois Ave	Midland	TX	79701-4882	Your item was picked up at a postal facility at 7:37 am on June 22, 2022 in MIDLAND, TX 79701.
9414811898765878875365	Dean Family Trust Attn Ann Creamer, Trustee	PO Box 51307	Midland	TX	79710-1307	Your item was delivered at 3:22 pm on June 22, 2022 in MIDLAND, TX 79705.
9414811898765878875303	Estate of Howard C. Warren, Deceased	161 N Clark St Ste 3100	Chicago	IL	60601-3242	Your item was delivered to the front desk, reception area, or mail room at 3:10 pm on June 22, 2022 in CHICAGO, IL 60601.
9414811898765878875341	Magnum Hunter Production, Inc. Attn Riley Morris	600 N Marienfeld St Ste 600	Midland	TX	79701-4405	Your item was delivered to an individual at the address at 9:21 am on June 21, 2022 in MIDLAND, TX 79701.
9414811898765878875334	Marathon Oil Permian LLC	990 Town And Country Blvd	Houston	TX	77024-2217	Your item was delivered to the front desk, reception area, or mail room at 2:52 pm on June 21, 2022 in HOUSTON, TX 77024.