

CASE NO. 22634

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

MEWBOURNE OIL COMPANY'S 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. Pre-Hearing Statement - *Already Filed*

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

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

CASE NO. 22634

APPLICATION

Pursuant to NMSA § 70-2-17, Mewbourne Oil Company ("Applicant") (OGRID No. 14744) applies for an order pooling all uncommitted interests in the Bone Spring formation from a depth of approximately 10,526' MD to the base of the Bone Spring formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the E/2E/2 of Sections 22 and 27, Township 22 South, Range 34 East, Lea County, New Mexico ("Unit"). In support of its application, Applicant states:

1. Applicant is a working interest owner in the Unit and has the right to drill wells thereon.
 2. The Unit will be dedicated to the **Perro Loco 27/22 B3PA Fed Com #2H** well to be horizontally drilled from a surface hole location in the SE/4SE/4 (Unit P) of Section 27 to a bottom hole location in the NE/4NE/4 (Unit A) of Section 22.
 3. The completed interval of the Well will be orthodox.
 4. A depth severance exists in the Bone Spring formation within the proposed Unit.
- Accordingly, Applicant seeks to pool all uncommitted interests from a depth of approximately 10,526' MD to the base of the formation (at a stratigraphic equivalent of approximately 11,354' MD as observed on the Sun Federal Com #1 (API 3002530603) well log).

EXHIBIT

1

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

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

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

WHEREFORE, Applicant requests this application be set for hearing on April 7, 2022, and that after notice and hearing, the Division enter an order:

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

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy

Michael Rodriguez

Jaclyn M. McLean

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

dhardy@hinklelawfirm.com

mrodriguez@hinklelawfirm.com

jmclean@hinklelawfirm.com

Counsel for Mewbourne Oil Company

Application of Mewbourne Oil Company for Compulsory Pooling, Lea County, New Mexico. Applicant applies for an order pooling all uncommitted interests in the Bone Spring formation from a depth of approximately 10,526' MD to the base of the Bone Spring formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the E/2E/2 of Sections 22 and 27, Township 22 South, Range 34 East, Lea County, New Mexico ("Unit"). The Unit will be dedicated to the Perro Loco 27/22 B3PA Fed Com #2H well to be horizontally drilled from a surface hole location in the SE/4SE/4 (Unit P) of Section 27 to a bottom hole location in the NE/4NE/4 (Unit A) of Section 22. A depth severance exists in the Bone Spring formation within the proposed Unit. Accordingly, Applicant seeks to pool all uncommitted interests from a depth of approximately 10,526' MD to the base of the formation (at a stratigraphic equivalent of approximately 11,354' MD as observed on the Sun Federal Com #1 (API 3002530603) well log). Also to be considered will be the cost of drilling and completing the Well and the allocation of the costs, the designation of Applicant as the operator of the Well, and a 200% charge for the risk involved in drilling and completing the Well. The Well is located approximately 45 miles east of Carlsbad, New Mexico.

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

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

Case No. 22634

SELF-AFFIRMED STATEMENT OF BRAD DUNN

Brad Dunn, 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:

(a) The purpose of this application is to force pool working interest owners into the Bone Spring horizontal spacing unit described below, and in wells to be drilled in the unit.

(b) The interest owners being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests to the well.

(c) A plat outlining the unit being pooled is submitted as Attachment A. Mewbourne seeks an order pooling all mineral interests in the E/2E/2 of Section 22 and the E/2E/2 Section 27, Township 22 South, Range 34 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Perro Loco 27/22 B3PA Fed. Com. Well No. 2H. A Form C-102 for the well is also part of Attachment A.

Only the 3rd Bone Spring is sought to be pooled in this proposed well unit. It is defined as depths from 10,526 feet subsurface to the base of the Bone Spring formation, at a depth of 11,325 feet subsurface, as found in the Compensated Neutron Litho Density log in the Sun Fed. Com. Well No. 1 (API No. 30-025-30603), located in Unit Letter O of Section 27, Township 22 South, Range 34 East, NMPM.

(d) The parties being pooled, and their interests, are set forth in Attachment B.

(e) In order to locate the interest owners, Mewbourne examined the county and federal records, performed internet searches, checked telephone records, made calls to family members, and searched Accurint and Whitepages.

EXHIBIT 2

(f) Attachment C is a summary of communications and sample copies of the proposal letters sent to the interest owners.

(g) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well, or to locate the interest owners.

(h) Mewbourne has the right to pool the overriding royalty owners in the well unit.

(i) Attachment D contains the Authorization for Expenditure for the proposed well. The estimated cost of the well set forth therein is fair and reasonable, and comparable to the cost of other wells of similar depth and length drilled in this area of Lea County.

(j) A sample copy of the letters to working interest owners regarding the overlapping well units is submitted as Attachment E. No objection has been received by Mewbourne from any of the working interest owners.

(k) 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 Lea County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

(l) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

(m) Mewbourne requests that it be designated operator of the well.

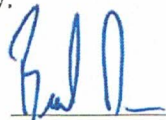
(n) The attachments to this affidavit were prepared by me, or compiled from company business records.

(o) The granting of this application is in the interests of conservation and the prevention of waste.

3. 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 2(o) 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:

7/28/2022



Brad Dunn



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

| | | |
|----------------------------|---|--|
| ¹ API Number | ² Pool Code 96553 | ³ Pool Name Ojo Chiso; Bone Spring |
| ⁴ Property Code | ⁵ Property Name PERRO LOCO 27/22 B3PA FED COM | ⁶ Well Number 2H |
| ⁷ GRID NO. | ⁸ Operator Name MEWBOURNE OIL COMPANY | ⁹ Elevation 3407' |

¹⁰ Surface Location

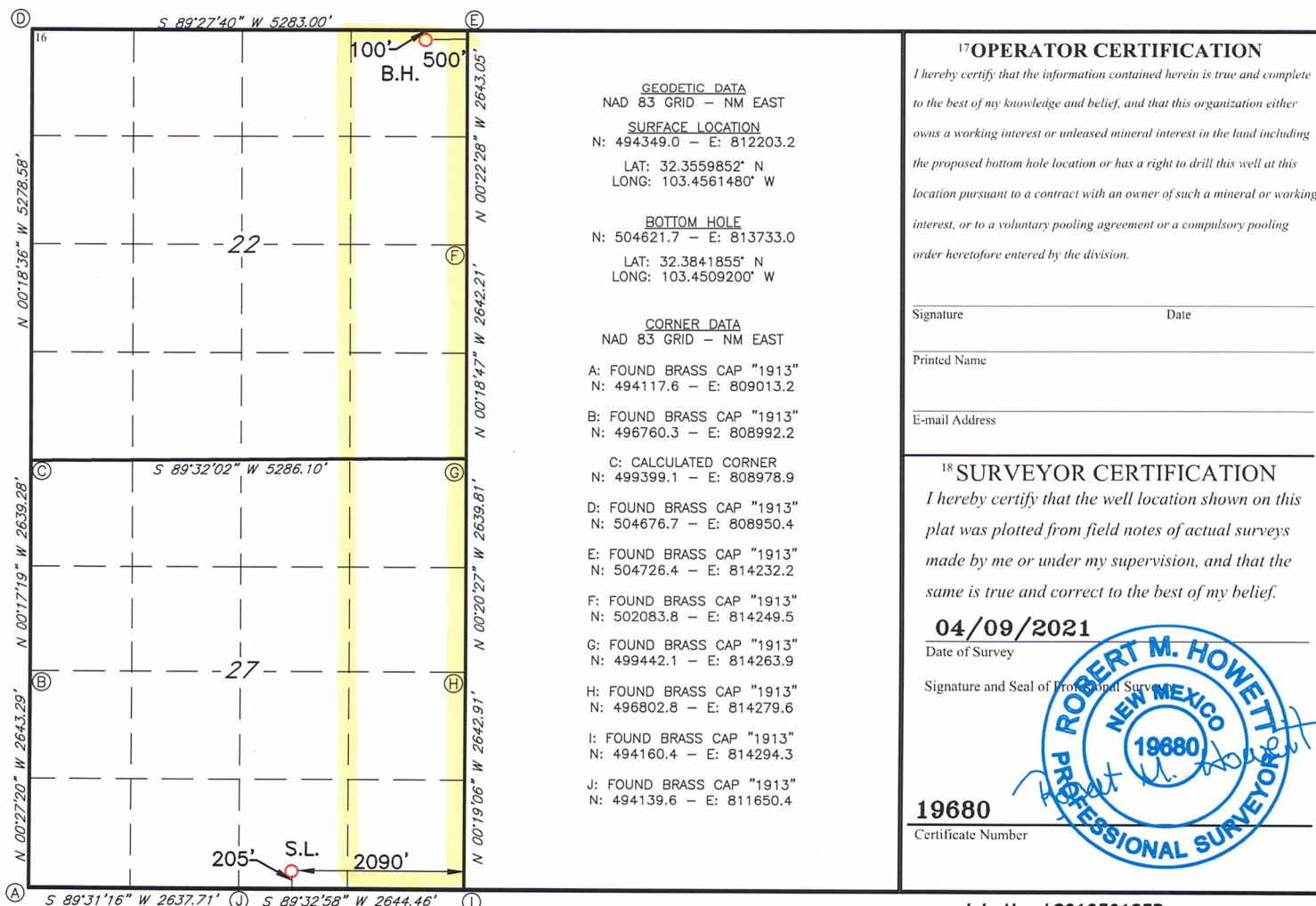
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet From the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 0 | 27 | 22S | 34E | | 205 | SOUTH | 2090 | EAST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A | 22 | 22S | 34E | | 100 | NORTH | 500' | EAST | LEA |

| | | | |
|-------------------------------|-------------------------------|----------------------------------|--------------------------------|
| ¹² Dedicated Acres | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. 680 |
|-------------------------------|-------------------------------|----------------------------------|--------------------------------|

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.

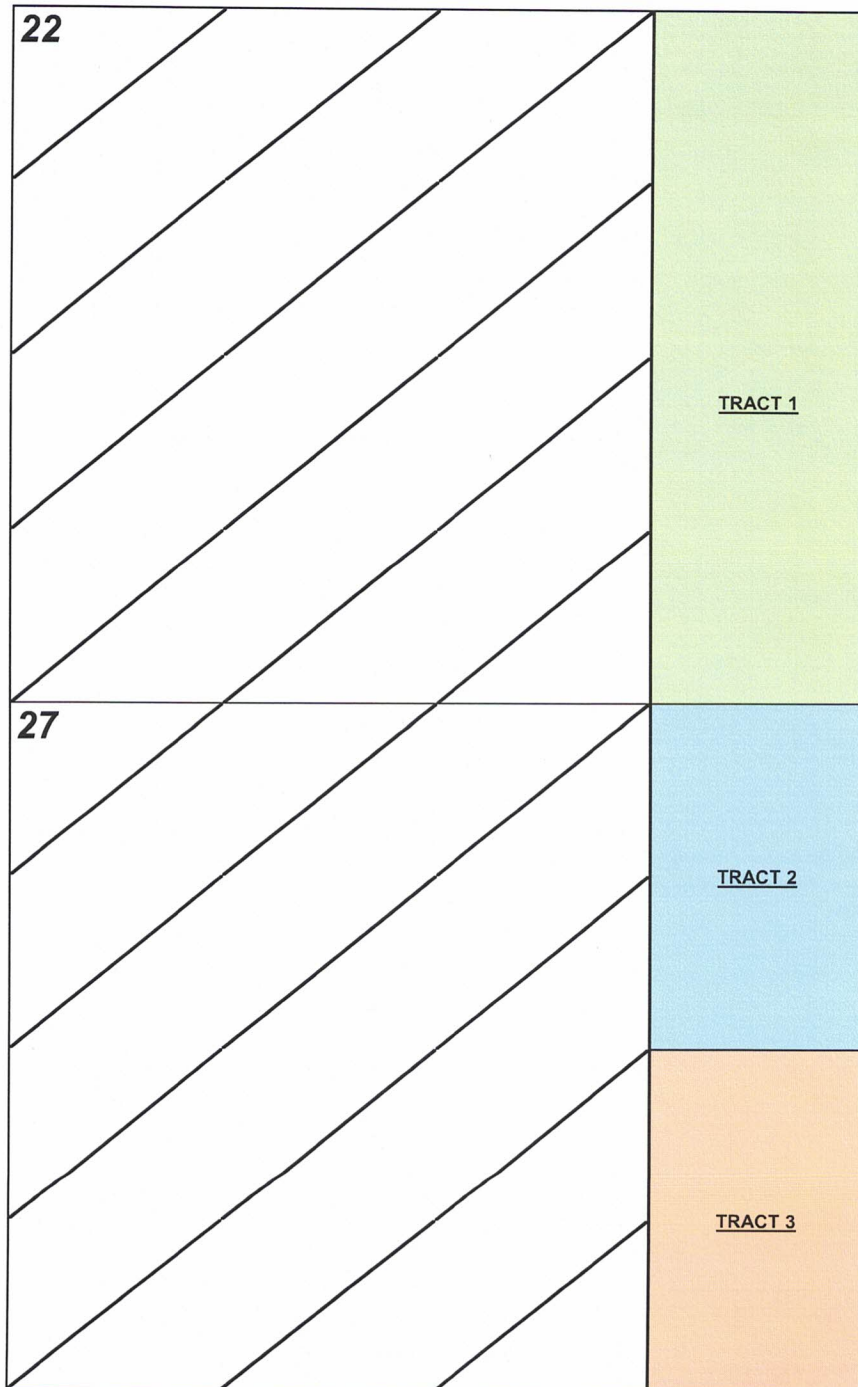


SECTION PLAT

East Half of the East Half (E/2E/2) of Section 22, Township 22 South, Range 34 East

East Half of the East Half (E/2E/2) of Section 27, Township 22 South, Range 34 East

County of Lea, State of New Mexico



ATTACHMENT B

Tract 1: E2E2 SECTION 22-USA LEASE NO. NMNM 11970

MEWBOURNE OIL COMPANY

MRC DELAWARE RESOURCES LLC

Tract 2: E2NE4 SEC. 27-USA LEASE NO. NMNM 43565

MEWBOURNE OIL COMPANY

COG OPERATING LLC

ALPHA ENERGY PARTNERS LLC

AXIS ENERGY CORPORATION

BTA OIL PRODUCERS LLC

ALEYNA N. PACE

CLINTON PACE

LARRY T. LONG

RYAN PACE

TARA N. PACE

Tract 3: E2SE4 SEC. 27-USA LEASE NO. NMNM 43564

MEWBOURNE OIL COMPANY

COG OPERATING LLC

ALPHA ENERGY PARTNERS LLC

AXIS ENERGY CORPORATION

BTA OIL PRODUCERS LLC

ALEYNA N. PACE

CLINTON PACE

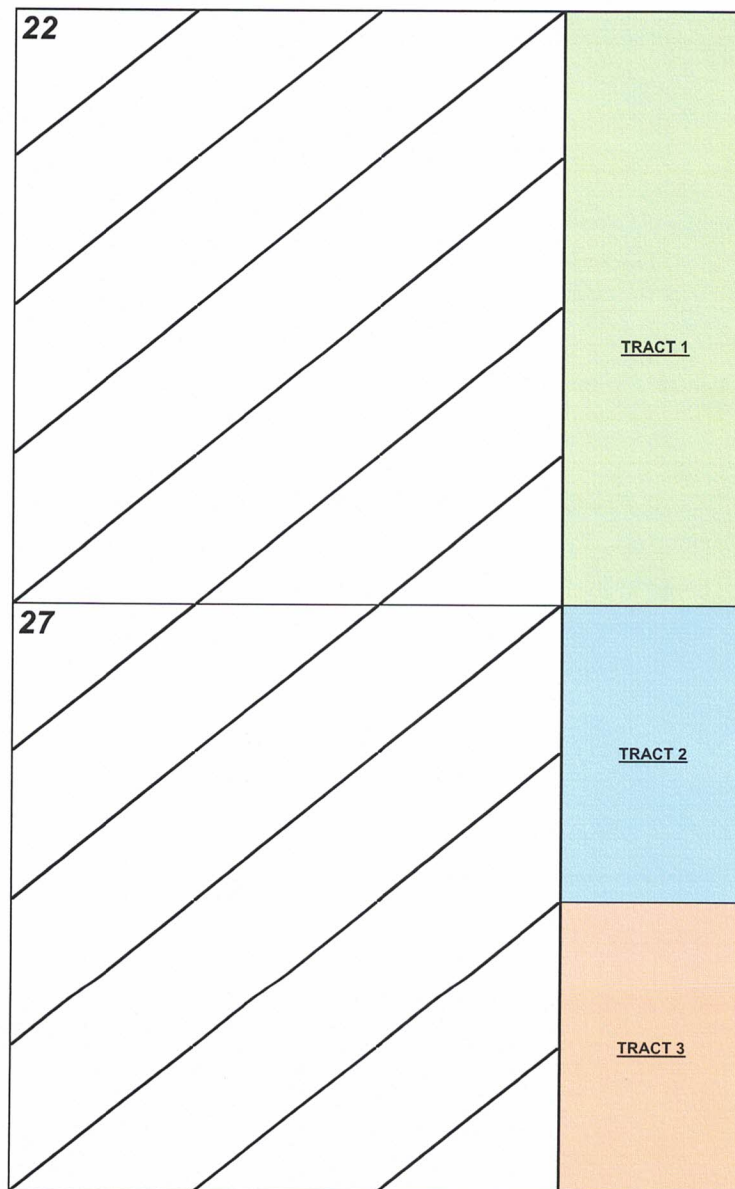
LARRY T. LONG

RYAN PACE

TARA N. PACE

RECAPITULATION FOR PERRO LOCO 27-22 B3PA FED COM #2H

| Tract Number | Number of Acres Committed | Percentage of Interest In Communitized Area |
|--------------|---------------------------|---|
| 1 | 160.00 | 50.000000% |
| 2 | 80.00 | 25.000000% |
| 3 | 80.00 | 25.000000% |
| TOTAL | 320.00 | 100.000000% |



TRACT OWNERSHIP
PERRO LOCO 27/22 B3PA FED COM #2H
Section 27 (E/2E/2) & Section 22 (E/2E/2), T22S, R34E
Lea County, New Mexico

Sections 27 (E/2E/2) & 22 (E/2E/2)
3rd Bone Spring formation:

| | <u>% Leasehold Interest</u> |
|--|-----------------------------|
| Mewbourne Oil Company, et al 500 West Texas, Ste. 1020 Midland, Texas 79701 | 51.666667% |
| *COG Operating LLC 600 W. Illinois Avenue Midland, Texas 79701 | 25.000000% |
| * MRC DELAWARE RESOURCES LLC One Lincoln Centre 5400 LBJ Freeway, STE 1500 Dallas, TX 75240 | 23.333333% |
| | <hr/> 100.000000% |
| * Total interest being pooled: 48.333333% | |

OWNERSHIP BY TRACT

E/2E/2 Sec. 27 (160 Acres):

| | <u>% Leasehold Interest</u> |
|---|-----------------------------|
| Mewbourne Oil Company, et al 500 West Texas, Ste. 1020 Midland, Texas 79701 | 50.000000% |
| *COG Operating LLC 600 W. Illinois Avenue Midland, Texas 79701 | 50.000000% |
| | <hr/> 100.000000% |

E/2E/2 Sec. 22 (160 Acres):

| | <u>% Leasehold Interest</u> |
|---|-----------------------------|
| Mewbourne Oil Company, et al 500 West Texas, Ste. 1020 Midland, Texas 79701 | 53.333333% |
| *MRC DELAWARE RESOURCES LLC One Lincoln Centre 5400 LBJ Freeway, STE 1500 Dallas, TX 75240 | 46.666667% |
| | <hr/> 100.000000% |

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

January 3, 2022

Via Certified Mail

COG Operating LLC
600 W. Illinois Avenue
Midland, Texas 79701
Attn: Baylor Mitchell

Re:

1. PERRO LOCO 27 B2PA FED COM #1H AFE, E2 Section 27, T22S, R34E, Lea County, New Mexico
2. PERRO LOCO 27/22 B3PA FED COM #2H AFE, E2 Sections 27 & 22, T22S, R34E, Lea County, New Mexico
3. PERRO LOCO 27 B3OB FED COM #1H AFE, E2 Section 27, T22S, R34E, Lea County, New Mexico
4. PERRO LOCO 27/22 B2OB FED COM #2H AFE, E2 Sections 27 & 22, T22S, R34E, Lea County, New Mexico
5. PERRO LOCO 27/22 Joint Operating Agreement dated January 15, 2022
E/2 of Sec. 27, T22S, R34E
E/2 of Sec. 22, T22S, R34E
Lea County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 640.00 acre Working Interest Unit ("WIU") covering the E/2 of the above captioned sections 27 and 22 for oil and gas production. The targeted interval for the proposed unit is the Bone Spring Formation. Mewbourne as Operator hereby proposes to drill the following horizontal Bone Spring wells:

1. PERRO LOCO 27 B2PA FED COM #1H will have a surface location 205' FSL & 2070' FEL in the above captioned Section 27 and a bottom hole location approximately 100' FNL & 500' FEL of the above captioned Section 27. We anticipate drilling to an approximate total vertical depth of 10,388' and an approximate total measured depth of 15,143'. The E2E2 of Section 27 will be dedicated to the well as the proration unit.
2. PERRO LOCO 27/22 B3PA FED COM #2H will have a surface location 205' FSL & 2090' FEL in the above captioned Section 27 and a bottom hole location approximately 100' FNL & 680' FEL of the above captioned Section 22. We anticipate drilling to an approximate total vertical depth of 11,222' and an approximate total measured depth of 21,289'. The E2E2 of Section 27 and the E2E2 of Section 22 will be dedicated to the well as the proration unit.

EXHIBIT

C

3. PERRO LOCO 27 B3OB FED COM #1H will have a surface location 205' FSL & 2130' FEL in the above captioned Section 27 and a bottom hole location approximately 100' FNL & 2100' FEL of the above captioned Section 27. We anticipate drilling to an approximate total vertical depth of 11,261' and an approximate total measured depth of 16,195'. The W2E2 of Section 27 will be dedicated to the well as the proration unit.
4. PERRO LOCO 27/22 B2OB FED COM #2H will have a surface location 205' FSL & 2110' FEL in the above captioned Section 27 and a bottom hole location approximately 100' FNL & 2100' FEL of the above captioned Section 22. We anticipate drilling to an approximate total vertical depth of 10,341' and an approximate total measured depth of 20,480'. The W2E2 of Section 27 and the W2E2 of Section 22 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling are our AFEs dated December 30, 2021 for the captioned proposed wells. In the event your firm elects to participate in the proposed wells, please execute the enclosed AFEs and return them to me within thirty (30) days.

Additionally, enclosed for your further handling is the Operating Agreement dated January 15, 2022, by and between Mewbourne Oil Company as Operator and BTA Oil Producers, LLC, et al, as Non-Operators and one (1) set of signature pages (6 total signature pages) for your execution. Our proposed Operating Agreement will have COPAS rates of \$8,000/month while drilling, \$800/month for a producing well and a non-consent penalty of 100%/300%. Upon your review and approval, please return only the executed set of signature pages to my attention at the above letterhead address.

Should you have any questions regarding the above, please email me at bdunn@mewbourne.com or call me at (432) 682-3715. Thank you.

Sincerely,

MEWBOURNE OIL COMPANY



Brad Dunn
Petroleum Landman



January 5, 2022

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:
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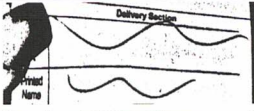
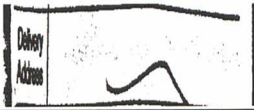
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| Recipient Name: | Baylor Mitchell |

Shipment Details

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Recipient Signature

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Baylor Mitchell
ConocoPhillips Co.
600 W. Illinois Ave.
Midland, TX 79701
Reference #: Perro Loco 22-27

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

January 3, 2022

Via Certified Mail

MRC Permian Company
One Lincoln Centre
5400 LBJ Freeway, STE 1500
Dallas, TX 75240
Attn: David Johns

Re:

1. PERRO LOCO 27 B2PA FED COM #1H AFE, E2 Section 27, T22S, R34E, Lea County, New Mexico
2. PERRO LOCO 27/22 B3PA FED COM #2H AFE, E2 Sections 27 & 22, T22S, R34E, Lea County, New Mexico
3. PERRO LOCO 27 B3OB FED COM #1H AFE, E2 Section 27, T22S, R34E, Lea County, New Mexico
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E/2 of Sec. 27, T22S, R34E
E/2 of Sec. 22, T22S, R34E
Lea County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 640.00 acre Working Interest Unit ("WIU") covering the E/2 of the above captioned sections 27 and 22 for oil and gas production. The targeted interval for the proposed unit is the Bone Spring Formation. Mewbourne as Operator hereby proposes to drill the following horizontal Bone Spring wells:

1. PERRO LOCO 27 B2PA FED COM #1H will have a surface location 205' FSL & 2070' FEL in the above captioned Section 27 and a bottom hole location approximately 100' FNL & 500' FEL of the above captioned Section 27. We anticipate drilling to an approximate total vertical depth of 10,388' and an approximate total measured depth of 15,143'. The E2E2 of Section 27 will be dedicated to the well as the proration unit.
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3. PERRO LOCO 27 B3OB FED COM #1H will have a surface location 205' FSL & 2130' FEL in the above captioned Section 27 and a bottom hole location approximately 100' FNL & 2100' FEL of the above captioned Section 27. We anticipate drilling to an approximate total vertical depth of 11,261' and an approximate total measured depth of 16,195'. The W2E2 of Section 27 will be dedicated to the well as the proration unit.
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Additionally, enclosed for your further handling is the Operating Agreement dated January 15, 2022, by and between Mewbourne Oil Company as Operator and BTA Oil Producers, LLC, et al, as Non-Operators and one (1) set of signature pages (6 total signature pages) for your execution. Our proposed Operating Agreement will have COPAS rates of \$8,000/month while drilling, \$800/month for a producing well and a non-consent penalty of 100%/300%. Upon your review and approval, please return only the executed set of signature pages to my attention at the above letterhead address.

Should you have any questions regarding the above, please email me at bdunn@mewbourne.com or call me at (432) 682-3715. Thank you.

Sincerely,

MEWBOURNE OIL COMPANY



Brad Dunn
Petroleum Landman



January 6, 2022

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:
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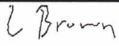
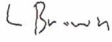
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Postal Product: Priority Mail®
Extra Services: Certified Mail™
Return Receipt Electronic
Up to \$100 insurance included
Recipient Name: David Johns

Shipment Details

Weight: 1.0oz

Recipient Signature

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|-------------------------|--|
| Signature of Recipient: |   |
| Address of Recipient: | 5400 LYNDON B JOHNSON FWY STE 1500 DALLAS, TX 75240 |

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David Johns
MRC Permian Co.
5400 LBJ Freeway, Suite 1500
Dallas, TX 75240
Reference #: Perro Loco 22-27

Summary of Communications
PERRO LOCO 27/22 B3PA FED COM #2H
E2E2 Section 27 & E2E2 Section 22, T22S, R34E, Lea County

COG Operating LLC

- 1) 1/3/2022: Well proposal letter with AFEs & JOA are sent via certified mail.
- 2) 1/5/2022: Certified mail delivery confirmation to recipient.
- 3) 1/12/2022: Emailed Baylor Mitchell at COG Operating informing him of the well proposals he should have received from me the previous week and sending him an updated Exhibit "A" to the Joint Operating Agreement.
- 4) 2/16/2022: Emailed Baylor Mitchell to follow-up on their elections decisions within this Perro Loco 27/22 unit.
- 5) 3/17/2022: Baylor Mitchell calls me to discuss how COG Operating doesn't like our development plan for the Perro Loco 27/22 unit and he has a trade idea. This is the first time COG Operating discussed this with me after having the well proposals now for two and a half months. The trade idea was never discussed in detail and no details of the trade were ever sent to me in any kind of a document.
- 6) 3/21/2022: Email and phone correspondence with Baylor Mitchell discussing COG's interest in the Perro Loco 27/22 unit. I asked again about setting up a meeting with COG to discuss their issues with our development plan within this unit to which no meeting has still been planned or taken place.
- 7) 4/4/2022: Email from Mackayla Stone at COG with a self-development letter attached giving a brief explanation that COG plans to send us 1-mile counterproposals soon in the E2 of Sec. 27-22S-34E.
- 8) 4/5/2022: Left a voicemail with Mackayla Stone at COG and sent her an email giving her notice that their letter is inaccurate, and that Mewbourne does in fact own in the E2 of Sec. 27-22S-34E. I also once again requested to have a meeting with COG to discuss their issues with our development plan within this unit to which no meeting has still been planned or taken place. COG at this point in time is still unwilling to meet with us.
- 9) 4/11/2022: Sent Mackayla Stone & Baylor Mitchell at COG an email with a specific trade proposal in seeking to work something out with them. COG indicated they were looking into it and would get back with me.
- 10) 4/25/2022: Emailed Baylor Mitchell at COG regarding the trade concept proposed two weeks prior. He again said they were looking into it and would have feedback to me soon. No tangible feedback of any kind from COG so far.
- 11) 5/2/2022: Emailed Baylor Mitchell at COG regarding the trade concept proposed three weeks prior. He again said they were looking into it and would have feedback to me soon. No tangible feedback of any kind from COG so far.

- 12) 5/10/2022: Baylor Mitchell emailed me saying COG was still looking into our trade concept that was proposed to them on 4/11/2022 and that he would have feedback to me soon. No tangible feedback of any kind from COG so far.
- 13) 5/17/2022: Emailed Baylor Mitchell at COG regarding the trade concept proposed five weeks prior. He again said they were looking into it and would have feedback to me by the end of the week. No tangible feedback of any kind from COG so far.
- 14) 5/20/2022: This work week came to end and there was still no feedback of any kind from COG regarding a counter or any input to our trade proposed on 4/11/2022. I have also requested numerous times via email and over the phone to have a meeting with them either in person or on the phone to which they never permitted to happen and made no attempt to happen.

MRC DELAWARE RESOURCES LLC

1. 1/3/2022: Well proposal letter with AFEs & JOA are sent via certified mail.
2. 1/6/2022: Certified mail delivery confirmation to recipient.
3. 2/16/2022: Email sent to David Johns at MRC following up with the well proposals received over a month earlier.
4. 3/21/2022: Left a voice mail and sent an email to David Johns at MRC following up with the well proposals received over two months earlier.
5. 3/31/2022: Email sent to David Johns at MRC following up with the well proposals they received on January 6, 2022.
6. 5/1/2022: Lunch meeting with David Johns and Nick Weeks at Matador to discuss this Perro Loco 27/22 unit, among other things. MRC made it clear during this meeting that they will not choose sides to participate until after the Operator has been determined by the NMOCD after the contested hearing on June 2, 2022.

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

| | | | |
|---|--------------|----------------------------------|---|
| Well Name: PERRO LOCO 27/22 B3PA FED COM #2H | | Prospect: PERRO LOCO | |
| Location: SL: 205 FSL & 2090 FEL (27); BHL: 100 FNL & 680 FEL (22) | | County: Lea ST: NM | |
| Sec. 27 | BLK: | Survey: | TWP: 22S RNG: 34E Prop. TVD: 11222 TMD: 21289 |

| INTANGIBLE COSTS 0180 | | CODE | TCP | CODE | CC |
|---|--|-----------|--------------------|-----------|--------------------|
| Regulatory Permits & Surveys | | 0180-0100 | \$20,000 | 0180-0200 | |
| Location / Road / Site / Preparation | | 0180-0105 | \$35,000 | 0180-0205 | \$35,000 |
| Location / Restoration | | 0180-0106 | \$200,000 | 0180-0206 | \$75,000 |
| Daywork / Turnkey / Footage Drilling | 24 days drlg / 3 days comp @ \$20500/d | 0180-0110 | \$525,500 | 0180-0210 | \$65,700 |
| Fuel | 1700 gal/day @ \$3.15/gal | 0180-0114 | \$137,100 | 0180-0214 | \$203,600 |
| Alternate Fuels | | 0180-0115 | | 0180-0215 | |
| Mud, Chemical & Additives | | 0180-0120 | \$70,000 | 0180-0220 | |
| Mud - Specialized | | 0180-0121 | \$120,000 | 0180-0221 | |
| Horizontal Drillout Services | | | | 0180-0222 | \$200,000 |
| Stimulation Toe Preparation | | | | 0180-0223 | \$30,000 |
| Cementing | | 0180-0125 | \$120,000 | 0180-0225 | \$35,000 |
| Logging & Wireline Services | | 0180-0130 | \$30,900 | 0180-0230 | \$375,000 |
| Casing / Tubing / Snubbing Services | | 0180-0134 | \$30,000 | 0180-0234 | \$18,000 |
| Mud Logging | | 0180-0137 | \$15,000 | | |
| Stimulation | 51 Stg 20.2 MM gal / 25.3 MM lb | | | 0180-0241 | \$2,313,900 |
| Stimulation Rentals & Other | | | | 0180-0242 | \$252,000 |
| Water & Other | | 0180-0145 | \$35,000 | 0180-0245 | \$400,000 |
| Bits | | 0180-0148 | \$105,700 | 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 | \$150,000 | | |
| Transportation | | 0180-0165 | \$30,000 | 0180-0265 | \$25,000 |
| Welding, Construction & Maint. Services | | 0180-0168 | \$4,000 | 0180-0268 | \$15,000 |
| Contract Services & Supervision | | 0180-0170 | \$140,000 | 0180-0270 | \$57,100 |
| Directional Services | Includes Vertical Control | 0180-0175 | \$335,600 | | |
| Equipment Rental | | 0180-0180 | \$160,000 | 0180-0280 | \$10,000 |
| Well / Lease Legal | | 0180-0184 | \$5,000 | 0180-0284 | |
| Well / Lease Insurance | | 0180-0185 | \$4,100 | 0180-0285 | |
| Intangible Supplies | | 0180-0188 | \$7,000 | 0180-0288 | \$1,000 |
| Damages | | 0180-0190 | \$5,000 | 0180-0290 | \$5,000 |
| Pipeline Interconnect, ROW Easements | | 0180-0192 | | 0180-0292 | \$5,000 |
| Company Supervision | | 0180-0195 | \$100,000 | 0180-0295 | \$36,000 |
| Overhead Fixed Rate | | 0180-0196 | \$10,000 | 0180-0296 | \$20,000 |
| Contingencies | 10% (TCP) 10% (CC) | 0180-0199 | \$245,700 | 0180-0299 | \$423,200 |
| TOTAL | | | \$2,702,600 | | \$4,655,000 |

| TANGIBLE COSTS 0181 | | CODE | TCP | CODE | CC |
|-------------------------------------|--|--------------------|--------------------|-----------|--------------------|
| Casing (19.1" - 30") | | 0181-0793 | | | |
| Casing (10.1" - 19.0") | 1750' - 13 3/8" 54.5# J-55 ST&C @ \$58.73/ft | 0181-0794 | \$109,800 | | |
| Casing (8.1" - 10.0") | 5700' - 9 5/8" 40# J-55 LT&C @ \$41.98/ft | 0181-0795 | \$255,600 | | |
| Casing (6.1" - 8.0") | 11540' - 7" 29# HPP110 BT&C @ \$36.92/ft | 0181-0796 | \$455,000 | | |
| Casing (4.1" - 6.0") | 10790' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$20.31/ft | | | 0181-0797 | \$234,000 |
| Tubing | 9700' - 2 7/8" 6.5# L-80 IPC Tbg @ \$12.5/ft | | | 0181-0798 | \$129,500 |
| Drilling Head | | 0181-0860 | \$35,000 | | |
| Tubing Head & Upper Section | | | | 0181-0870 | \$30,000 |
| Horizontal Completion Tools | Completion Liner Hanger | | | 0181-0871 | \$70,000 |
| Subsurface Equip. & Artificial Lift | | | | 0181-0880 | \$25,000 |
| Pumping Unit Systems | | | | 0181-0885 | |
| Service Pumps | (1/4) TP/CP/Circ pump | | | 0181-0886 | \$8,000 |
| Storage Tanks | (1/4) 8 OT/6 WT/GB | | | 0181-0890 | \$108,000 |
| Emissions Control Equipment | (1/4) VRT's/VRU/Flare/KO's | | | 0181-0892 | \$113,000 |
| Separation / Treating Equipment | (1/4) H sep/V sep/HT | | | 0181-0895 | \$105,000 |
| Automation Metering Equipment | | | | 0181-0898 | \$45,000 |
| Line Pipe & Valves - Gathering | 1 mile gas & water | | | 0181-0900 | \$45,000 |
| Fittings / Valves & Accessories | | | | 0181-0906 | \$213,000 |
| Cathodic Protection | | | | 0181-0908 | |
| Electrical Installation | | | | 0181-0909 | \$85,000 |
| Equipment Installation | | | | 0181-0910 | \$90,000 |
| Pipeline Construction | 1 mile gas & water | | | 0181-0920 | \$40,000 |
| TOTAL | | | \$855,400 | | \$1,340,500 |
| SUBTOTAL | | | \$3,558,000 | | \$5,995,500 |
| TOTAL WELL COST | | \$9,553,500 | | | |

Extra Expense Insurance

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

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

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

Prepared by: T. Cude Date: 12/30/2021

Company Approval: _____ Date: _____

Joint Owner Interest: _____ Amount: _____

Joint Owner Name: _____ Signature: _____

EXHIBIT

MEWBOURNE OIL COMPANY

FASKEN CENTER
500 WEST TEXAS, SUITE 1020
MIDLAND, TX 79701
TELEPHONE (432) 682-3715

June 6, 2022

Certified Mail – Return Receipt Requested

COG Operating LLC
600 W. Illinois Avenue
Midland, Texas 79701
Attn: Baylor Mitchell

To: Working Interest Owners in the Bone Spring formation
W/2E/2 §22 and the W/2E/2 §27-22S-27E, NMPM
Lea County New Mexico

Re: Overlapping spacing units

Ladies and Gentlemen:

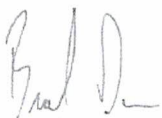
As you are aware, Mewbourne Oil Company ("Mewbourne") has proposed the drilling of the Perro Loco 27/22 B2OB Fed Com No. 2H ("27/22 B2OB") on the above-described lands to a depth sufficient to test the Second Bone Spring Sand. The W/2E/2 §22-22S-27E, NMPM is in the well unit for the Perro Loco 22 B3OB Federal Com No. 1H ("22 B3OB") (operated by Mewbourne), which has been drilled and completed in the Third Bone Spring Sand. All interest owners in the 22 B3OB well are in the well unit for the 27/22 B2OB well. However, the interest owners in the W/2E/2 §27 own no interest in the 22 B3OB well.

Mewbourne provides this notice pursuant to NMAC 19.15.16.15.B(9)(b). Because of the different sands being tested by the two wells, and the geological barrier between the two zones, Mewbourne expects no effects on the 22 B3OB well from the drilling and completion of the 27/22 B2OB well. In addition, distribution of production proceeds to the interest owners in the 22 B3OB well will not change upon the drilling of the 27/22 B2OB well. The Oil Conservation Division's Rule cited above requires Mewbourne to notify you of the overlapping well units. If you have any objection to Mewbourne filing an Application for Permit to Drill the 27/22 B3OB well, you must deliver a written statement of such objection to Mewbourne within 20 days of the date of this letter.

Should you have any questions regarding the above, please email me at bdunn@mewbourne.com or call me at (432) 682-3715. Thank you.

Sincerely,

MEWBOURNE OIL COMPANY



Brad Dunn
Petroleum Landman

ATTACHMENT 

MEWBOURNE OIL COMPANY

FASKEN CENTER
500 WEST TEXAS, SUITE 1020
MIDLAND, TX 79701
TELEPHONE (432) 682-3715

June 6, 2022

Certified Mail – Return Receipt Requested

COG Operating LLC
600 W. Illinois Avenue
Midland, Texas 79701
Attn: Baylor Mitchell

To: Working Interest Owners in the Bone Spring formation
E/2E/2 §22 and the E/2E/2 §27-22S-27E, NMPM
Lea County New Mexico

Re: Overlapping spacing units

Ladies and Gentlemen:

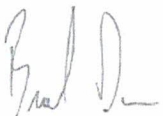
As you are aware, Mewbourne Oil Company ("Mewbourne") has proposed the drilling of the Perro Loco 27/22 B3PA Fed Com No. 2H ("27/22 B3PA") on the above-described lands to a depth sufficient to test the Third Bone Spring Sand. The E/2E/2 §22-22S-27E, NMPM is in the well unit for the Perro Loco 22 B2PA Federal Com No. 1H ("22 B2PA") (operated by Mewbourne), which has been drilled and completed in the Second Bone Spring Sand. All interest owners in the 22 B2PA well are in the well unit for the 27/22 B3PA well. However, the interest owners in the E/2E/2 §27 own no interest in the 22 B2PA well.

Mewbourne provides this notice pursuant to NMAC 19.15.16.15.B(9)(b). Because of the different sands being tested by the two wells, and the geological barrier between the two zones, Mewbourne expects no effects on the 22 B2PA well from the drilling and completion of the 27/22 B3PA well. In addition, distribution of production proceeds to the interest owners in the 22 B2PA well will not change upon the drilling of the 27/22 B3PA well. The Oil Conservation Division's Rule cited above requires Mewbourne to notify you of the overlapping well units. If you have any objection to Mewbourne filing an Application for Permit to Drill the 27/22 B2PA well, you must deliver a written statement of such objection to Mewbourne within 20 days of the date of this letter.

Should you have any questions regarding the above, please email me at bdunn@mewbourne.com or call me at (432) 682-3715. Thank you.

Sincerely,

MEWBOURNE OIL COMPANY



Brad Dunn
Petroleum Landman

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

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

Case No. 22633

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

Case No. 22634

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

Case No. 22635

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

Case No. 22636

SELF-AFFIRMED STATEMENT OF JORDAN CARRELL

Jordan Carrell 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 3rd Bone Spring Sand top. It shows that structure dips to the southwest. It also shows all of the Bone Spring horizontal wells in the area, and a line of cross-section.
 - (b) Attachment B is a 2nd Bone Spring Sand Gross Thickness Map. This map shows the locations of the two proposed 2nd Bone Spring Sand wells, the Perro Loco 27 B2PA Fed. Com. Well No. 1H and the Perro Loco 27/22 B2OB Fed. Com. Well No. 2H.

Only the 2nd Bone Spring is sought to be pooled in these two proposed well units. It is defined as depths from 10,087 feet subsurface to the base of the 2nd Bone Spring, at a depth of 10,526 feet subsurface, as found in the Compensated Neutron Litho Density log

EXHIBIT **3**

in the Sun Fed. Com. Well No. 1 (API No. 30-025-30603), located in Unit Letter O of Section 27, Township 22 South, Range 34 East, NMPM.

(c) Attachment C is a 3rd Bone Spring Sand Gross Thickness Map. This map shows the locations of the two proposed 3rd Bone Spring Sand wells, the Perro Loco 27 B3OB Fed. Com. Well No. 1H and the Perro Loco 27/22 B3PA Fed. Com. Well No. 2H.

Only the 3rd Bone Spring is sought to be pooled in these two proposed well units. It is defined as depths from 10,526 feet subsurface to the base of the Bone Spring formation, at a depth of 11,325 feet subsurface, as found in the Compensated Neutron Litho Density log in the Sun Fed. Com. Well No. 1 (API No. 30-025-30603), located in Unit Letter O of Section 27, Township 22 South, Range 34 East, NMPM.

(d) The reason the depths being pooled are limited is because of existing 2nd and 3rd Bone Spring wells in this acreage.

(e) Attachment D is a cross section of the 2nd and 3rd Bone Spring Sands, and shows the planned target zones for each well.

The well logs on the cross-section give a representative sample of the 2nd and 3rd Bone Spring Sands in this area. The sands are continuous and uniformly thick across the well units.

4. I conclude from the maps that:

(a) The horizontal spacing units are justified from a geologic standpoint.

(b) The target zones are continuous and of relatively uniform thickness across the well units.

(c) Each quarter-quarter section in the well units will contribute more or less equally to production from the target zone.

(d) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.

(e) Due to the 3rd Bone Spring Carbonate barrier, production from the 2nd Bone Spring wells will not affect the 3rd Bone Spring wells, and *vice versa*.

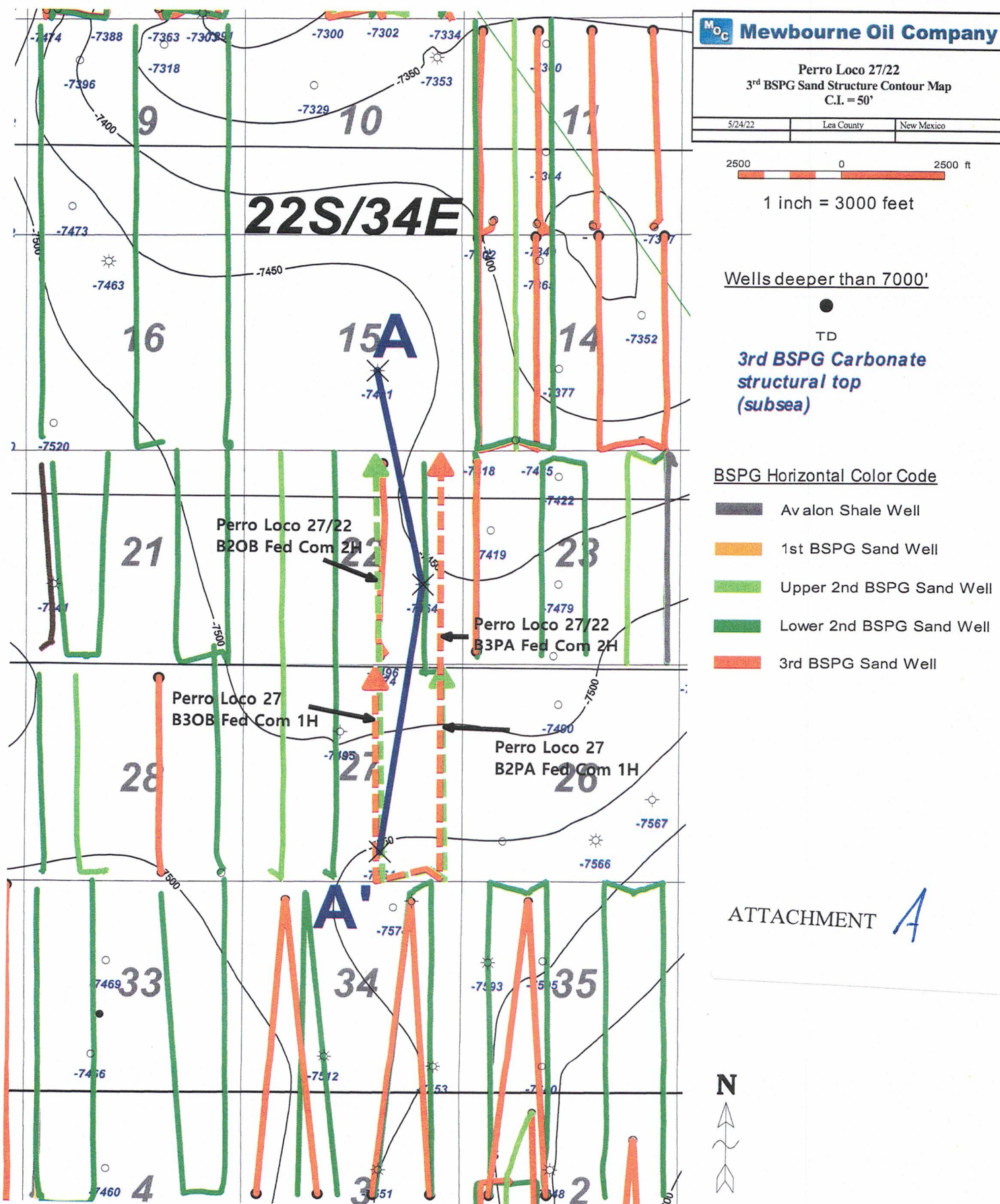
5. Attachment E contains production information from other 2nd and 3rd Bone Spring Sand wells drilled in this area. The 2nd and 3rd Bone Spring wells in this area are all standup wells.

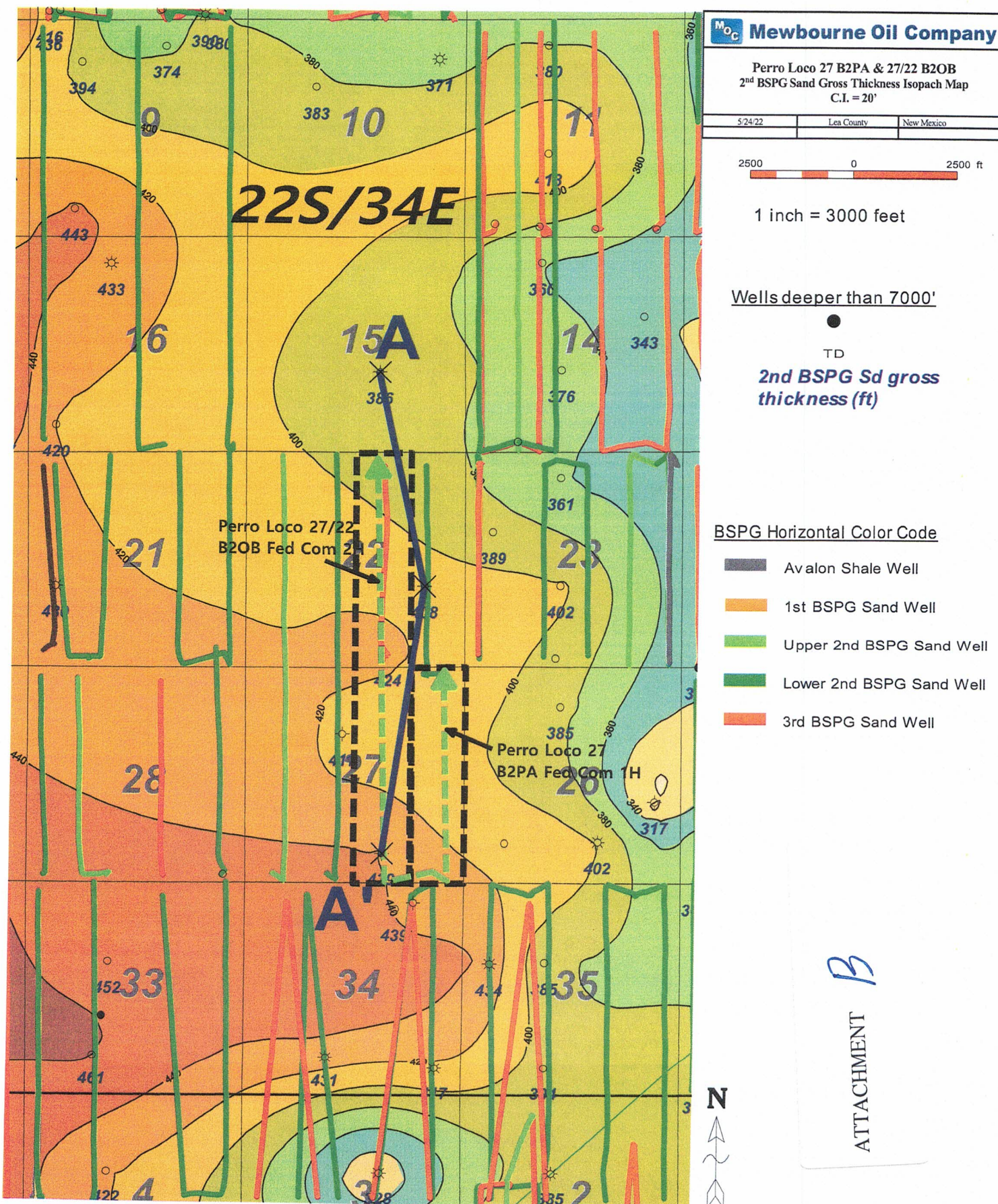
6. Attachment F contains the Horizontal Drilling Plans or Survey Calculation Reports for the proposed wells. The producing intervals of the wells will be orthodox.

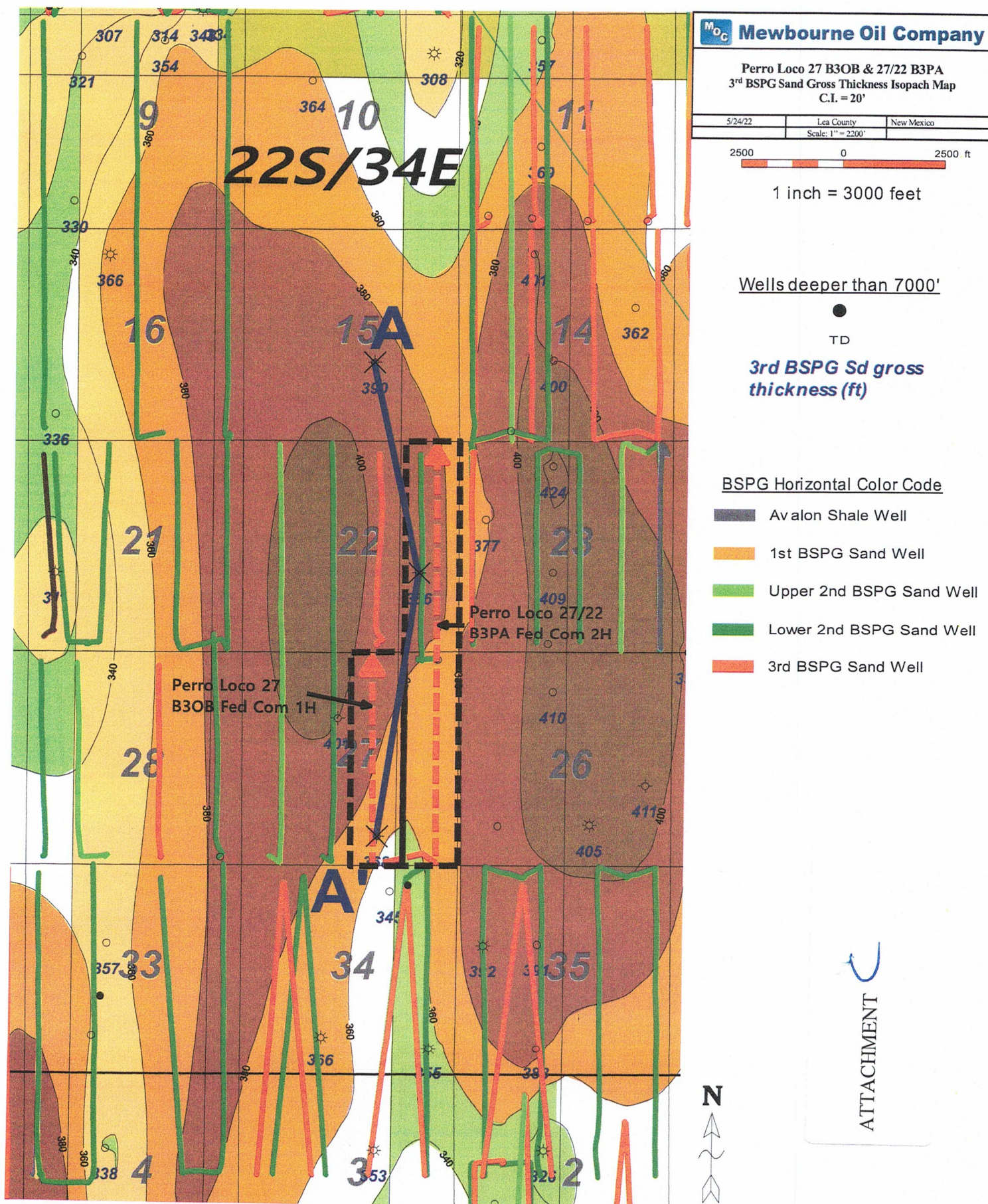
7. I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 6 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 7-26-2022

Jordan Carrell
Jordan Carrell







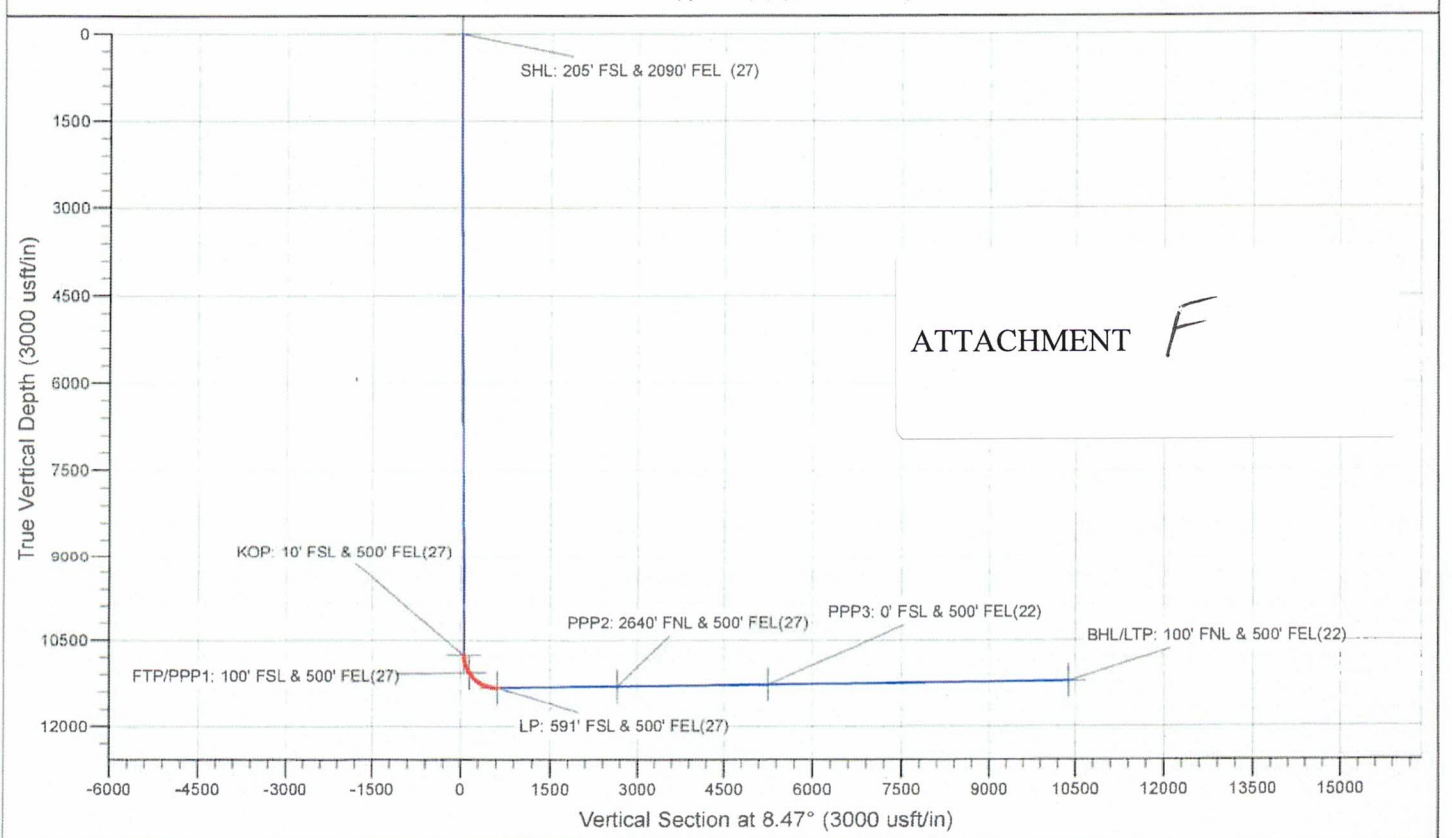
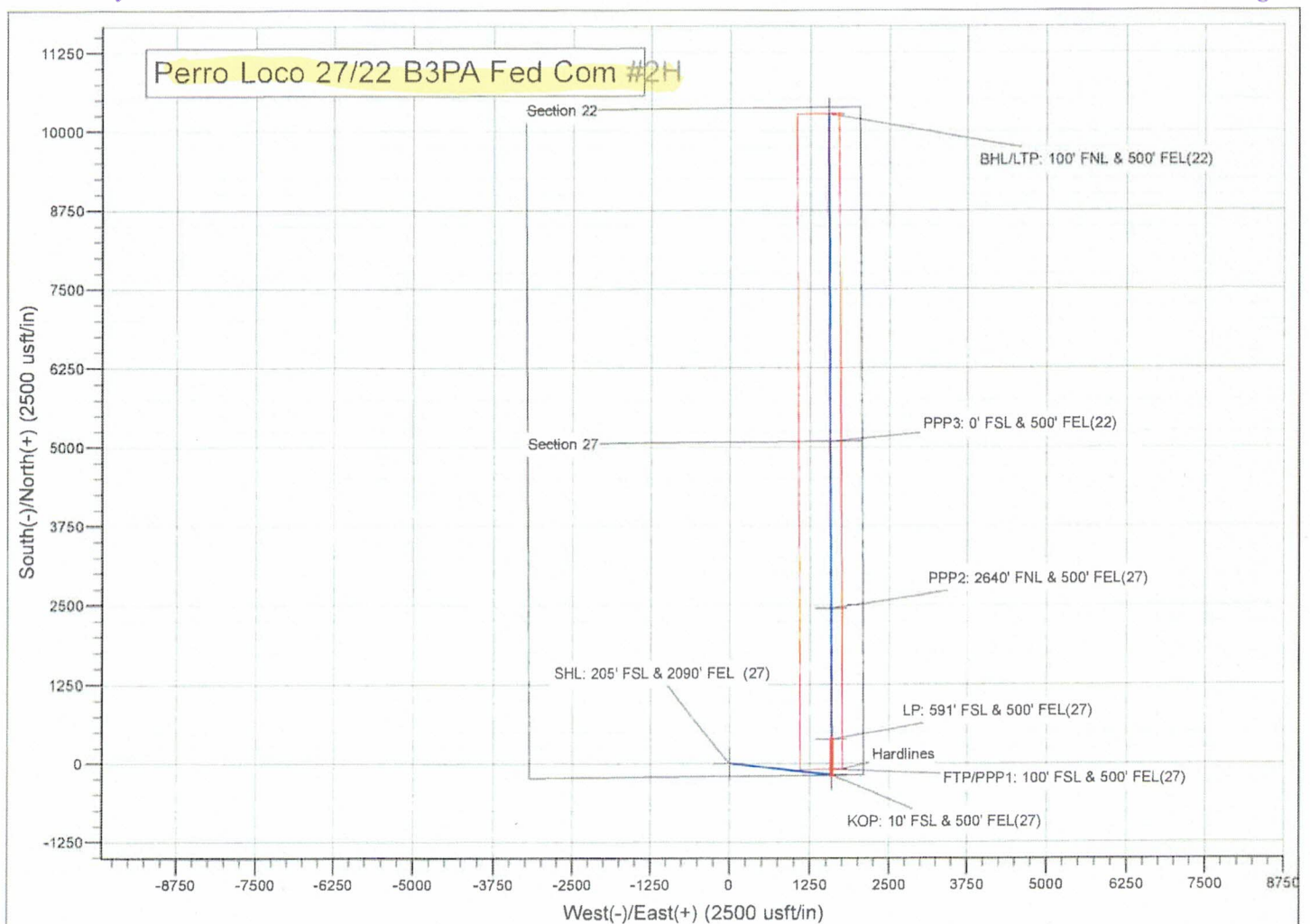


Perro Loco 2nd & 3rd Bone Spring Sand Horizontal Production Data Table

| Well Name | Operator | API | Location | Comp Date | Cum Oil (MBO) | Cum Gas (BCF) | Cum Water (MBW) | NS/EW | HZ Target |
|---------------------------------|-----------------------|------------|-------------------|------------|---------------|---------------|-----------------|-------|-------------|
| GAUCHO 21 FEDERAL 3H | DEVON ENERGY | 3002542136 | 22S 34E 21N SE SW | 2015-12-05 | 288 | 1.0 | 341 | NS | 2nd BSPG Sd |
| GAUCHO 21 FEDERAL 4H | DEVON ENERGY | 3002542137 | 22S 34E 21N | 2015-12-10 | 389 | 0.9 | 334 | NS | 2nd BSPG Sd |
| TOUR BUS 23 STATE 502H | DEVON ENERGY | 3002542735 | 22S 34E 23D | 2016-04-25 | 257 | 0.4 | 502 | NS | 2nd BSPG Sd |
| SMALLS FEDERAL 1H | COG OPERATING LLC | 3002543001 | 22S 34E 28P SE SE | 2016-07-01 | 530 | 0.9 | 684 | NS | 2nd BSPG Sd |
| SMALLS FEDERAL 7H | COG OPERATING LLC | 3002543068 | 22S 34E 28N SE SW | 2017-01-25 | 417 | 0.8 | 302 | NS | 2nd BSPG Sd |
| SMALLS FEDERAL 8H | COG OPERATING LLC | 3002543069 | 22S 34E 28M SW SW | 2017-01-20 | 741 | 1.5 | 453 | NS | 2nd BSPG Sd |
| SQUINTS FEDERAL COM 7H | COG OPERATING LLC | 3002543167 | 22S 34E 27N SE SW | 2020-08-02 | 720 | 1.1 | 496 | NS | 2nd BSPG Sd |
| SQUINTS FEDERAL COM 8H | COG OPERATING LLC | 3002543168 | 22S 34E 27M SW SW | 2020-07-26 | 500 | 0.8 | 407 | NS | 2nd BSPG Sd |
| RIO BLANCO 4 33 FEDERAL COM 3H | DEVON ENERGY | 3002543246 | 23S 34E 4E SW NW | 2019-04-03 | 398 | 0.5 | 543 | NS | 2nd BSPG Sd |
| PERRO LOCO 22 B2PA FEDERAL 1H | MEWBOURNE OIL CO | 3002543393 | 22S 34E 27A NE NE | 2017-07-03 | 253 | 0.4 | 418 | NS | 2nd BSPG Sd |
| GRAMA 8817 JV-P FEDERAL COM 2H | BTA OIL PRODUCERS LLC | 3002543426 | 22S 34E 16M SW SW | 2017-01-23 | 774 | 2.0 | 780 | NS | 2nd BSPG Sd |
| GRAMA 8817 16-9 FEDERAL 4H | BTA OIL PRODUCERS LLC | 3002543870 | 22S 34E 16O SW SE | 2019-02-26 | 787 | 1.5 | 548 | NS | 2nd BSPG Sd |
| GRAMA 8817 16-9 FEDERAL 5H | BTA OIL PRODUCERS LLC | 3002543871 | 22S 34E 16P SE SE | 2019-03-02 | 723 | 1.4 | 661 | NS | 2nd BSPG Sd |
| TOUR BUS 23 STATE 503H | CENTENNIAL RESOURCES | 3002543934 | 22S 34E 23C NE NW | 2018-01-02 | 246 | 0.5 | 507 | NS | 2nd BSPG Sd |
| TOUR BUS 23 STATE 504H | CENTENNIAL RESOURCES | 3002543935 | 22S 34E 23C | 2017-12-12 | 240 | 0.5 | 456 | NS | 2nd BSPG Sd |
| GAUCHO 21 FEDERAL 6H | DEVON ENERGY | 3002544178 | 22S 34E 21P SE SE | 2019-01-21 | 460 | 0.7 | 340 | NS | 2nd BSPG Sd |
| TOUR BUS 23 STATE 505H | CENTENNIAL RESOURCES | 3002544614 | 22S 34E 23A | 2018-06-30 | 242 | 0.5 | 377 | NS | 2nd BSPG Sd |
| TOUR BUS 23 STATE 506H | CENTENNIAL RESOURCES | 3002544615 | 22S 34E 23A | 2018-06-30 | 202 | 0.3 | 390 | NS | 2nd BSPG Sd |
| RIO BLANCO 4 33 FEDERAL COM 38H | DEVON ENERGY | 3002544829 | 23S 34E 4E SW NW | 2019-04-05 | 330 | 0.4 | 412 | NS | 2nd BSPG Sd |
| RIO BLANCO 4 33 FEDERAL COM 39H | DEVON ENERGY | 3002544830 | 23S 34E 4G SW NE | 2019-04-11 | 332 | 0.5 | 392 | NS | 2nd BSPG Sd |
| RIO BLANCO 4 33 FEDERAL COM 5H | DEVON ENERGY | 3002544962 | 23S 34E 4G SW NE | 2019-04-11 | 399 | 0.5 | 446 | NS | 2nd BSPG Sd |
| GAUCHO 21 FEDERAL 7H | DEVON ENERGY | 3002545238 | 22S 34E 21P SE SE | 2019-01-21 | 399 | 0.9 | 346 | NS | 2nd BSPG Sd |
| MAXUS 8026 FEDERAL 3H | BTA OIL PRODUCERS LLC | 3002546815 | 22S 34E 34A NE NE | 2020-09-01 | 358 | 0.5 | 635 | NS | 2nd BSPG Sd |
| MAXUS 8026 FEDERAL 4H | BTA OIL PRODUCERS LLC | 3002546816 | 22S 34E 34A NE NE | 2020-09-24 | 345 | 0.4 | 566 | NS | 2nd BSPG Sd |
| NORTH RIDGE 8040 FEDERAL COM 1H | BTA OIL PRODUCERS LLC | 3002546957 | 22S 34E 35C NE NW | 2020-10-10 | 329 | 0.5 | 437 | NS | 2nd BSPG Sd |
| NORTH RIDGE 8040 FEDERAL COM 2H | BTA OIL PRODUCERS LLC | 3002546958 | 22S 34E 35C NE NW | 2020-10-09 | 295 | 0.5 | 455 | NS | 2nd BSPG Sd |
| NORTH RIDGE 8040 FEDERAL COM 3H | BTA OIL PRODUCERS LLC | 3002546959 | 22S 34E 35A NE NE | 2020-10-21 | 170 | 0.3 | 353 | NS | 2nd BSPG Sd |
| NORTH RIDGE 8040 FEDERAL COM 4H | BTA OIL PRODUCERS LLC | 3002546960 | 22S 34E 35A NE NE | 2020-10-21 | 219 | 0.4 | 365 | NS | 2nd BSPG Sd |
| MAXUS 8026 FEDERAL 5H | BTA OIL PRODUCERS LLC | 3002546817 | 22S 34E 34C NE NW | 2021-07-01 | 196 | 0.3 | 299 | NS | 2nd BSPG Sd |
| MAXUS 8026 FEDERAL 6H | BTA OIL PRODUCERS LLC | 3002546818 | 22S 34E 34C NE NW | 2021-07-26 | 226 | 0.3 | 327 | NS | 2nd BSPG Sd |
| CABRA LOCA 11 B30B STATE 1H | MEWBOURNE OIL CO | 3002542002 | 22S 34E 11O | 2014-12-03 | 337 | 0.3 | 167 | NS | 3rd BSPG Sd |

ATTACHMENT E

| | | | | | | | | | |
|---------------------------------|-----------------------|------------|-------------------|------------|-----|-----|-----|----|-------------|
| CABRA LOCA 11 B3PA STATE COM 1H | MEWBOURNE OIL CO | 3002542149 | 22S 34E 11P | 2015-09-12 | 223 | 0.3 | 212 | NS | 3rd BSPG Sd |
| PERRO LOCO 22 B3OB FEDERAL 1H | MEWBOURNE OIL CO | 3002542288 | 22S 34E 22O SW SE | 2015-03-09 | 146 | 0.2 | 394 | NS | 3rd BSPG Sd |
| CABRA NINO 11 B3NC STATE COM 1H | MEWBOURNE OIL CO | 3002542597 | 22S 34E 11N | 2016-11-30 | 568 | 0.8 | 260 | NS | 3rd BSPG Sd |
| CABRA NINO 11 B3MD STATE COM 1H | MEWBOURNE OIL CO | 3002542598 | 22S 34E 11M | 2017-09-13 | 525 | 0.8 | 222 | NS | 3rd BSPG Sd |
| SMALLS FEDERAL 2H | COG OPERATING LLC | 3002543064 | 22S 34E 28O SW SE | 2018-06-02 | 297 | 0.4 | 435 | NS | 3rd BSPG Sd |
| CHISO 14 STATE 8711 3H | BTA OIL PRODUCERS LLC | 3002543614 | 22S 34E 14P | 2017-06-05 | 142 | 0.1 | 267 | NS | 3rd BSPG Sd |
| CHISO 14 STATE 8711 4H | BTA OIL PRODUCERS LLC | 3002543615 | 22S 34E 14P | 2017-06-01 | 140 | 0.2 | 318 | NS | 3rd BSPG Sd |
| TOUR BUS 23 STATE 601H | CENTENNIAL RESOURCES | 3002544290 | 22S 34E 23D | 2018-04-23 | 180 | 0.3 | 367 | NS | 3rd BSPG Sd |
| MAXUS 8026 FEDERAL 9H | BTA OIL PRODUCERS LLC | 3002546821 | 22S 34E 34A NE NE | 2021-08-08 | 289 | 0.4 | 307 | NS | 3rd BSPG Sd |
| NORTH RIDGE 8040 FEDERAL COM 6H | BTA OIL PRODUCERS LLC | 3002546961 | 22S 34E 35C NE NW | 2022-01-01 | 83 | 0.1 | 115 | NS | 3rd BSPG Sd |
| NORTH RIDGE 8040 FEDERAL COM 5H | BTA OIL PRODUCERS LLC | 3002547000 | 22S 34E 35C NE NW | 2022-02-07 | 97 | 0.1 | 127 | NS | 3rd BSPG Sd |
| MAXUS 8026 FEDERAL 7H | BTA OIL PRODUCERS LLC | 3002546819 | 22S 34E 34D NW NW | 2022-02-01 | 71 | 0.1 | 81 | NS | 3rd BSPG Sd |
| MAXUS 8026 FEDERAL 8H | BTA OIL PRODUCERS LLC | 3002546820 | 22S 34E 34D NW NW | 2022-02-22 | 68 | 0.1 | 66 | NS | 3rd BSPG Sd |



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

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

Case Nos. 22634

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 owner, at its last known address, by certified mail. Copies of the notice letters and certified return receipts are attached hereto as Attachments A and B.
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: 7/27/22


James Bruce

EXHIBIT A

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

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

Case No. 22634

NOTICE LETTERS

| PARTY | NOTICE LETTER SENT | RETURN RECEIVED |
|--|--------------------|-----------------|
| COG Operating, LLC Attn: Baylor Mitchell 600 W. Illinois Avenue Midland, TX 79701 | 03/09/22 | 03/16/22 |
| MRC Delaware Resources LLC Attn: David Johns 5400 LBJ Freeway, Ste. 1500 Houston, TX 77210-4294 | 03/09/22 | 03/16/22 |

ATTACHMENT

A



HINKLE SHANOR LLP
ATTORNEYS AT LAW
PO BOX 2068
SANTA FE, NEW MEXICO 87504
505-982-4554 (FAX) 505-982-8623

WRITER:
Dana S. Hardy, Partner
dhardy@hinklelawfirm.com

March 9, 2022

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO VERTICAL OFFSETS IN POOL

Re: Case No. 22634: Application of Mewbourne Oil Company for Compulsory Pooling, Lea County, New Mexico

To whom it may concern:

This letter is to advise you that the enclosed application was filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **April 7, 2022** beginning at 8:15 a.m. *Your interest is not being pooled by this application.* You are receiving this notice because you own an offsetting vertical interest within the Bone Spring formation that is not included in the horizontal spacing unit identified in this application.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/oecd/hearing-info/>. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date. The statement must be filed at the Division's Santa Fe office or submitted through the OCD E-Permitting system (<https://wwwapps.emnrd.state.nm.us/oecd/oecdpermitting/>) and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

Thank you for your attention to this matter.

Sincerely,

/s/ Dana S. Hardy
Dana S. Hardy

Enclosure

PO BOX 10
ROSWELL, NEW MEXICO 88202
575-622-6510
(FAX) 575-623-9332

PO BOX 1720
ARTESIA, NEW MEXICO 88210
575-622-6510
(FAX) 575-746-6316

PO BOX 2068
SANTA FE, NEW MEXICO 87504
505-982-4554
(FAX) 505-982-8623

7021 0950 0002 0367 2125

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$


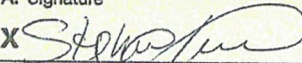
Total Postage and Fees \$

Sent To

COG Operating LLC
Attn: Baylor Mitchell
600 W. Illinois Avenue
Midland, TX 79701

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

SANTALE MAIN POST OFFICE
MAR 09 2022
87501-9998

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY | | | | | | | | | | | | | | | | |
|--|--|--|---|--|---|---|--|---|--|--|---|--|--|---------------------------------------|--|--|--|
| <p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>COG Operating LLC Attn: Baylor Mitchell 600 W. Illinois Avenue Midland, TX 79701</p> <p> 9590 9402 6746 1074 2394 52</p> <p>2. Article Number (Transfer from service label) 7021 0950 0002 0367 2125</p> | <p>A. Signature X  <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Stephany Ledick</p> <p>C. Date of Delivery 3-4-22</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type</p> <table border="0"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</td> <td></td> </tr> </table> | <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® | <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ | <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery | <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Signature Confirmation™ | <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery | <input type="checkbox"/> Collect on Delivery Restricted Delivery | | <input type="checkbox"/> Insured Mail | | <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) | |
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Signature Confirmation™ | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Insured Mail | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) | | | | | | | | | | | | | | | | | |

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

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☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage \$
 Total Postage and Fees \$

Sent To
 Street and City, State, ZIP+4®
 MRC Delaware Resources LLC
 Attn: David Johns
 5400 LBJ Freeway, Suite 1500
 Dallas, TX 75240

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

Postmark Here
 SANTA FE MAIN POST OFFICE
 MAR 09 2022

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY |
|--|--|
| <p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>MRC Delaware Resources LLC Attn: David Johns 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240</p> <p>9590 9402 6746 1074 2394 45</p> <p>2. Article Number (Transfer from service label) 7021 0950 0002 0367 2132</p> | <p>A. Signature X L Brown <i>MAP</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) L Brown</p> <p>C. Date of Delivery 3/9/22</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below <input type="checkbox"/> No</p> <p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p> <p><input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> |

PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

JMES 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

July 14, 2022

ATTACHMENT **B**

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed are copies of four applications for compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, seeking to pool all uncommitted mineral interest owners in the Bone Spring formation (depth limited) underlying the following horizontal well units:

Case No. 22633: the W/2E/2 of Section 27, Township 22 South, Range 34 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Perro Loco 27 B3OB Fed. Com. Well No. 1H;

Case No. 22634: the E/2E/2 of Section 22 and the E/2E/2 Section 27, Township 22 South, Range 34 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Perro Loco 27/22 B3PA Fed. Com. Well No. 2H;

Case No. 22635: the E/2E/2 of Section 27, Township 22 South, Range 34 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Perro Loco 27 B2PA Fed. Com. Well No. 1H; and

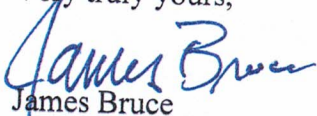
Case No. 22636: the W/2E/2 of Section 22 and the W/2E/2 Section 27, Township 22 South, Range 34 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Perro Loco 27/22 B2OB Fed. Com. Well No. 2H.

These matters are scheduled for hearing at 8:15 a.m. on Thursday, August 4, 2022. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an

electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>. You are not required to attend this hearing, but as an owner of an interest who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date.

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at ocd.hearings@state.nm.us, 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

Tara N. Pace
5716 Ridgemont Place
Midland, TX 79707

Aleyna N. Pace
5716 Ridgemont Place
Midland, TX 79707

Larry T. Long
P.O. Box 1777
Kilgore, TX 75663

7020 0090 0000 0865 0715

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| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ _____ |
| <input type="checkbox"/> Adult Signature Required | \$ _____ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ _____ |

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Sent To Tara N. Pace
5716 Ridgemont Place
Midland, TX 79707

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City, State, ZIP+4® _____

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

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|--|----------|
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| <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
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Total Postage and Fees
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Sent To Larry T. Long
P.O. Box 1777
Kilgore, TX 75663

Street and Apt. No., or PO Box _____

City, State, ZIP+4® _____

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

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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
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Total Postage and Fees
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Sent To Aleya N. Pace
5716 Ridgemont Place
Midland, TX 79707

Street and Apt. No., or PO Box _____

City, State, ZIP+4® _____

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

| SENDER: COMPLETE THIS SECTION | | COMPLETE THIS SECTION ON DELIVERY | |
|--|--|--|--|
| <ul style="list-style-type: none">■ Complete items 1, 2, and 3.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits. | | <p>A. Signature X <i>Kathy Addison</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery 7-19-22</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 1777</p> | |
| 1. Article Addressed to: Larry T. Long P.O. Box 1777 Kilgore, TX 75663 | | | |
|  9590 9402 7543 2098 9631 58 | | 3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Adult Signature Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Signature Confirmation Restricted Delivery | |
| 2. Article Number 7020 0090 0000 0865 0692 | | (over \$500) icted Delivery | |
| PS Form 3811, July 2020 PSN 7530-02-000-9053 | | <i>M P Loco</i> Domestic Return Receipt | |

CASE NOS. 22633 - 22636

STATUS OF CERTIFIED NOTICE

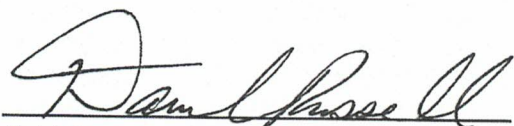
| <u>INTEREST OWNER</u> | <u>MAILING DATE</u> | <u>RECEIPT DATE</u> | <u>CARD RETURNED</u> |
|-----------------------|---------------------|----------------------|----------------------|
| Tara N. Pace | July 14, 2022 | Returned Undelivered | No |
| Aleyna N. Pace | " | Returned Undelivered | No |
| Larry T. Long | " | July 19, 2022 | Yes |

Affidavit of Publication

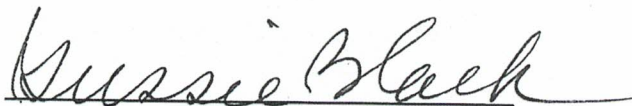
STATE OF NEW MEXICO
COUNTY OF LEA

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

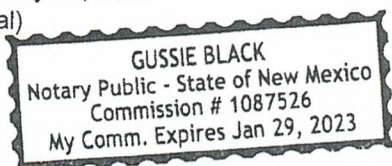
Beginning with the issue dated
March 17, 2022
and ending with the issue dated
March 17, 2022.


Publisher

Sworn and subscribed to before me this
17th day of March 2022.


Business Manager

My commission expires
January 29, 2023
(Seal)



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

LEGAL NOTICE
March 17, 2022

This is to notify all interested parties, including COG Operating LLC; MRC Delaware Resources, LLC; and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by Mewbourne Oil Company (Case No. 22634). During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on April 7, 2022, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website for that date: <http://www.emnrd.state.nm.us/OCD/hearings.html>. Applicant applies for an order pooling all uncommitted interests in the Bone Spring formation from a depth of approximately 10,526' MD to the base of the Bone Spring formation underlying a 320-acre, more or less, standard horizontal spacing unit comprised of the E/2E/2 of Sections 22 and 27, Township 22 South, Range 34 East, Lea County, New Mexico ("Unit"). The Unit will be dedicated to the Perro Loco 27/22 B3PA Fed Com #2H well to be horizontally drilled from a surface hole location in the SE/4SE/4 (Unit P) of Section 27 to a bottom hole location in the NE/4NE/4 (Unit A) of Section 22. A depth severance exists in the Bone Spring formation within the proposed Unit. Accordingly, Applicant seeks to pool all uncommitted interests from a depth of approximately 10,526' MD to the base of the formation (at a stratigraphic equivalent of approximately 11,354' MD as observed on the Sun Federal Com #1 (API 3002530603) well log). Also to be considered will be the cost of drilling and completing the Well and the allocation of the costs, the designation of Applicant as the operator of the 200% charge for the risk involved in completing the Well. The Well is located approximately 45 miles east of Carlsbad, New

EXHIBIT 5

02107475

00264718

GILBERT
HINKLE, SHANOR LLP
PO BOX 2068
SANTA FE, NM 87504

Affidavit of Publication

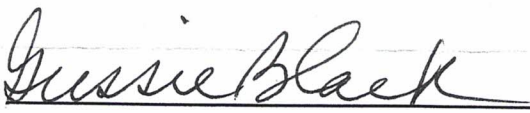
STATE OF NEW MEXICO
COUNTY OF LEA

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

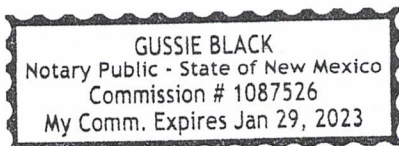
Beginning with the issue dated
July 22, 2022
and ending with the issue dated
July 22, 2022.


Publisher

Sworn and subscribed to before me this
22nd day of July 2022.


Business Manager

My commission expires
January 29, 2023
(Seal)



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

LEGAL NOTICE
July 22, 2022

To: Tara N. Pace, Aleya N. Pace, and Larry T. Long, or your heirs, devisees, successors, or assigns: Mewbourne Oil Company has filed four applications with the New Mexico Oil Conservation Division, seeking orders pooling all uncommitted mineral interest owners in the Bone Spring formation underlying horizontal spacing units comprised of:

Case No. 22633: the W/2E/2 of Section 27, Township 22 South, Range 34 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Perro Loco 27 B3OB Fed. Com. Well No. 1H;
Case No. 22634: the E/2E/2 of Section 22 and the E/2E/2 Section 27, Township 22 South, Range 34 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Perro Loco 27/22 B3PA Fed. Com. Well No. 2H;
Case No. 22635: the E/2E/2 of Section 27, Township 22 South, Range 34 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Perro Loco 27 B2PA Fed. Com. Well No. 1H; and
Case No. 22636: the W/2E/2 of Section 22 and the W/2E/2 Section 27, Township 22 South, Range 34 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the Perro Loco 27/22 B2OB Fed. Com. Well No. 2H.

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 at 8:15 a.m. on Thursday, August 4, 2022. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnr.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnr.state.nm.us/OCD/announcements.html>. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, July 28, 2022. This statement may be filed online with the Division at ocd.hearings@state.nm.us. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date. The attorney for applicant is James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, jamesbruce@aol.com. The units are located approximately 14 mile southwest of Oil Center, New Mexico. #37878

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

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

| | |
|---|--|
| Case: | 22634 |
| Date | August 4, 2022 |
| Applicant | Mewbourne Oil Company |
| Designated Operator & OGRID (affiliation if applicable) | Mewbourne Oil Company/OGRID No. 14744 |
| Applicant's Counsel: | James Bruce |
| Case Title: | Application of Mewbourne Oil Company for Compulsory Pooling, Lea County, New Mexico |
| Entries of Appearance/Intervenors: | COG Operating LLC/Holland & Hart LLP |
| Well Family | Perro Loco Bone Spring wells |
| Formation/Pool | |
| Formation Name(s) or Vertical Extent: | Bone Spring Formation |
| Primary Product (Oil or Gas): | Oil |
| Pooling this vertical extent: | Entire Bone Spring formation |
| Pool Name and Pool Code: | Ojo Chiso; Bone Spring, East (Pool Code 96553) |
| Well Location Setback Rules: | Current horizontal well rules |
| Spacing Unit Size: | Quarter-quarter sections/40 acres |
| Spacing Unit | |
| Type (Horizontal/Vertical) | Horizontal |
| Size (Acres) | 320 acres |
| Building Blocks: | 40 acres |
| Orientation: | South-North |
| Description: TRS/County | E/2E/2 §27 & E/2E/2 §22-22S-34E, NMPM, Lea County |
| Standard Horizontal Well Spacing Unit (Y/N), If No, describe | Yes |
| Other Situations | |
| Depth Severance: Y/N. If yes, description | No |
| Proximity Tracts: If yes, description | No |
| Proximity Defining Well: if yes, description | |
| Applicant's Ownership in Each Tract | Exhibit 2-B |
| Well(s) | |
| Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard) | <p>Perro Loco 27/22 B3PA Fed. Com. Well No. 2H API No. 30-015-Pending SHL: 205 FSL & 2090 FEL §27 BHL: 100 FNL & 680 FEL §22 FTP: 100 FSL & 680 FEL §27 LTP: 100 FNL & 680 FEL §22 Third Bone Spring/TVD 11222 feet/MD 21289 feet</p> <p>Only the 3rd Bone Spring is sought to be pooled in this proposed well unit. It is defined as depths from 10,526 feet subsurface to the base of the Bone Spring formation, at a depth of 11,325 feet subsurface, as</p> |

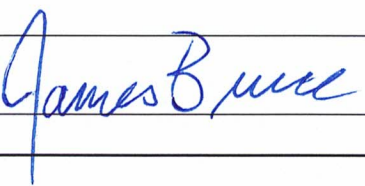
EXHIBIT

6

found in the Compensated Neutron Litho Density log in the Sun **Page 49 of 50**
Com. Well No. 1 (API No. 30-025-30603), located in Unit Letter O of
Section 27, Township 22 South, Range 34 East, NMPM.

| | |
|--|-------------|
| Horizontal Well First and Last Take Points | See above |
| Completion Target (Formation, TVD and MD) | See above |
| AFE Capex and Operating Costs | |
| Drilling Supervision/Month \$ | \$8000 |
| Production Supervision/Month \$ | \$800 |
| Justification for Supervision Costs | Exhibit 2 |
| Requested Risk Charge | Exhibit 2 |
| Notice of Hearing | |
| 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 |
| Ownership Determination | |
| Land Ownership Schematic of the Spacing Unit | Exhibit 2-B |
| Tract List (including lease numbers and owners) | Exhibit 2-B |
| Pooled Parties (including ownership type) | Exhibit 2-B |
| Unlocatable Parties to be Pooled | |
| Ownership Depth Severance (including percentage above & below) | None |
| Joinder | |
| Sample Copy of Proposal Letter | Exhibit 2-C |
| List of Interest Owners (i.e. Exhibit A of JOA) | Exhibit 2-B |
| Chronology of Contacts 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 |
| Geology | |
| Summary (including special considerations) | Exhibit 3 |
| Spacing Unit Schematic | Exhibit 3-B |
| Gunbarrel/Lateral Trajectory Schematic | Exhibit 3-D |
| Well Orientation (with rationale) | Exhibit 3 |
| Target Formation | Bone Spring |
| HSU Cross Section | Exhibit 3-D |
| Depth Severance Discussion | N/A |

Forms, Figures and Tables

| | |
|--|--|
| 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-A |
| Cross Section (including Landing Zone) | Exhibit 3-D |
| Additional Information | |
| CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate. | |
| Printed Name (Attorney or Party Representative): | James Bruce |
| Signed Name (Attorney or Party Representative): |  |
| Date: | July 28, 2022 |