

**CASE NO. 23324**

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

**EXHIBIT LIST**

1. Application and Proposed Notice
2. Landman's Affidavit
3. Geologist's Affidavit
4. Affidavit of Mailing
5. Publication Affidavit
6. Pooling Checklist
7. Certified Notice Spreadsheet

**BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION**

**APPLICATION OF MEWBOURNE OIL COMPANY  
FOR COMPULSORY POOLING AND APPROVAL OF  
A NON-STANDARD SPACING AND PRORATION  
UNIT, EDDY COUNTY, NEW MEXICO.**

Case No. 23324

**APPLICATION**

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/2 of Section 23 and the S/2 of Section 24, Township 21 South, Range 27 East, N.M.P.M., Eddy County, New Mexico, and approval of a non-standard spacing and proration unit therefor, and in support thereof, states:

1. Applicant is an interest owner in the S/2 of Section 23 and the S/2 of Section 24, and has the right to drill a well or wells thereon.
2. Applicant proposes to drill the following wells to a depth sufficient to test the Wolfcamp formation: (a) the Chile Verde W0LI 23/24 Fed. Com. Well No. 1H, a horizontal well with a first take point in the NW/4SW/4 of Section 23 and a last take point in the NE/4SE/4 of Section 24; and (b) the Chile Verde W0MP 23/24 Fed. Com. Well No. 1H, a horizontal well with a first take point in the SW/4SW/4 of Section 23 and a last take point in the SE/4SE/4 of Section 24. The producing interval of each well will be orthodox.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the S/2 of Section 23 and the S/2 of Section 24 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

EXHIBIT

the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Wolfcamp formation underlying the S/2 of Section 23 and the S/2 of Section 24, pursuant to NMSA 1978 §70-2-17.


5. Applicant requests that the wells be dedicated to a non-standard 640-acre spacing and proration unit in the Lone Tree Draw-Wolfcamp (oil) Pool.

6. The pooling of all uncommitted mineral interest owners in the Wolfcamp formation underlying the S/2 of Section 23 and the S/2 of Section 24, and approval of the non-standard spacing and proration unit, will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

**WHEREFORE**, applicant requests that, after notice and hearing. The Division enters its order:

- A. Pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying the S/2 of Section 23 and the S/2 of Section 24;
- B. Approving the non-standard spacing and proration unit;
- C. Designating applicant as operator of the proposed wells;
- D. Considering the cost of drilling, completing, and equipping the wells, and allocating the cost among the wells' working interest owners;
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- F. Setting a 200% charge for the risk involved in drilling, completing, and equipping the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

A handwritten signature in blue ink that reads "James Bruce". The signature is written in a cursive style with a vertical line extending downwards from the end of the name.

---

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

Attorney for Mewbourne Oil Company

***Application of Mewbourne Oil Company for compulsory pooling, and approval of a non-standard spacing and proration unit, Eddy County, New Mexico.*** Mewbourne Oil Company seeks an order pooling all uncommitted mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/2 of Section 23 and the S/2 of Section 24, Township 21 South, Range 27 East, NMPM. The unit will be dedicated to: (a) the Chile Verde W0LI 23/24 Fed. Com. Well No. 1H, a horizontal well with a first take point in the NW/4SW/4 of Section 23 and a last take point in the NE/4SE/4 of Section 24; and (b) the Chile Verde W0MP 23/24 Fed. Com. Well No. 1H, a horizontal well with a first take point in the SW/4SW/4 of Section 23 and a last take point in the SE/4SE/4 of Section 24. Applicant requests that the wells be dedicated to a non-standard 640-acre spacing and proration unit in the Lone Tree Draw-Wolfcamp (oil) Pool. Also to be considered will be the cost of drilling, completing, 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, and equipping the wells. The well unit is located approximately 4 miles northeast of Carlsbad, New Mexico.

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

**APPLICATION OF MEWBOURNE OILCOMPANY  
FOR COMPULSORY POOLING AND A NON-STANDARD  
SPACING AND PRORATION UNIT, EDDY COUNTY,  
NEW MEXICO.**

**Case No. 23324**

**SELF-AFFIRMED STATEMENT OF JOSH ANDERSON**

Josh Anderson, being duly sworn upon his oath, deposes and states:

1. I am a landman for Mewbourne Oil Company (“Mewbourne”), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.

2. Pursuant to Division Rules, the following information is submitted in support of the compulsory pooling application filed herein.

3. The purpose of this application is to force pool working interest owners into the Wolfcamp horizontal spacing unit described below, and in wells to be drilled in the unit.

4. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests to the wells.

5. A plat outlining the unit being pooled is submitted as Attachment A. Mewbourne seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/2 of Section 23 and the S/2 of Section 24, Township 21 South, Range 27 East, NMPM. The unit will be dedicated to:

(a) The Chile Verde WOLI 23/24 Fed. Com. Well No. 1H, a horizontal well with a first take point in the NW/4SW/4 of Section 23 and a last take point in the NE/4SE/4 of Section 24; and

(b) The Chile Verde WOMP 23/24 Fed. Com. Well No. 1H, a horizontal well with a first take point in the SW/4SW/4 of Section 23 and a last take point in the SE/4SE/4 of Section 24.

Applicant also requests that the wells be dedicated to a non-standard 640-acre spacing and proration unit in the Lone Tree Draw-Wolfcamp (oil) Pool, as discussed further below.

C-102s for the wells are submitted as part of Attachment A.

EXHIBIT

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6. The parties being pooled, and their interests, are set forth in Attachment B.
7. There is no depth severance in the Wolfcamp formation.
8. Attachment C is a summary of communications and copies of the proposal letters sent to the interest owners. All interest owners are locatable.
9. Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well.
10. Attachment D contains the Authorizations for Expenditure for the proposed wells. The estimated costs of the wells set forth therein are fair and reasonable, and comparable to the costs of other wells of similar depth and length drilled in this area of Eddy County.
11. Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. They are also the rates set forth in the proposed Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
12. Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
13. Mewbourne requests that it be designated operator of the wells.
14. The non-standard spacing and proration unit is requested for the following reasons:
  - a. In Case No. 21724 Mewbourne pooled the Wolfcamp formation underlying N/2 of Sections 23 and 24. The pooling checklist for the unit and wells is part of Attachment E. The application was granted by Order No. R-21757. Those wells have been drilled.
  - b. In Case No. 21725 Mewbourne pooled the Wolfcamp formation underlying S/2 of Sections 23 and 24 (the acreage being pooled in this case. The pooling checklist for the unit and wells is part of Attachment E. The application was granted by Order No. R-21758. Those wells have not been drilled, and the order expired.
  - c. As set forth in the pooling checklists, the wells were placed by the Division in the Alacran Hills Wolfcamp Gas Pool, which is spaced on 320 acres. The N/2 wells were drilled on that basis.
  - d. Thereafter, the Division changed the pool designation to the Lone Tree Draw Wolfcamp Pool, which is an oil pool spaced on 40 acres. (The pool was created by Division Order No. R-11815.) Mewbourne subsequently filed an administrative

application for a non-standard 640 acre unit in the N/2 of Sections 23 and 24. The application was granted by the Division.

e. Mewbourne requests approval of a non-standard unit in this case due to:

(i) The wells were proposed as 640 acre wells units. Attachment C.

(ii) Interest ownership (tracts, parties, and percentage interests) is the same in the N/2S/2 of Sections 23 and 24 as in the S/2S/2 of Sections 23 and 24. Attachment B. Thus no interest owner is or could be adversely affected.

(iii) The non-standard unit will allow efficient administration of the wells in the unit, and surface use and facilities will be minimized.

15. In reviewing well data for this area it was noticed that the State IR Well No. 1, located in Unit E of Section 23, was completed in the Wolfcamp formation in 1985, with the W/2 of Section 23 dedicated to the well. Attachment F. It was placed in the East Carlsbad-Wolfcamp Gas Pool by the Division.

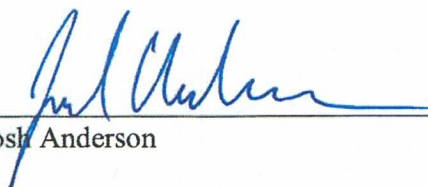
A review of data from that well reveals that it is no longer producing from the Wolfcamp formation. (The well is a Bone-Spring producer.) Thus Mewbourne asserts there is no overlapping well unit.

16. The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.

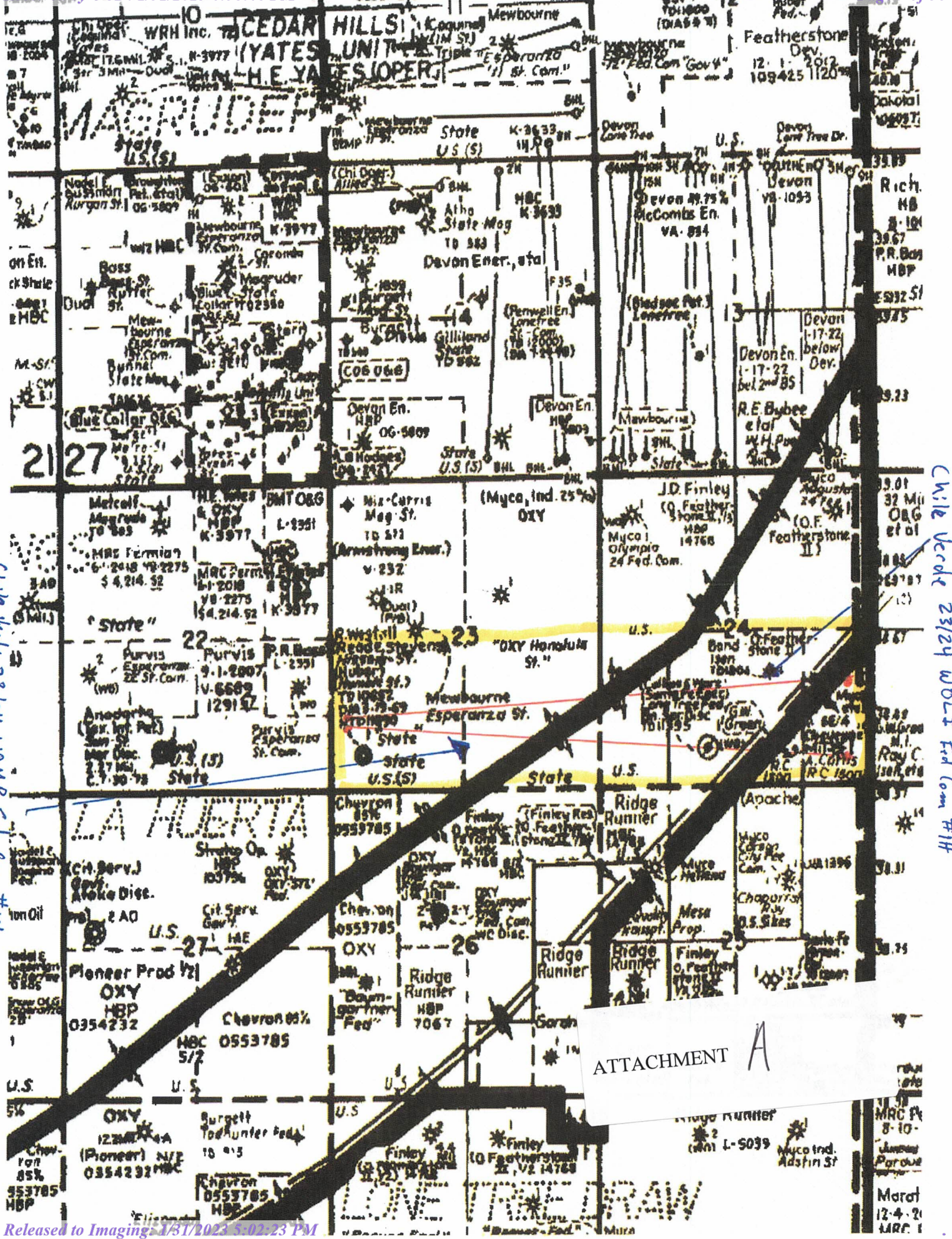
17. The granting of this application is in the interests of conservation and the prevention of waste.

18. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 17 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.

Date: 1/30/23

  
Josh Anderson





Chile Well 23/24 WOMP Fed Com #11

Chile Well 23/24 WOLT Fed Com #11

ATTACHMENT A

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 Lone Tree

<sup>1</sup> API Number <b>30-015-49565</b>		<sup>2</sup> Pool Code <b>98314 97208</b>		<sup>3</sup> Pool Name <del>ALACRAN HILLS UPPER</del> <b>Draw: Wolfcamp WOLFCAMP OIL</b>					
<sup>4</sup> Property Code <b>332880</b>		<sup>5</sup> Property Name <b>CHILE VERDE 23/24 WOLI FED COM</b>			<sup>6</sup> Well Number <b>1H</b>				
<sup>7</sup> OGRID NO. <b>14744</b>		<sup>8</sup> Operator Name <b>MEWBOURNE OIL COMPANY</b>			<sup>9</sup> Elevation <b>3235'</b>				
<sup>10</sup> Surface Location									
UL or lot no. <b>M</b>	Section <b>23</b>	Township <b>21S</b>	Range <b>27E</b>	Lot Idn	Feet from the <b>1230</b>	North/South line <b>SOUTH</b>	Feet From the <b>440</b>	East/West line <b>WEST</b>	County <b>EDDY</b>
<sup>11</sup> Bottom Hole Location If Different From Surface									
UL or lot no. <b>I</b>	Section <b>24</b>	Township <b>21S</b>	Range <b>27E</b>	Lot Idn	Feet from the <b>1980</b>	North/South line <b>SOUTH</b>	Feet from the <b>100</b>	East/West line <b>EAST</b>	County <b>EDDY</b>
<sup>12</sup> Dedicated Acres <b>640</b>		<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.

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

A: FOUND BRASS CAP "1943"  
N: 530499.9 - E: 592004.8

B: FOUND BRASS CAP "1943"  
N: 533152.5 - E: 591999.4

C: FOUND BRASS CAP "1943"  
N: 535806.1 - E: 591985.8

D: FOUND BRASS CAP "1943"  
N: 535824.6 - E: 594655.4

E: FOUND BRASS CAP "1943"  
N: 535844.8 - E: 597324.4

F: FOUND BRASS CAP "1943"  
N: 535884.9 - E: 600001.9

G: FOUND BRASS CAP "1943"  
N: 535925.1 - E: 602680.8

H: FOUND BRASS CAP "1916"  
N: 530599.3 - E: 602729.8

I: FOUND 1/2" REBAR W/RED PLASTIC CAP "PE & PS 5412"  
N: 530538.9 - E: 600049.5

J: FOUND BRASS CAP "1943"  
N: 530531.8 - E: 597368.8

K: FOUND BRASS CAP "1943"  
N: 530516.1 - E: 594688.2

L: FOUND BRASS CAP "1943"  
N: 533189.1 - E: 597346.9

**<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 in the proposed bottom hole location, or to the best of my knowledge and belief, is the owner of mineral or working interest, or to the best of my knowledge and belief, is the owner of mineral or working interest, or to the best of my knowledge and belief, is the owner of mineral or working interest, or to the best of my knowledge and belief, is the owner of mineral or working interest.

Signature: Bradley Bishop Date: 10-29-20

Printed Name: **BRADLEY BISHOP**

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

**<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.

Date of Survey: **10-07-2020**

Signature and Seal of Professional Surveyor: [Signature]

**19680**  
Certificate Number

**16**

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

**SURFACE LOCATION**  
N: 531732.2 - E: 592442.2

LAT: 32.4616867° N  
LONG: 104.1676376° W

**BOTTOM HOLE**  
N: 532576.5 - E: 602611.6

LAT: 32.4639597° N  
LONG: 104.1346605° W

FTP 1980' FSL & 100' FWL  
LTP 1980' FSL & 100' FEL

PROJECT AREA  
PRODUCING AREA

Section 23 and 24, Township 21S, Range 27E, Eddy County, NM. Well 1H located in Section 24, Township 21S, Range 27E, Eddy County, NM. Surface location (S.L.) is 1230' from the south line of Section 23. Bottom hole (B.H.) is 100' from the east line of Section 24. The project area is bounded by the surface location and the bottom hole location. The producing area is bounded by the surface location and the bottom hole location.

District I
1625 N French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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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 10 columns: 1 API Number (30-015-49491), 2 Pool Code (98314 97208), 3 Pool Name (Lone Tree Draw; Wolfcamp), 4 Property Code (332810), 5 Property Name (CHILE VERDE 23/24 WOMP FED COM), 6 Well Number (1H), 7 OGRID NO. (14744), 8 Operator Name (MEWBOURNE OIL COMPANY), 9 Elevation (3234'), 10 Surface Location (UL or lot no. M, Section 23, Township 21S, Range 27E, Lot Idn, Feet from the 1200, North/South line SOUTH, Feet From the 440, East/West line WEST, County EDDY), 11 Bottom Hole Location (UL or lot no. P, Section 24, Township 21S, Range 27E, Lot Idn, Feet from the 660, North/South line SOUTH, Feet from the 100, East/West line EAST, County EDDY), 12 Dedicated Acres (640), 13 Joint or Infill, 14 Consolidation Code, 15 Order No.

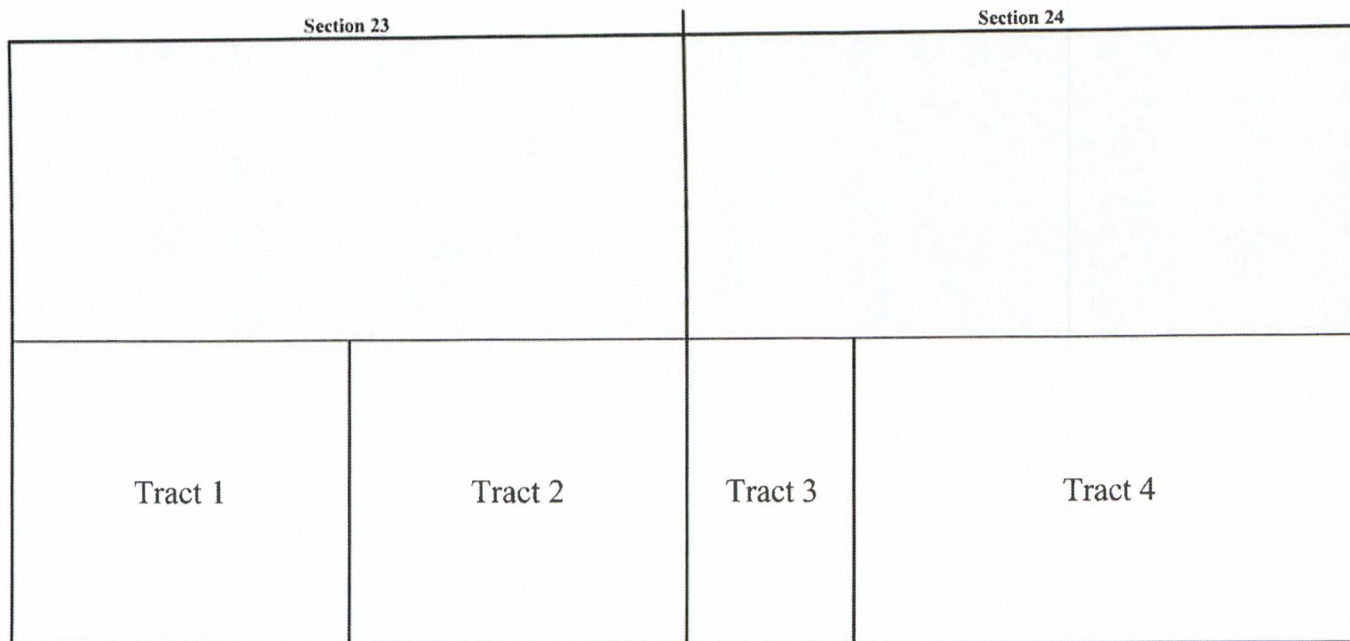
No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Diagram showing well location and acreage dedication plat. Includes corner data, geodetic data, surface location, bottom hole location, project area, and producing area. Also includes operator certification by Bradley Bishop and surveyor certification by Robert M. Howett, dated 10-07-2020. Job No: LS20090495.

**Section Plat**

Chile Verde 23/24 W0L1 Fed Com #1H & Chile Verde 23/24 W0MP Fed Com #1H  
S/2 of Section 23 & S/2 of Section 24

T21S-R27E, Eddy County, NM



Tract 1: SW/4 of Section 23 - State Lease V-232

Mewbourne Oil Company

Tract 3: W/2SW/4 of Section 24 - Federal Lease NM 14768-A

Mewbourne Oil Company  
ABO Empire, LLC  
MRC Permian Company  
EOG Resources, Inc.  
OXY Y-1 Company  
Ridge Runner Resources Operating, LLC  
Ridge Runner Resources Agent, Inc.

Tract 2: SE/4 of Section 23 - State Lease V-232

Occidental Permian Limited Partnership  
OXY Y-1 Company  
ABO Empire, LLC  
MRC Permian Company  
Sharbro Energy, LLC  
EOG Resources, Inc.  
Ridge Runner Resources Operating, LLC  
Ridge Runner Resources Agent, Inc.

Tract 4: E/2SW/4 & SE/4 of Section 24 - Multiple Fee Leases

Mewbourne Oil Company  
ABO Empire, LLC  
MRC Permian Company  
EOG Resources, Inc.  
OXY Y-1 Company  
Ridge Runner Resources Operating, LLC  
Ridge Runner Resources Agent, Inc.

ATTACHMENT B

**RECAPITULATION FOR CHILE VERDE 23/24 W0LI FED COM #1H & CHILE VERDE 23/24 W0MP FED COM #1H**

Tract Number	Number of Acres Committeed	Percentage of Interst in Communitized Area
1	160	25.000000%
2	160	25.000000%
3	80	12.500000%
4	200	37.500000%
<b>TOTAL</b>	<b>600</b>	<b>100.000000%</b>

T21S-R27E, Eddy County, NM

Section 23

Section 24

Tract 1	Tract 2	Tract 3	Tract 4

**TRACT OWNERSHIP**  
**S/2 of Section 23 & S/2 of Section 24**

**Wolfcamp Formation:**

<b>Owner</b>	<b>% of Leasehold Interest</b>
Mewbourne Oil Company, et al.	92.773637%
*MRC Permian Company One Lincoln Center 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240	5.419771%
*Ridge Runner Resources Operating, LLC 1004 North Big Spring St., Suite 325 Midland, TX 79701	0.903296%
*Ridge Runner Resources Agent, Inc. 1004 North Big Spring St., Suite 325 Midland, TX 79701	0.903296%
<b>TOTAL</b>	<b>100.000000%</b>
<b>Total Interest Being Pooled:</b>	<b>7.226363%</b>

**OWNERSHIP BY TRACT****SW/4 of Section 23**

<b>Owner</b>	<b>% of Leasehold Interest</b>
Mewbourne Oil Company	100.000000%
<b>TOTAL</b>	<b>100.000000%</b>

**SE/4 of Section 23**

<b>Owner</b>	<b>% of Leasehold Interest</b>
Mewbourne Oil Company, et al.	95.535704%
MRC Permian Company	3.348216%
Ridge Runner Resources Operating, LLC	0.558040%
Ridge Runner Resources Agent, Inc.	0.558040%
<b>TOTAL</b>	<b>100.000000%</b>

**W/2SW/4 of Section 24**

<b>Owner</b>	<b>% of Leasehold Interest</b>
Mewbourne Oil Company, et al.	87.521721%
MRC Permian Company	9.358709%
Ridge Runner Resources Operating, LLC	1.559785%
Ridge Runner Resources Agent, Inc.	1.559785%
<b>TOTAL</b>	<b>100.000000%</b>

**E/2SW/4 & SE/4 of Section 24**

<b>Owner</b>	<b>% of Leasehold Interest</b>
Mewbourne Oil Company, et al.	87.779416%
MRC Permian Company	9.165438%
Ridge Runner Resources Operating, LLC	1.527573%
Ridge Runner Resources Agent, Inc.	1.527573%
<b>TOTAL</b>	<b>100.000000%</b>

**Summary of Communications**  
**Chile Verde 23/24 WOLI Fed Com #1H &**  
**Chile Verde 23/24 WOMP Fed Com #1H**  
**S/2 of Section 23-T21S-R27E, Eddy County, NM &**  
**S/2 of Section 24-T21S-R27E, Eddy County, NM**

**MRC Permian Company:**

**10/7/2019:** Mailed a Working Interest Unit, Chile Verde 23/24 WOLI Fed Com #1H & Chile Verde 23/24 WOMP Fed Com #1H Well Proposals to the above listed party's predecessor in title.

**10/9/2019:** The above listed party's predecessor in title received and signed for the certified mailing of the above captioned Well Proposals.

**11/10/2020:** Mailed a Working Interest Unit, Chile Verde 23/24 Joint Operating Agreement to the above listed party.

**11/14/2020:** The above listed party received and signed for the certified mailing of the above captioned JOA.

**11/11/2020:** Mailed the Revised AFEs for Chile Verde 23/24 WOLI Fed Com #1H & Chile Verde 23/24 WOMP Fed Com #1H Well Proposals. The wells AFEs were revised due to the climate of the industry partially due to the national pandemic, length of time, and reduced costs.

**11/17/2020:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**11/17/2020:** Phone correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**11/18/2020:** The above listed party received and signed for the certified mailing of the above captioned Well Proposals revised AFEs.

**12/29/2020:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**2/10/2021:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**4/12/2021:** Phone correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**4/13/2021:** Phone correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**4/16/2021:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**5/19/2021:** Phone correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**7/16/2021:** Received Compulsory Pooling Order No. R-21758, pooling the above listed party.

**8/25/2021:** Received executed AFEs for above listed party.

**3/18/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**4/26/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**4/29/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**5/2/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**5/5/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**5/13/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**6/3/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**6/21/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**7/16/2022:** Compulsory Pooling Order No. R-21758, for the above listed party lapsed without drilling or renewal.

**8/4/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**8/23/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**9/7/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**9/14/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**9/16/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**11/10/2022:** Mailed the repropoed Chile Verde 23/24 WOLI Fed Com #1H & Chile Verde 23/24 WOMP Fed Com #1H Well Proposals to the above listed party.

ATTACHMENT 

**11/17/2022:** The above listed party received and signed for the certified mailing of the above captioned Well Proposals.

**12/9/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**12/15/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**12/15/2022:** Received executed AFEs for above listed party.

**Ongoing:** Mewbourne is currently negotiating with MRC Permian Company to acquire all or a portion of their interest or execute the Joint Operating Agreement.

**Ridge Runner Resources Operating, LLC:**

**10/7/2019:** Mailed a Working Interest Unit, Chile Verde 23/24 WOLI Fed Com #1H & Chile Verde 23/24 WOMP Fed Com #1H Well Proposals to the above listed party.

**10/9/2019:** The above listed party received and signed for the certified mailing of the above captioned Well Proposals.

**11/11/2020:** Mailed the Revised AFEs for Chile Verde 23/24 WOLI Fed Com #1H & Chile Verde 23/24 WOMP Fed Com #1H Well Proposals to MRC Permian Company on behalf of the above listed party. The wells AFEs were revised due to the climate of the industry partially due to the national pandemic, length of time, and reduced costs.

**11/17/2020:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**11/17/2020:** Phone correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**11/18/2020:** MRC Permian Company received and signed for the certified mailing of the above captioned Well Proposals revised AFEs on behalf of the above listed party.

**12/29/2020:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**2/10/2021:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**4/16/2021:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**1/23/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**2/25/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**3/11/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**3/22/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**3/29/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**4/28/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**11/10/2022:** Mailed the repropoed Chile Verde 23/24 WOLI Fed Com #1H & Chile Verde 23/24 WOMP Fed Com #1H Well Proposals to the above listed party.

**11/17/2022:** The above listed party received and signed for the certified mailing of the above captioned Well Proposals.

**12/9/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**Ongoing:** Mewbourne is currently negotiating with Ridge Runner Resources Operating, LLC to acquire all or a portion of their interest or execute the Joint Operating Agreement.

**Ridge Runner Resources Agent, Inc.:**

**10/7/2019:** Mailed a Working Interest Unit, Chile Verde 23/24 WOLI Fed Com #1H & Chile Verde 23/24 WOMP Fed Com #1H Well Proposals to the above listed party.

**10/9/2019:** The above listed party received and signed for the certified mailing of the above captioned Well Proposals.

**11/11/2020:** Mailed the Revised AFEs for Chile Verde 23/24 WOLI Fed Com #1H & Chile Verde 23/24 WOMP Fed Com #1H Well Proposals. The wells AFEs were revised due to the climate of the industry partially due to the national pandemic, length of time, and reduced costs.

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**12/9/2022:** Correspondence with above listed party regarding Working Interest Unit and Well Proposals.

**Ongoing:** Mewbourne is currently negotiating with Ridge Runner Resources Agent, Inc. to acquire all or a portion of their interest or execute the Joint Operating Agreement.

**MEWBOURNE OIL COMPANY**  
500 WEST TEXAS AVENUE, SUITE 1020  
MIDLAND, TEXAS 79701-4279

TELEPHONE (432) 682-3715

November 11, 2020

Via Certified Mail

MRC Permian Company  
5400 LBJ Freeway, Suite 1500  
Dallas, Texas 75240  
Attn: David Johns

Re: Chile Verde "23/24" WOLI Fed Com No. 1H  
1230' FSL & 440' FWL (SL) (Sec. 23)  
1980' FSL & 330' FEL (BHL) (Sec. 24)  
Section 23/24, T21S, R27E  
Eddy County, New Mexico

To Whom It May Concern:

Due to a recent revision of costs attributed to decreased service cost estimates, enclosed for your further handling is our updated and revised AFE dated November 9, 2020 for the captioned proposed well. The captioned well will be drilled at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,085 feet subsurface to evaluate the Wolfcamp Formation. The proposed well will have a measured depth (MD) of approximately 18,900 feet. The S/2 of the captioned Section 23 and the S/2 of the captioned Section 24 will be dedicated to the well as the proration unit. In the event your firm elects to participate in the proposed well, please execute the enclosed AFE and return to me within thirty (30) days. Mewbourne's proposed Joint Operating Agreement has been previously provided.

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

Sincerely,  
**MEWBOURNE OIL COMPANY**



Josh Anderson, RPL  
Landman

**MEWBOURNE OIL COMPANY**

500 WEST TEXAS AVENUE, SUITE 1020  
MIDLAND, TEXAS 79701-4279

TELEPHONE (432) 682-3715

November 11, 2020

Via Certified Mail

MRC Permian Company  
5400 LBJ Freeway, Suite 1500  
Dallas, Texas 75240  
Attn: David Johns

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Eddy County, New Mexico

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Sincerely,  
**MEWBOURNE OIL COMPANY**



Josh Anderson, RPL  
Landman

**MEWBOURNE OIL COMPANY**

500 WEST TEXAS AVENUE, SUITE 1020  
MIDLAND, TEXAS 79701-4279

TELEPHONE (432) 682-3715

October 7, 2019

Via Certified Mail

Ridge Runner Resources Operating, LLC  
1004 North Big Spring Street, Suite 325  
Midland, Texas 79701

Re: Chile Verde "23/24" W0LI Fed Com No. 1H  
1230' FSL & 440' FWL (SL) (Sec. 23)  
1980' FSL & 330' FEL (BHL) (Sec. 24)  
Section 23/24, T21S, R27E  
Eddy County, New Mexico

To Whom It May Concern:

Mewbourne Oil Company ("Mewbourne") hereby proposes to drill the captioned well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,085 feet subsurface to evaluate the Wolfcamp Formation. The proposed well will have a measured depth (MD) of approximately 18,900 feet. The S/2 of the captioned Section 23 and the S/2 of the captioned Section 24 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling is our AFE dated October 3, 2019 for the captioned proposed well. In the event your firm elects to participate in the proposed well, please execute the enclosed AFE and return to me within thirty (30) days. If you decide to participate, I will forward the Joint Operating Agreement for your execution.

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

Sincerely,

**MEWBOURNE OIL COMPANY**



Josh Anderson  
Landman

**MEWBOURNE OIL COMPANY**  
500 WEST TEXAS AVENUE, SUITE 1020  
MIDLAND, TEXAS 79701-4279

TELEPHONE (432) 682-3715

October 7, 2019

Via Certified Mail

Ridge Runner Resources Operating, LLC  
1004 North Big Spring Street, Suite 325  
Midland, Texas 79701

Re: Chile Verde "23/24" WOMP Fed Com No. 1H  
1200' FSL & 440' FWL (SL) (Sec. 23)  
660' FSL & 330' FEL (BHL) (Sec. 24)  
Section 23/24, T21S, R27E  
Eddy County, New Mexico

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Mewbourne Oil Company ("Mewbourne") hereby proposes to drill the captioned well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,085 feet subsurface to evaluate the Wolfcamp Formation. The proposed well will have a measured depth (MD) of approximately 18,885 feet. The S/2 of the captioned Section 23 and the S/2 of the captioned Section 24 will be dedicated to the well as the proration unit.

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Sincerely,  
**MEWBOURNE OIL COMPANY**



Josh Anderson  
Landman

**MEWBOURNE OIL COMPANY**

500 WEST TEXAS AVENUE, SUITE 1020  
MIDLAND, TEXAS 79701-4279

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October 7, 2019

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1004 North Big Spring Street, Suite 325  
Midland, Texas 79701

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1230' FSL & 440' FWL (SL) (Sec. 23)  
1980' FSL & 330' FEL (BHL) (Sec. 24)  
Section 23/24, T21S, R27E  
Eddy County, New Mexico

To Whom It May Concern:

Mewbourne Oil Company ("Mewbourne") hereby proposes to drill the captioned well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,085 feet subsurface to evaluate the Wolfcamp Formation. The proposed well will have a measured depth (MD) of approximately 18,900 feet. The S/2 of the captioned Section 23 and the S/2 of the captioned Section 24 will be dedicated to the well as the proration unit.

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Sincerely,  
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Josh Anderson  
Landman

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MIDLAND, TEXAS 79701-4279

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October 7, 2019

Via Certified Mail

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1004 North Big Spring Street, Suite 325  
Midland, Texas 79701

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Section 23/24, T21S, R27E  
Eddy County, New Mexico

To Whom It May Concern:

Mewbourne Oil Company ("Mewbourne") hereby proposes to drill the captioned well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,085 feet subsurface to evaluate the Wolfcamp Formation. The proposed well will have a measured depth (MD) of approximately 18,885 feet. The S/2 of the captioned Section 23 and the S/2 of the captioned Section 24 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling is our AFE dated October 3, 2019 for the captioned proposed well. In the event your firm elects to participate in the proposed well, please execute the enclosed AFE and return to me within thirty (30) days. If you decide to participate, I will forward the Joint Operating Agreement for your execution.

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

Sincerely,  
**MEWBOURNE OIL COMPANY**



Josh Anderson  
Landman

**MEWBOURNE OIL COMPANY**  
AUTHORIZATION FOR EXPENDITURE

Well Name: CHILE VERDE 23/24 WOLI FED COM #1H Prospect: CHILE VERDE 23/24  
 Location: SL: 1230 FSL & 440 FWL (23); BHL: 1980 FSL & 330 FEL (24) County: Eddy ST: NM  
 Sec. 23 Blk:      Survey:      TWP: 21S RNG: 27E Prop. TVD: 9311 TMD: 19563

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$75,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$40,000
Daywork / Turnkey / Footage Drilling	21 days drtg / 3 days comp @ \$29000/d	0180-0110	\$650,400	0180-0210	\$92,900
Fuel	1700 gal/day @ \$3 9/gal	0180-0114	\$148,700	0180-0214	\$398,000
Alternate Fuels		0180-0115		0180-0215	\$121,000
Mud, Chemical & Additives		0180-0120	\$85,000	0180-0220	
Mud - Specialized		0180-0121	\$210,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$240,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$160,000	0180-0225	\$50,000
Logging & Wireline Services		0180-0130	\$25,000	0180-0230	\$456,000
Casing / Tubing / Snubbing Services		0180-0134	\$35,000	0180-0234	\$25,000
Mud Logging		0180-0137	\$15,000		
Stimulation	61 Stg 25.3 MM gal / 25.3 MM lb			0180-0241	\$3,263,000
Stimulation Rentals & Other				0180-0242	\$319,000
Water & Other	70% PW f/ PWMS @ \$.050/bbl; 30% FW f/ Mes	0180-0145	\$35,000	0180-0245	\$355,000
Bits		0180-0148	\$94,000	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$154,000		
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	\$156,000	0180-0270	\$78,000
Directional Services	Includes Vertical Control	0180-0175	\$306,000		
Equipment Rental		0180-0180	\$154,900	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	\$50,000	0180-0290	\$10,000
Pipeline Interconnect, ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$93,600	0180-0295	\$39,600
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$139,600	0180-0299	\$285,400
<b>TOTAL</b>			<b>\$2,931,300</b>		<b>\$5,993,400</b>

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")	430' - 20" 94# J-55 BTC @ \$135.08/ft	0181-0793	\$62,000		
Casing (10.1" - 19.0")	990' - 13 3/8" 54.5# J-55 ST&C @ \$76.3/ft	0181-0794	\$80,700		
Casing (8.1" - 10.0")	2690' - 9 5/8" 36# J-55 LT&C @ \$51.16/ft	0181-0795	\$147,000		
Casing (6.1" - 8.0")	9315' - 7" 29# HPP110 BT&C @ \$59.83/ft	0181-0796	\$595,200		
Casing (4.1" - 6.0")	10915' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$33.47/ft			0181-0797	\$390,200
Tubing	9075' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13.6/ft			0181-0798	\$131,800
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
Pumping Unit Systems				0181-0885	
Service Pumps	(1/4) TP/CP/Circ pump			0181-0886	\$9,000
Storage Tanks	(1/4) 8 QT / 5 WT / 1 GB			0181-0890	\$117,000
Emissions Control Equipment	(1/4) 4 VRT / 2 VRU / 1 Flare / 4 KO / 1 AIR			0181-0892	\$106,000
Separation / Treating Equipment	(1/4) 4 H sep / 2 V sep / 4 VHT			0181-0895	\$91,000
Automation Metering Equipment				0181-0898	\$100,000
Oil/Gas Pipeline-Pipe/Valves&Misc	(1/4) Facility Work & GL Injection			0181-0900	\$16,000
Water Pipeline-Pipe/Valves & Misc	(1/4) SWDL Pipe/Fittings			0181-0901	\$4,000
On-site Valves/Fittings/Lines&Misc				0181-0906	\$221,000
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$132,000
Equipment Installation				0181-0910	\$74,000
Oil/Gas Pipeline - Construction	(1/4) Facility Work & GL Injection			0181-0920	\$35,000
Water Pipeline - Construction	(1/4) SWDL Construction			0181-0921	\$4,000
<b>TOTAL</b>			<b>\$934,900</b>		<b>\$1,561,000</b>
<b>SUBTOTAL</b>			<b>\$3,866,200</b>		<b>\$7,554,400</b>
<b>TOTAL WELL COST</b>					<b>\$11,420,600</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.

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: Andy Taylor Date: 11/2/2022  
 Company Approval: m. whitte Date: 11/3/2022  
 Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_  
 Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_

D  
ATTACHMENT



**MEWBOURNE OIL COMPANY**  
AUTHORIZATION FOR EXPENDITURE

<b>Well Name:</b> CHILE VERDE 23/24 W0MP FED COM #1H		<b>Prospect:</b> CHILE VERDE 23/24	
<b>Location:</b> SL: 1200 FSL & 440 FWL (23); BHL: 660 FSL & 330 FEL (24)		<b>County:</b> Eddy	<b>ST:</b> NM
<b>Sec.:</b> 23	<b>Blk.:</b>	<b>Survey:</b>	<b>TWP:</b> 21S <b>RNG:</b> 27E <b>Prop. TVD:</b> 9327 <b>TMD:</b> 19548

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$75,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$40,000
Daywork / Turnkey / Footage Drilling	21 days drlg / 3 days comp @ \$29000/d	0180-0110	\$650,400	0180-0210	\$92,900
Fuel	1700 gal/day @ \$3.9/gal	0180-0114	\$148,700	0180-0214	\$398,000
Alternate Fuels		0180-0115		0180-0215	\$121,000
Mud, Chemical & Additives		0180-0120	\$85,000	0180-0220	
Mud - Specialized		0180-0121	\$210,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$240,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$160,000	0180-0225	\$50,000
Logging & Wireline Services		0180-0130	\$25,000	0180-0230	\$456,000
Casing / Tubing / Snubbing Services		0180-0134	\$35,000	0180-0234	\$25,000
Mud Logging		0180-0137	\$15,000		
Stimulation	61 Stg 25.3 MM gal / 25.3 MM lb			0180-0241	\$3,263,000
Stimulation Rentals & Other				0180-0242	\$319,000
Water & Other	70% PW fl PWMS @ \$0.50/bbl; 30% FW fl Mes	0180-0145	\$35,000	0180-0245	\$355,000
Bits		0180-0148	\$94,000	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
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Contract Services & Supervision		0180-0170	\$156,000	0180-0270	\$78,000
Directional Services	Includes Vertical Control	0180-0175	\$306,000		
Equipment Rental		0180-0180	\$154,900	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,100	0180-0285	
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Damages		0180-0190	\$50,000	0180-0290	\$10,000
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Contingencies	5% (TCP) 5% (CC)	0180-0199	\$139,600	0180-0299	\$285,400
<b>TOTAL</b>			<b>\$2,931,300</b>		<b>\$5,993,400</b>

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Casing (4.1" - 6.0")	11125' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$33.47/ft			0181-0797	\$397,700
Tubing	8460' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13.6/ft			0181-0798	\$122,900
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
Pumping Unit Systems				0181-0885	
Service Pumps	(1/4) TP/CP/Circ pump			0181-0886	\$9,000
Storage Tanks	(1/4) 8 OT / 5 WT / 1 GB			0181-0890	\$117,000
Emissions Control Equipment	(1/4) 4 VRT / 2 VRU / 1 Flare / 4 KO / 1 AIR			0181-0892	\$106,000
Separation / Treating Equipment	(1/4) 4 H sep / 2 V sep / 4 VHT			0181-0895	\$91,000
Automation Metering Equipment				0181-0898	\$100,000
Oil/Gas Pipeline-Pipe/Valves&Misc	(1/4) Facility Work & GL Injection			0181-0900	\$16,000
Water Pipeline-Pipe/Valves & Misc	(1/4) SWDL Pipe/Fittings			0181-0901	\$4,000
On-site Valves/Fittings/Lines&Misc				0181-0906	\$221,000
Cathodic Protection				0181-0906	
Electrical Installation				0181-0909	\$132,000
Equipment Installation				0181-0910	\$74,000
Oil/Gas Pipeline - Construction	(1/4) Facility Work & GL Injection			0181-0920	\$35,000
Water Pipeline - Construction	(1/4) SWDL Construction			0181-0921	\$4,000
<b>TOTAL</b>			<b>\$895,600</b>		<b>\$1,559,600</b>
<b>SUBTOTAL</b>			<b>\$3,826,900</b>		<b>\$7,553,000</b>
<b>TOTAL WELL COST</b>					<b>\$11,379,900</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.

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: Andy Taylor Date: 11/2/2022

Company Approval: M. Whittall Date: 11/3/2022

Joint Owner Interest: \_\_\_\_\_ Amount: \_\_\_\_\_

Joint Owner Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Exhibit "A"

<b>COMPULSORY POOLING APPLICATION CHECKLIST (pdf)</b>	
<b>ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS</b>	
<b>Case: #21724</b>	<b>APPLICANT'S RESPONSE</b>
<b>17-Jun-21</b>	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company, OGRID 14744
Applicant's Counsel:	James Bruce
Case Title:	APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	MRC Permian Company/Holland & Hart LLP
Well Family	Chile Verde
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Wolfcamp Formation
Primary Product (Oil or Gas):	Gas
Pooling this vertical extent:	Wolfcamp Formation
Pool Name and Pool Code:	Alacran Hills Wolfcamp Gas Pool/Pool Code 70070
Well Location Setback Rules:	Standard Gas, 330' setback
Spacing Unit Size:	320 acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	640.00 acres
Building Blocks:	320 acres
Orientation:	West to East
Description: TRS/County	N/2 of Section 23-T21S-R27E, Eddy County N/2 of Section 24-T21S-R27E, Eddy County
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	No
Applicant's Ownership in Each Tract	Exhibit 2B
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	

REVISED  
EXHIBIT 6

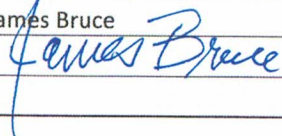
ATTACHMENT E

CASE NO. 21724  
ORDER NO. R-21757

Well #1	Chile Verde 23/24 WODA Fed Com #1H; SHL: 1115' FNL & 380' FWL (Sec. 23-T21S-R27E); BHL: 660' FNL & 330' FEL (Section 24-T21S-R27E); laydown; standard
Well #2	'Chile Verde 23/24 WOEH Fed Com #1H; SHL: 1139' FNL & 395' FWL (Sec. 23-T21S-R27E); BHL: 1980' FNL & 330' FEL (Section 24-T21S-R27E); laydown; standard
Horizontal Well First and Last Take Points	FTP: 660' FNL & 100' FWL (Sec. 23); LTP: 660' FNL & 100' FEL (Sec. 24) FTP: 1980' FNL & 100' FWL (Sec. 23); LTP: 1980' FNL & 100' FEL (Sec. 24)
Completion Target (Formation, TVD and MD)	Wolfcamp Formation; TVD: 9,085'; MD: 18,885' Wolfcamp Formation; TVD: 9,085'; MD: 18,900'
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 5
Proof of Published Notice of Hearing (10 days before hearing)	
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit 2B
Tract List (including lease numbers and owners)	Exhibit 2B
Pooled Parties (including ownership type)	Exhibit 2B
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 2C
List of Interest Owners (ie Exhibit A of JOA)	Exhibit 2B
Chronology of Contact with Non-Joined Working Interests	Exhibit 2C
Overhead Rates In Proposal Letter	

CASE NO. 21724  
ORDER NO. R-21757

Page 7 of 8

Cost Estimate to Drill and Complete	Exhibit 2D
Cost Estimate to Equip Well	Exhibit 2D
Cost Estimate for Production Facilities	Exhibit 2D
<b>Geology</b>	
Summary (including special considerations)	Exhibit 4
Spacing Unit Schematic	Exhibit 4A
Gunbarrel/Lateral Trajectory Schematic	Exhibit 4C
Well Orientation (with rationale)	Exhibit 4
Target Formation	Wolfcamp
HSU Cross Section	Exhibit 4C
Depth Severance Discussion	Exhibit 2
<b>Forms, Figures and Tables</b>	
C-102	Exhibit 2A
Tracts	Exhibit 2B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 2B
General Location Map (including basin)	Exhibit 2A
Well Bore Location Map	Exhibit 2A
Structure Contour Map - Subsea Depth	Exhibit 4A
Cross Section Location Map (including wells)	Exhibit 4B
Cross Section (including Landing Zone)	Exhibit 4C
<b>Additional Information</b>	
<p><b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b></p>	
<b>Printed Name</b> (Attorney or Party Representative):	James Bruce
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	15-Jun-21

CASE NO. 21724  
 ORDER NO. R-21757

Exhibit "A"

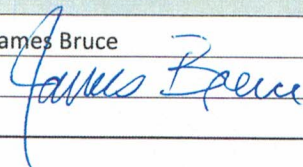
<b>COMPULSORY POOLING APPLICATION CHECKLIST (pdf)</b>	
<b>ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS</b>	
<b>Case: #21725</b>	<b>APPLICANT'S RESPONSE</b>
<b>17-Jun-21</b>	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company, OGRID 14744
Applicant's Counsel:	James Bruce
Case Title:	APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	MRC Permian Company
Well Family	Chile Verde
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Wolfcamp Formation
Primary Product (Oil or Gas):	Gas
Pooling this vertical extent:	Wolfcamp Formation
Pool Name and Pool Code:	Alacran Hills Wolfcamp Gas Pool/Pool Code 70070
Well Location Setback Rules:	Standard Gas, 330' setback
Spacing Unit Size:	320 acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	640.00 acres
Building Blocks:	320 acres
Orientation:	West to East
Description: TRS/County	S/2 of Section 23-T21S-R27E, Eddy County S/2 of Section 24-T21S-R27E, Eddy County
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	No
Applicant's Ownership in Each Tract	Exhibit 3B
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	

EXHIBIT 6

CASE NO. 21725  
ORDER NO. R-21758

Well #1	Chile Verde 23/24 WOLI Fed Com #1H; SHL: 1230' FSL & 440' FWL (Sec. 23-T21S-R27E); BHL: 1980' FSL & 330' FEL (Section 24-T21S-R27E); laydown; standard
Well #2	'Chile Verde 23/24 WOMP Fed Com #1H; SHL: 1200' FSL & 440' FWL (Sec. 23-T21S-R27E); BHL: 660' FSL & 330' FEL (Section 24-T21S-R27E); laydown; standard
Horizontal Well First and Last Take Points	FTP: 660' FNL & 100' FWL (Sec. 23); LTP: 660' FNL & 100' FEL (Sec. 24) FTP: 1980' FNL & 100' FWL (Sec. 23); LTP: 1980' FNL & 100' FEL (Sec. 24)
Completion Target (Formation, TVD and MD)	Wolfcamp Formation; TVD: 9,085'; MD: 18,900' Wolfcamp Formation; TVD: 9,085'; MD: 18,885'
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 5
Proof of Published Notice of Hearing (10 days before hearing)	
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit 3B
Tract List (including lease numbers and owners)	Exhibit 3B
Pooled Parties (including ownership type)	Exhibit 3B
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 3C
List of Interest Owners (ie Exhibit A of JOA)	Exhibit 3B
Chronology of Contact with Non-Joined Working Interests	Exhibit 3C
Overhead Rates In Proposal Letter	

CASE NO. 21725  
ORDER NO. R-21758

Cost Estimate to Drill and Complete	Exhibit 3D
Cost Estimate to Equip Well	Exhibit 3D
Cost Estimate for Production Facilities	Exhibit 3D
<b>Geology</b>	
Summary (including special considerations)	Exhibit 4
Spacing Unit Schematic	Exhibit 4A
Gunbarrel/Lateral Trajectory Schematic	Exhibit 4C
Well Orientation (with rationale)	Exhibit 4
Target Formation	Wolfcamp
HSU Cross Section	Exhibit 4C
Depth Severance Discussion	Exhibit 2
<b>Forms, Figures and Tables</b>	
C-102	Exhibit 3A
Tracts	Exhibit 3B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 3B
General Location Map (including basin)	Exhibit 3A
Well Bore Location Map	Exhibit 3A
Structure Contour Map - Subsea Depth	Exhibit 4A
Cross Section Location Map (including wells)	Exhibit 4B
Cross Section (including Landing Zone)	Exhibit 4C
<b>Additional Information</b>	
<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):	James Bruce
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	15-Jun-21

CASE NO. 21725  
 ORDER NO. R-21758

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105  
Revised 11-1-84

51. Indicate Type of Lease  
State  Fee [ ]  
5. State Oil & Gas Lease No.  
V-232

10. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER [ ]  
B. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESRV.  OTHER [ ]

2. Name of Operator  
AMOCO PRODUCTION COMPANY  
3. Address of Operator  
P.O. Box 68 Hobbs, NM 8  
4. Location of Well  
UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 925 FEET FROM THE West LINE OF SEC. 23 TWP. 21-S RGE. 27-E

1. County  
Eddy  
10. Field and Pool, or Locat  
East Carlsbad - Wolfcamp

15. Date ~~Started~~ OTC 2-25-85  
16. Date T.D. Reached 5-8-85  
17. Date Compl. (Ready to Prod.) 5-8-85  
18. Elevations (DF, RKB, RT, GR, etc.) 3251.7' GR  
19. Elev. Casinghead

20. Total Depth 12,000'  
21. Plug Back T.D. 9915'  
22. If Multiple Compl., how Many  
23. Intervals Drilled By Rotary Tools Cable Tools  
24. Producing interval(s), at this completion - Top, bottom, Name 9564' - 9787' Wolfcamp  
25. Was Directional Surv Made No  
27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	75#	377'	20"	475 SX Class C	Circ 15 SX
10 3/4"	45# & 40.5#	3057'	14 3/4"	2400 SX Thick Set, Lite, Class C	Circ 100 SX
7 5/8"	29.7# & 26.4#	9200'	9 1/2"	2400 SX Thick Set, Lite, Class C	Circ 100 SX

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	30. TUBING RECORD
4 1/2"	8693'	11,886'	600 SX CI H		SIZE 2-3/8" DEPTH SET 9500' PACKER SET 8595'

31. Perforation Recora (Interval, size and number)  
9564'-68', 9586'-88', 9591'-98', 9644'-66',  
9682'-92', 9704'-16', 9720'-50', 9754'-61',  
9782'-87', 4 JSPF (Diam = .380")

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
9404'-9787' 15000 gal 15% Gelled Acid w/ Add  
8693'-9787' 17000 gal 40# X-linked gel and  
18000 #5 20-40 SN w/ CO2

33. PRODUCTION  
Date First Production 3-11-85  
Production Method (Flowing, gas lift, pumping - size and type pump) Flowing  
Well Status (Prod. or Shut-in) Shut-in  
Date of Test 4-29-85 Hours Tested 24  
Choke Size 15/64" Prod'n. For Test Period Oil - Bbl. 15 Gas - MCF 287 Water - Bbl. 0 Gas-Oil Ratio 19,130  
Flow Tubing Press. 200 psi Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

24. Disposition of Gas (bld, used for) Vented  
25. List of Attachments ATTACHMENT F  
26. I hereby certify that the information  
SIGNED [Signature] TITLE Administrative Analyst  
DATE 9 May 1985

Post IO-2  
6-21-85  
PWA H2O +  
MOM  
Comp. W/S



MEXICO OIL CONSERVATION COMM.  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

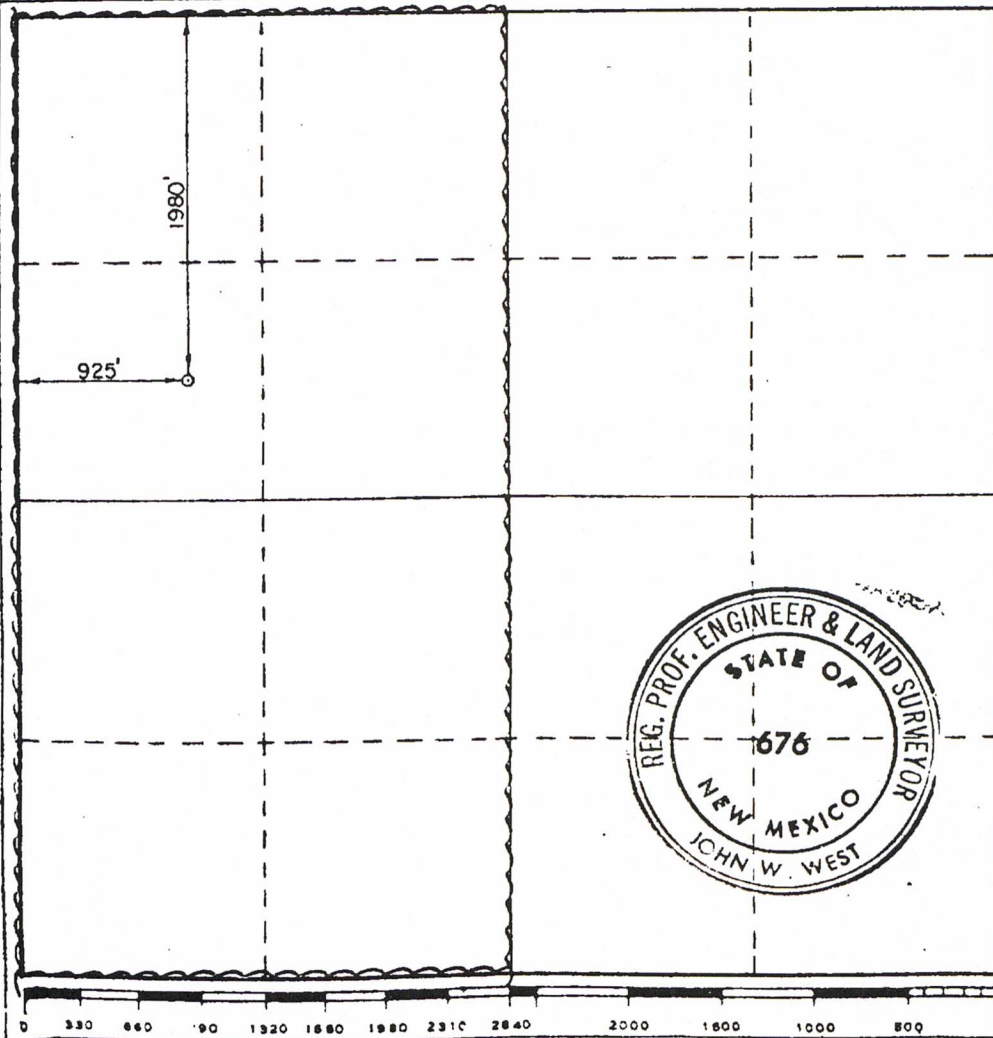
Operator <b>Amoco Production Co..</b>		Lease <b>State IR</b>		Well No. <b>1</b>
Unit Letter <b>E</b>	Section <b>23</b>	Township <b>21 South</b>	Range <b>27 East</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>1980</b> feet from the <b>North</b> line and <b>925</b> feet from the <b>West</b> line				
Ground Level Elev. <b>3251.7</b>	Producing Formation <b>Wolfcamp</b>	Pool <b>East Carlsbad - Wolfcamp</b>	Dedicated Acreage: <b>320</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **Harry C. Clark**  
 Position **Asst. Admin. Analyst**  
 Company **Amoco Production Company**  
 Date **1-24-85**

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 knowledge and belief.

**7-18-80**

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No **JOHN W. WEST 676**  
**PATRICK A. ROMERO 6683**  
**Ronald J. Eidson 3239**

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. 23324

SELF-AFFIRMED STATEMENT OF CHARLES CROSBY

COUNTY OF MIDLAND )  
 ) ss.  
STATE OF TEXAS )

Charles Crosby deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in these cases. I have been qualified by the Division as an expert petroleum geologist.
3. The following geological plats are attached hereto:
  - (a) Attachment A is a structure map on the top of the Wolfcamp Structure in a portion of 21S-27E. It shows that structure dips gently to the east. It also shows Wolfcamp Sand wells in the area (the zone to be tested by the Chile Verde wells), and a line of cross-section.
  - (c) Attachment B is a cross section showing the upper Wolfcamp formation. The well logs on the cross-section give a representative sample of the upper Wolfcamp formation in this area. The sand is continuous and uniformly thick across the well unit.
4. I conclude from the maps that:
  - (a) The horizontal spacing unit is justified from a geologic standpoint.
  - (b) The target zone is continuous and of uniform thickness across the well unit.
  - (c) Each quarter-quarter section in the well unit will contribute more or less equally to production.
  - (d) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.

EXHIBIT 3

5. Attachment C contains Survey Calculation Reports for the proposed wells. Horizontal Drilling plans have not yet been generated on these wells. However, they are based on the Survey Calculation Reports.

6. The producing interval of the wells will be orthodox.


7. The existing data, and wells in the immediate area, show that laydown units are the favored orientation.

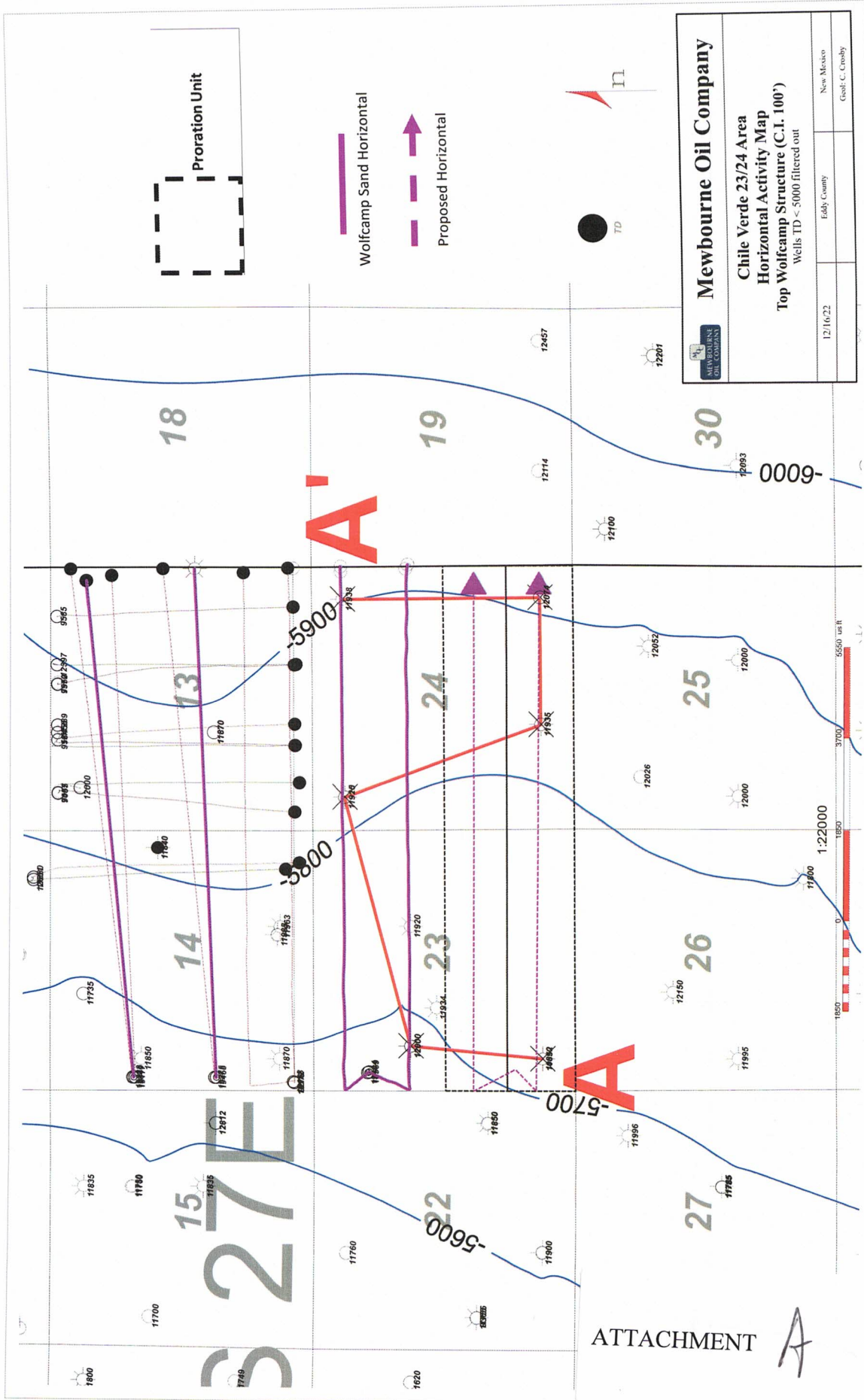
8. The attachments hereto were prepared by me or compiled from company business records,

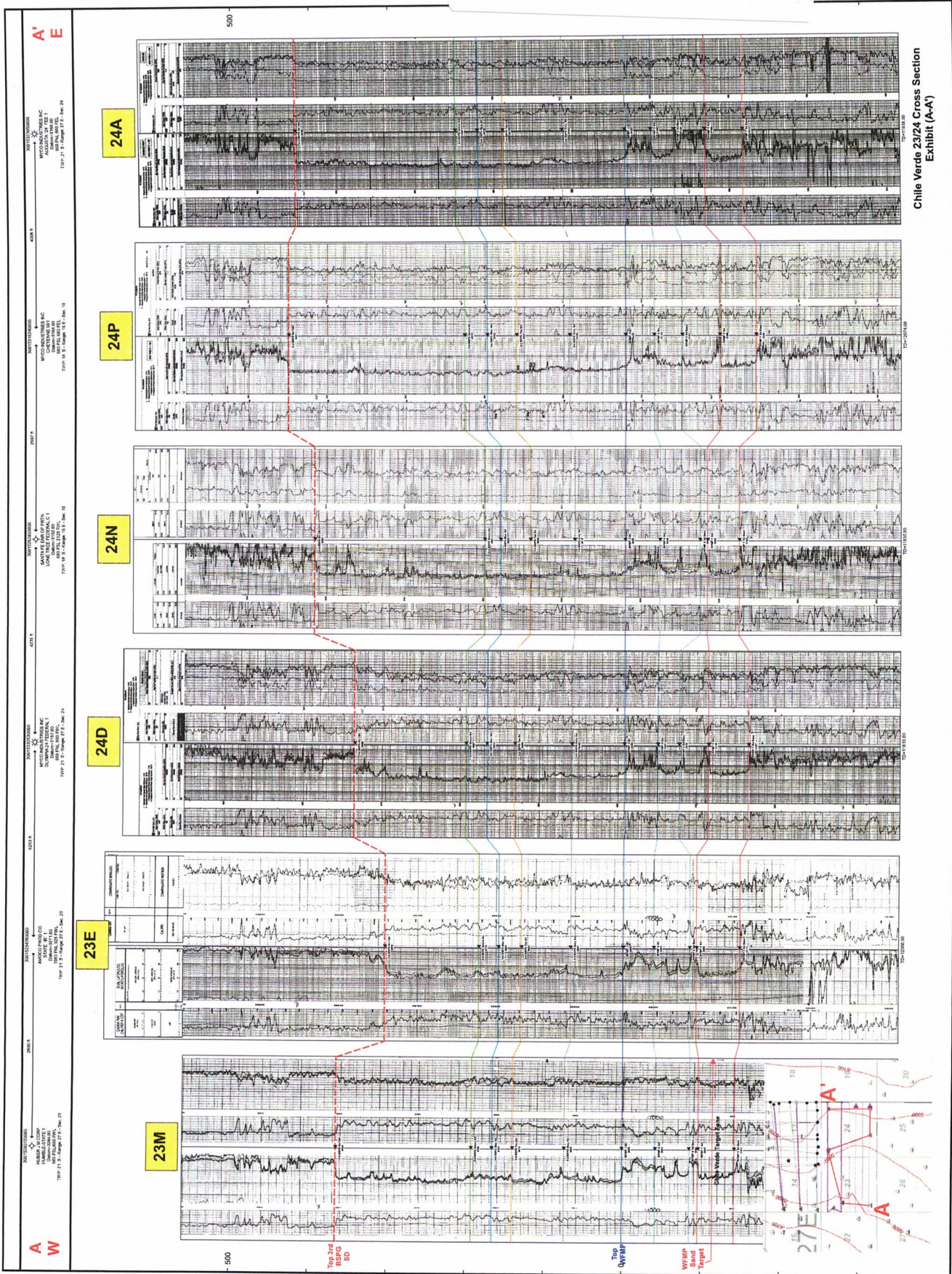
I understand that this Self-Affirmed Statement will be used as written testimony cases. I affirm that my testimony in paragraphs 1 through 8 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: \_\_\_\_\_

1/31/23

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







55	13800.00	88.84	85.33	100	9186.6	4962.7	403.9	4946.2	4962.7	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
56	13900.00	88.64	85.33	100	9188.9	5062.6	412.0	5045.8	5062.6	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10

57	14000.00	88.64	85.33	100	9191.3	5162.6	420.2	5145.5	5162.6	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
58	14100.00	88.64	85.33	100	9193.7	5262.6	428.3	5245.1	5262.6	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
59	14200.00	88.64	85.33	100	9196.1	5362.6	436.4	5344.8	5362.6	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
60	14300.00	88.64	85.33	100	9198.5	5462.5	444.6	5444.4	5462.5	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
61	14400.00	88.64	85.33	100	9200.8	5562.5	452.7	5544.0	5562.5	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
62	14500.00	88.64	85.33	100	9203.2	5662.5	460.8	5643.7	5662.5	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
63	14600.00	88.64	85.33	100	9205.6	5762.4	469.0	5743.3	5762.4	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
64	14700.00	88.64	85.33	100	9208.0	5862.4	477.1	5843.0	5862.4	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
65	14800.00	88.64	85.33	100	9210.3	5962.4	485.2	5942.6	5962.4	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
66	14900.00	88.64	85.33	100	9212.7	6062.4	493.4	6042.3	6062.4	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
67	15000.00	88.64	85.33	100	9215.1	6162.3	501.5	6141.9	6162.3	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
68	15100.00	88.64	85.33	100	9217.5	6262.3	509.7	6241.5	6262.3	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
69	15200.00	88.64	85.33	100	9219.9	6362.3	517.8	6341.2	6362.3	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
70	15300.00	88.64	85.33	100	9222.2	6462.2	525.9	6440.8	6462.2	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
71	15400.00	88.64	85.33	100	9224.6	6562.2	534.1	6540.5	6562.2	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
72	15500.00	88.64	85.33	100	9227.0	6662.2	542.2	6640.1	6662.2	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
73	15600.00	88.64	85.33	100	9229.4	6762.2	550.3	6739.7	6762.2	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
74	15700.00	88.64	85.33	100	9231.7	6862.1	558.5	6839.4	6862.1	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
75	15800.00	88.64	85.33	100	9234.1	6962.1	566.6	6939.0	6962.1	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
76	15900.00	88.64	85.33	100	9236.5	7062.1	574.7	7038.7	7062.1	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
77	16000.00	88.64	85.33	100	9238.9	7162.0	582.9	7138.3	7162.0	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
78	16100.00	88.64	85.33	100	9241.3	7262.0	591.0	7237.9	7262.0	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
79	16200.00	88.64	85.33	100	9243.6	7362.0	599.2	7337.6	7362.0	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
80	16300.00	88.64	85.33	100	9246.0	7462.0	607.3	7437.2	7462.0	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
81	16400.00	88.64	85.33	100	9248.4	7561.9	615.4	7536.9	7561.9	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
82	16500.00	88.64	85.33	100	9250.8	7661.9	623.6	7636.5	7661.9	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
83	16600.00	88.64	85.33	100	9253.1	7761.9	631.7	7736.1	7761.9	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
84	16700.00	88.64	85.33	100	9255.5	7861.9	639.8	7835.8	7861.9	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
85	16800.00	88.64	85.33	100	9257.9	7961.8	648.0	7935.4	7961.8	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
86	16900.00	88.64	85.33	100	9260.3	8061.8	656.1	8035.1	8061.8	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
87	17000.00	88.64	85.33	100	9262.7	8161.8	664.2	8134.7	8161.8	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
88	17100.00	88.64	85.33	100	9265.0	8261.7	672.4	8234.3	8261.7	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
89	17200.00	88.64	85.33	100	9267.4	8361.7	680.5	8334.0	8361.7	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
90	17300.00	88.64	85.33	100	9269.8	8461.7	688.6	8433.6	8461.7	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
91	17400.00	88.64	85.33	100	9272.2	8561.7	696.8	8533.3	8561.7	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
92	17500.00	88.64	85.33	100	9274.5	8661.6	704.9	8632.9	8661.6	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
93	17600.00	88.64	85.33	100	9276.9	8761.6	713.1	8732.5	8761.6	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
94	17700.00	88.64	85.33	100	9279.3	8861.6	721.2	8832.2	8861.6	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
95	17800.00	88.64	85.33	100	9281.7	8961.5	729.3	8931.8	8961.5	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
96	17900.00	88.64	85.33	100	9284.1	9061.5	737.5	9031.5	9061.5	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
97	18000.00	88.64	85.33	100	9286.4	9161.5	745.6	9131.1	9161.5	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
98	18100.00	88.64	85.33	100	9288.8	9261.5	753.7	9230.7	9261.5	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
99	18200.00	88.64	85.33	100	9291.2	9361.4	761.9	9330.4	9361.4	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
100	18300.00	88.64	85.33	100	9293.6	9461.4	770.0	9430.0	9461.4	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
101	18400.00	88.64	85.33	100	9295.9	9561.4	778.1	9529.7	9561.4	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
102	18500.00	88.64	85.33	100	9298.3	9661.3	786.3	9629.3	9661.3	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
103	18600.00	88.64	85.33	100	9300.7	9761.3	794.4	9728.9	9761.3	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
104	18700.00	88.64	85.33	100	9303.1	9861.3	802.6	9828.6	9861.3	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
105	18800.00	88.64	85.33	100	9305.5	9961.3	810.7	9928.2	9961.3	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
106	18900.00	88.64	85.33	100	9307.8	10061.2	818.8	10027.9	10061.2	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
107	19000.00	88.64	85.33	100	9310.2	10161.2	827.0	10127.5	10161.2	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10
108	19037.42	88.64	85.33	37.423	9311.1	10198.6	830.0	10164.8	10198.6	85.3	0.0	0.0	9068.5	13.5	1.547017	1.49	1E-10



### Mewbourne Oil Company

SURVEY CALCULATION REPORT  
Minimum Curvature Calculations

Operator: Mewbourne Oil Company  
Lease Name: Chile Verde 23/24 W0MP Fed Com 1H  
KOP 8513.04  
SL: 1200 FSL & 440 FWL; Sec 23M/21S/27E  
PBHL: 660 FSL & 100 FEL; Sec 24P/21S/27E

Target KBTVD: 9,086 Feet 9086.00  
Target Angle: 88.56 Degrees 88.56  
Section Plane: 92.59 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			
														Target	DRIFT RADIANS	AZIMUTH RADIANS	
T/I	8513.04	0.00	92.59	N/A	8513.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8513.0	573.0	1E-12	1.62	#VALUE!
1	8601.61	8.86	92.59	88.564	8601.3	6.8	-0.3	6.8	6.8	92.6	10.0	10.0	8601.1	484.9	0.15457	1.62	0.1545729
2	8690.17	17.71	92.59	88.564	8687.4	27.2	-1.2	27.1	27.2	92.6	10.0	10.0	8686.7	399.3	0.30915	1.62	0.1545729
3	8778.73	26.57	92.59	88.564	8769.3	60.5	-2.7	60.4	60.5	92.6	10.0	10.0	8767.8	318.2	0.46372	1.62	0.1545729
4	8867.30	35.43	92.59	88.564	8845.2	106.1	-4.8	106.0	106.1	92.6	10.0	10.0	8842.5	243.5	0.61829	1.62	0.1545729
5	8955.86	44.28	92.59	88.564	8913.1	162.8	-7.3	162.6	162.8	92.6	10.0	10.0	8909.0	177.0	0.77286	1.62	0.1545729
6	9044.42	53.14	92.59	88.564	8971.5	229.2	-10.4	229.0	229.2	92.6	10.0	10.0	8965.7	120.3	0.92744	1.62	0.1545729
7	9132.99	61.99	92.59	88.564	9018.9	303.9	-13.7	303.6	303.9	92.6	10.0	10.0	9011.3	74.7	1.08201	1.62	0.1545729
8	9221.55	70.85	92.59	88.564	9054.3	385.0	-17.4	384.6	385.0	92.6	10.0	10.0	9044.6	41.4	1.23658	1.62	0.1545729
9	9310.12	79.71	92.59	88.564	9076.8	470.6	-21.2	470.1	470.6	92.6	10.0	10.0	9065.0	21.0	1.39116	1.62	0.1545729
10	9398.68	88.56	92.59	88.564	9085.8	558.6	-25.2	558.0	558.6	92.6	10.0	10.0	9071.8	14.2	1.54573	1.62	0.1545729
11	9400.00	88.56	92.59	1.3203	9085.9	559.9	-25.3	559.3	559.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
12	9500.00	88.56	92.59	100	9088.4	659.9	-29.8	659.2	659.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
13	9600.00	88.56	92.59	100	9090.9	759.9	-34.3	759.1	759.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
14	9700.00	88.56	92.59	100	9093.4	859.8	-38.8	858.9	859.8	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
15	9800.00	88.56	92.59	100	9095.9	959.8	-43.3	958.8	959.8	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
16	9900.00	88.56	92.59	100	9098.4	1059.8	-47.8	1058.7	1059.8	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
17	10000.00	88.56	92.59	100	9100.9	1159.7	-52.4	1158.5	1159.7	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
18	10100.00	88.56	92.59	100	9103.4	1259.7	-56.9	1258.4	1259.7	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
19	10200.00	88.56	92.59	100	9105.9	1359.7	-61.4	1358.3	1359.7	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
20	10300.00	88.56	92.59	100	9108.4	1459.6	-65.9	1458.1	1459.6	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
21	10400.00	88.56	92.59	100	9110.9	1559.6	-70.4	1558.0	1559.6	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
22	10500.00	88.56	92.59	100	9113.4	1659.6	-74.9	1657.9	1659.6	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
23	10600.00	88.56	92.59	100	9115.9	1759.5	-79.4	1757.7	1759.5	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
24	10700.00	88.56	92.59	100	9118.4	1859.5	-84.0	1857.6	1859.5	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
25	10800.00	88.56	92.59	100	9120.9	1959.5	-88.5	1957.5	1959.5	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
26	10900.00	88.56	92.59	100	9123.5	2059.4	-93.0	2057.3	2059.4	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
27	11000.00	88.56	92.59	100	9126.0	2159.4	-97.5	2157.2	2159.4	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
28	11100.00	88.56	92.59	100	9128.5	2259.4	-102.0	2257.1	2259.4	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
29	11200.00	88.56	92.59	100	9131.0	2359.4	-106.5	2356.9	2359.4	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
30	11300.00	88.56	92.59	100	9133.5	2459.3	-111.0	2456.8	2459.3	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
31	11400.00	88.56	92.59	100	9136.0	2559.3	-115.6	2556.7	2559.3	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
32	11500.00	88.56	92.59	100	9138.5	2659.3	-120.1	2656.5	2659.3	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
33	11600.00	88.56	92.59	100	9141.0	2759.2	-124.6	2756.4	2759.2	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
34	11700.00	88.56	92.59	100	9143.5	2859.2	-129.1	2856.3	2859.2	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
35	11800.00	88.56	92.59	100	9146.0	2959.2	-133.6	2956.1	2959.2	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
36	11900.00	88.56	92.59	100	9148.5	3059.1	-138.1	3056.0	3059.1	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
37	12000.00	88.56	92.59	100	9151.0	3159.1	-142.6	3155.9	3159.1	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
38	12100.00	88.56	92.59	100	9153.5	3259.1	-147.2	3255.7	3259.1	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
39	12200.00	88.56	92.59	100	9156.0	3359.0	-151.7	3355.6	3359.0	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
40	12300.00	88.56	92.59	100	9158.5	3459.0	-156.2	3455.5	3459.0	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
41	12400.00	88.56	92.59	100	9161.0	3559.0	-160.7	3555.3	3559.0	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
42	12500.00	88.56	92.59	100	9163.6	3658.9	-165.2	3655.2	3658.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
43	12600.00	88.56	92.59	100	9166.1	3758.9	-169.7	3755.1	3758.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
44	12700.00	88.56	92.59	100	9168.6	3858.9	-174.2	3854.9	3858.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
45	12800.00	88.56	92.59	100	9171.1	3958.8	-178.7	3954.8	3958.8	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
46	12900.00	88.56	92.59	100	9173.6	4058.8	-183.3	4054.7	4058.8	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
47	13000.00	88.56	92.59	100	9176.1	4158.8	-187.8	4154.5	4158.8	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
48	13100.00	88.56	92.59	100	9178.6	4258.8	-192.3	4254.4	4258.8	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
49	13200.00	88.56	92.59	100	9181.1	4358.7	-196.8	4354.3	4358.7	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
50	13300.00	88.56	92.59	100	9183.6	4458.7	-201.3	4454.1	4458.7	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
51	13400.00	88.56	92.59	100	9186.1	4558.7	-205.8	4554.0	4558.7	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
52	13500.00	88.56	92.59	100	9188.6	4658.6	-210.3	4653.9	4658.6	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
53	13600.00	88.56	92.59	100	9191.1	4758.6	-214.9	4753.7	4758.6	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
54	13700.00	88.56	92.59	100	9193.6	4858.6	-219.4	4853.6	4858.6	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10

55	13800.00	88.56	92.59	100	9196.1	4958.5	-223.9	4953.5	4958.5	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
56	13900.00	88.56	92.59	100	9198.6	5058.5	-228.4	5053.3	5058.5	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10

57	14000.00	88.56	92.59	100	9201.2	5158.5	-232.9	5153.2	5158.5	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
58	14100.00	88.56	92.59	100	9203.7	5258.4	-237.4	5253.1	5258.4	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
59	14200.00	88.56	92.59	100	9206.2	5358.4	-241.9	5352.9	5358.4	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
60	14300.00	88.56	92.59	100	9208.7	5458.4	-246.5	5452.8	5458.4	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
61	14400.00	88.56	92.59	100	9211.2	5558.3	-251.0	5552.7	5558.3	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
62	14500.00	88.56	92.59	100	9213.7	5658.3	-255.5	5652.5	5658.3	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
63	14600.00	88.56	92.59	100	9216.2	5758.3	-260.0	5752.4	5758.3	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
64	14700.00	88.56	92.59	100	9218.7	5858.3	-264.5	5852.3	5858.3	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
65	14800.00	88.56	92.59	100	9221.2	5958.2	-269.0	5952.1	5958.2	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
66	14900.00	88.56	92.59	100	9223.7	6058.2	-273.5	6052.0	6058.2	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
67	15000.00	88.56	92.59	100	9226.2	6158.2	-278.0	6151.9	6158.2	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
68	15100.00	88.56	92.59	100	9228.7	6258.1	-282.6	6251.7	6258.1	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
69	15200.00	88.56	92.59	100	9231.2	6358.1	-287.1	6351.6	6358.1	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
70	15300.00	88.56	92.59	100	9233.7	6458.1	-291.6	6451.5	6458.1	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
71	15400.00	88.56	92.59	100	9236.2	6558.0	-296.1	6551.3	6558.0	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
72	15500.00	88.56	92.59	100	9238.7	6658.0	-300.6	6651.2	6658.0	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
73	15600.00	88.56	92.59	100	9241.3	6758.0	-305.1	6751.1	6758.0	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
74	15700.00	88.56	92.59	100	9243.8	6857.9	-309.6	6850.9	6857.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
75	15800.00	88.56	92.59	100	9246.3	6957.9	-314.2	6950.8	6957.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
76	15900.00	88.56	92.59	100	9248.8	7057.9	-318.7	7050.7	7057.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
77	16000.00	88.56	92.59	100	9251.3	7157.8	-323.2	7150.5	7157.8	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
78	16100.00	88.56	92.59	100	9253.8	7257.8	-327.7	7250.4	7257.8	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
79	16200.00	88.56	92.59	100	9256.3	7357.8	-332.2	7350.3	7357.8	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
80	16300.00	88.56	92.59	100	9258.8	7457.7	-336.7	7450.1	7457.7	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
81	16400.00	88.56	92.59	100	9261.3	7557.7	-341.2	7550.0	7557.7	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
82	16500.00	88.56	92.59	100	9263.8	7657.7	-345.8	7649.9	7657.7	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
83	16600.00	88.56	92.59	100	9266.3	7757.7	-350.3	7749.7	7757.7	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
84	16700.00	88.56	92.59	100	9268.8	7857.6	-354.8	7849.6	7857.6	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
85	16800.00	88.56	92.59	100	9271.3	7957.6	-359.3	7949.5	7957.6	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
86	16900.00	88.56	92.59	100	9273.8	8057.6	-363.8	8049.3	8057.6	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
87	17000.00	88.56	92.59	100	9276.3	8157.5	-368.3	8149.2	8157.5	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
88	17100.00	88.56	92.59	100	9278.9	8257.5	-372.8	8249.1	8257.5	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
89	17200.00	88.56	92.59	100	9281.4	8357.5	-377.4	8348.9	8357.5	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
90	17300.00	88.56	92.59	100	9283.9	8457.4	-381.9	8448.8	8457.4	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
91	17400.00	88.56	92.59	100	9286.4	8557.4	-386.4	8548.7	8557.4	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
92	17500.00	88.56	92.59	100	9288.9	8657.4	-390.9	8648.5	8657.4	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
93	17600.00	88.56	92.59	100	9291.4	8757.3	-395.4	8748.4	8757.3	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
94	17700.00	88.56	92.59	100	9293.9	8857.3	-399.9	8848.3	8857.3	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
95	17800.00	88.56	92.59	100	9296.4	8957.3	-404.4	8948.1	8957.3	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
96	17900.00	88.56	92.59	100	9298.9	9057.2	-408.9	9048.0	9057.2	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
97	18000.00	88.56	92.59	100	9301.4	9157.2	-413.5	9147.9	9157.2	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
98	18100.00	88.56	92.59	100	9303.9	9257.2	-418.0	9247.7	9257.2	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
99	18200.00	88.56	92.59	100	9306.4	9357.2	-422.5	9347.6	9357.2	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
100	18300.00	88.56	92.59	100	9308.9	9457.1	-427.0	9447.5	9457.1	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
101	18400.00	88.56	92.59	100	9311.4	9557.1	-431.5	9547.3	9557.1	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
102	18500.00	88.56	92.59	100	9313.9	9657.1	-436.0	9647.2	9657.1	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
103	18600.00	88.56	92.59	100	9316.4	9757.0	-440.5	9747.1	9757.0	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
104	18700.00	88.56	92.59	100	9319.0	9857.0	-445.1	9846.9	9857.0	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
105	18800.00	88.56	92.59	100	9321.5	9957.0	-449.6	9946.8	9957.0	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
106	18900.00	88.56	92.59	100	9324.0	10056.9	-454.1	10046.7	10056.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
107	19000.00	88.56	92.59	100	9326.5	10156.9	-458.6	10146.5	10156.9	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10
108	19025.17	88.56	92.59	25.17	9327.1	10182.1	-459.7	10171.7	10182.1	92.6	0.0	0.0	9071.8	14.2	1.54573	1.62	1E-10

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

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

Case No. 23324

SELF-AFFIRMED STATEMENT OF NOTICE

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

James Bruce deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.
6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 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.

Date: 1/30/23

  
\_\_\_\_\_  
James Bruce

EXHIBIT 4

**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)

January 11, 2023

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

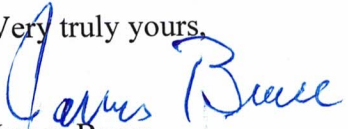
ATTACHMENT *A*

Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling and approval of a non-standard spacing and proration unit (Case No. 23324), filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, seeking an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the S/2 of Section 23 and the S/2 of Section 24, Township 21 South, Range 27 East, NMPM. The unit will be dedicated to: (a) the Chile Verde W0LI 23/24 Fed. Com. Well No. 1H, a horizontal well with a first take point in the NW/4SW/4 of Section 23 and a last take point in the NE/4SE/4 of Section 24; and (b) the Chile Verde W0MP 23/24 Fed. Com. Well No. 1H, a horizontal well with a first take point in the SW/4SW/4 of Section 23 and a last take point in the SE/4SE/4 of Section 24. Applicant requests that the wells be dedicated to a non-standard 640-acre spacing and proration unit in the Lone Tree Draw-Wolfcamp (oil) Pool.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, February 2, 2023. During the current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/ocd/hearing-info/>, or contact Marlene Salvidrez at [Marlene.Salvidrez@emnrd.nm.gov](mailto:Marlene.Salvidrez@emnrd.nm.gov). You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter 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 [ocd.hearings@emnrd.nm.gov](mailto:ocd.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

EXHIBIT A

<p>MRC Permian Company One Lincoln Center 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240 Attn: General Land Manager</p>	<p>Ridge Runner Resources Operating, LLC 1004 North Big Spring Street, Suite 325 Midland, Texas 79701</p>	<p>Ridge Runner Resources Agent, Inc. 1004 North Big Spring Street, Suite 325 Midland, Texas 79701</p>
---	---	--

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FAQs >

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<input type="checkbox"/> Return Receipt (hardcopy) \$ _____	
<input type="checkbox"/> Return Receipt (electronic) \$ _____	
<input type="checkbox"/> Certified Mail Restricted Delivery \$ _____	
<input type="checkbox"/> Adult Signature Required \$ _____	
<input type="checkbox"/> Adult Signature Restricted Delivery \$ _____	
Postage \$ _____	
Total Postage and Fees \$ _____	
Sent To MRC Permian Company One Lincoln Center 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240 Attn: General Land Manager	
Street and Apt. No., c City, State, ZIP+4®	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	



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MIDLAND, TX 79701  
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0080 8972 2000 0297 2202

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Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

**Total Postage and Fees** \$ \_\_\_\_\_

Sent To Ridge Runner Resources Operating, LLC  
1004 North Big Spring Street, Suite 325  
Midland, Texas 79701

Street and Apt. No., or P.O. Box \_\_\_\_\_

City, State, ZIP+4® \_\_\_\_\_

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

# USPS Tracking®

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MIDLAND, TX 79701

January 23, 2023, 9:47 am

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<b>Extra Services &amp; Fees (check box, add fee as appropriate)</b>	
<input type="checkbox"/> Return Receipt (hardcopy) \$ _____	
<input type="checkbox"/> Return Receipt (electronic) \$ _____	
<input type="checkbox"/> Certified Mail Restricted Delivery \$ _____	
<input type="checkbox"/> Adult Signature Required \$ _____	
<input type="checkbox"/> Adult Signature Restricted Delivery \$ _____	
Postage \$ _____	
<b>Total Postage and Fees</b> \$ _____	
Sent To <b>Ridge Runner Resources Agent, Inc.</b> 1004 North Big Spring Street, Suite 325 Midland, Texas 79701	
Street and Apt. No., or PO BOX NO. _____ City, State, ZIP+4® _____	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

# Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

## Affidavit of Publication

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### NOTICE

**JAMES BRUCE ATTORNEY AT LAW**  
POBOX 1056

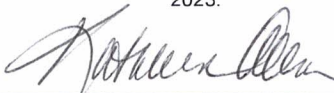
**SANTA FE, NM 87504 - 1056**

I, a legal clerk of the Carlsbad Current Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof in editions dated as follows:

01/11/2023

  
Legal Clerk

Subscribed and sworn before me this January 11, 2023:



State of WI, County of Brown  
NOTARY PUBLIC

1-7-23

My commission expires

To: MRC Permian Company, Ridge Runner Resources Operating, LLC, and Ridge Runner Resources Agent, Inc., or your successors or assigns: Mewbourne Oil Company has filed an application with the New Mexico Oil Conservation Division (Case No. 23324) seeking an order pooling all uncommitted mineral interests in the Wolfcamp formation underlying a non-standard horizontal spacing unit comprised of the S/2 of Section 23 and the S/2 of Section 24, Township 21 South, Range 27 East, NMPM. The unit will be dedicated to: (a) the Chile Verde W0LI 23/24 Fed. Com. Well No. 1H, a horizontal well with a first take point in the NW/4SW/4 of Section 23 and a last take point in the NE/4SE/4 of Section 24; and (b) the Chile Verde W0MP 23/24 Fed. Com. Well No. 1H, a horizontal well with a first take point in the SW/4SW/4 of Section 23 and a last take point in the SE/4SE/4 of Section 24. Applicant also requests that the wells be dedicated to a non-standard 640-acre spacing and proration unit in the Lone Tree Draw-Wolfcamp (oil) Pool. Also to be considered will be the cost of drilling, completing, 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, and equipping the wells. This matter is scheduled for hearing on February 2, 2023 at 8:15 a.m. During the current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/ocd/hearing-info/>, or contact Marlene Salvidrez at [Marlene.Salvidrez@emnrd.nm.gov](mailto:Marlene.Salvidrez@emnrd.nm.gov). You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter 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 [ocd.hearings@emnrd.nm.gov](mailto:ocd.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 attorney for applicant, James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, [jamesbruc@aol.com](mailto:jamesbruc@aol.com). The well unit is located approximately 4 miles northeast of Carlsbad, New Mexico. #0005551822, Current Argus, January 11, 2023

**KATHLEEN ALLEN**  
Notary Public  
State of Wisconsin

EXHIBIT

5

Ad # 0005551822  
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<b>COMPULSORY POOLING APPLICATION CHECKLIST</b>	
<b>ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS</b>	
<b>Case: 23324</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date: February 2, 2023</b>	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/OGRID 14744
Applicant's Counsel:	James Bruce
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	MRC Permian Company/Holland & Hart LLP
Well Family	Chile Verde Wolfcamp wells
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Wolfcamp
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Wolfcamp formation
Pool Name and Pool Code:	Lone Tree Draw Wolfcamp/Pool Code 97208
Well Location Setback Rules:	Standard Rules for horizontal wells – 330' and 100' setbacks
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	640 acres
Building Blocks:	40 acres
Orientation:	West-East
Description: TRS/County	S/2 §23 and S/2 §24, Township 21 South, Range 27 East, NMPM, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u>	No Approval is requested in this application, as described in Exhibit 2.
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	N
Proximity Defining Well: if yes,	

EXHIBIT 6

description	
Applicant's Ownership in Each Tract	Exhibit 2-B
<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	Chile Verde 23/24 W01L Fed. Com. Well No. 1H API No. 30-015-49565 SHL: 1230 FSL & 440 FWL §23 BHL: 1980 FSL & 100 FEL §24 FTP: 1980 FNL & 100 FWL §23 LTP: 1980 FSL & 100 FEL §24 Upper Wolfcamp/TVD 9311 feet/MD 19563 feet
Well #2	Chile Verde 23/24 W0MP Fed. Com. Well No. 1H API No. 30-015-49491 SHL: 1200 FSL & 440 FWL §23 BHL: 660 FSL & 100 FEL §24 FTP: 660 FNL & 100 FWL §23 LTP: 660 FSL & 100 FEL §24 Upper Wolfcamp/TVD 9327 feet/MD 19548 feet
Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2, page 2
Requested Risk Charge	
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit 5
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit 2-B

Tract List (including lease numbers and owners)	Exhibit 2-B
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	Exhibit 2-B
Pooled Parties (including ownership type)	Exhibit 2-B; Working Interest Owners
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	No Depth Severance
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit 2-C
List of Interest Owners (i.e. Exhibit A of JOA)	Exhibit 2-B
Chronology of Contact with Non-Joined Working Interests	Exhibit 2-C
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 2-D
Cost Estimate to Equip Well	Exhibit 2-D
Cost Estimate for Production Facilities	Exhibit 2-D
<b>Geology</b>	
Summary (including special considerations)	Exhibit 3
Spacing Unit Schematic	Exhibits 2-A and 3-A
Gunbarrel/Lateral Trajectory Schematic	Exhibit 3-B
Well Orientation (with rationale)	West-East; Exhibit 3
Target Formation	Upper Wolfcamp
HSU Cross Section	Exhibit 3-B
Depth Severance Discussion	N/A
<b>Forms, Figures and Tables</b>	
C-102	Exhibit 2-A
Tracts	Exhibit 2-B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 2-B

General Location Map (including basin)	Exhibit 2-A
Well Bore Location Map	Exhibit 2-A
Structure Contour Map - Subsea Depth	Exhibit 3-A
Cross Section Location Map (including wells)	Exhibit 3-B
Cross Section (including Landing Zone)	Exhibit 3-B
<b>Additional Information</b>	
Special Provisions/Stipulations	
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	
Date:	January 30, 2023

**CASE NO. 23324**

**STATUS OF CERTIFIED NOTICE**

<u>INTEREST OWNER</u>	<u>MAILING DATE</u>	<u>RECEIPT DATE</u>	<u>CARD RETURNED</u>
MRC Permian Company	January 11, 2023	January 24, 2023	No
Ridge Runner Resources Operating, LLC	January 11, 2023	January 23, 2023	No
Ridge Runner Resources Agent, Inc.	January 11, 2023	January 23, 2023	No

EXHIBIT

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