

MEWBOURNE OIL COMPANY  
4801 Business Park Blvd  
Hobbs, NM 88240  
575-393-5905

September 15, 2020

Engineering Bureau  
New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

RE: Application for CTB

To: Whom It May Concern

Mewbourne Oil Company ("Mewbourne") is requesting permission to surface commingle production from 4 wells located on Fee Leases, which comprise portions of Section 21 & 28, T23S, R28E, Eddy County, New Mexico. All oil production from these wells is to be stored in a Central Tank Battery, located in the SESE of said Section 28 and the gas production from these wells will flow to a Sendero Master Meter #10108 located on-site. Information detailing each well is attached.

Please find the following enclosed:

Cover Letter  
Commingle Summary Page  
Form C102 of wells & battery  
Detailed Maps: lease boundaries & facility locations  
Facility Diagram  
Application Checklist  
Form C-107B  
Copy of letter sent certified to all involved parties  
List of all involved parties

Signed:



Printed Name: Joe Bryand  
Title: Senior Production Engineer  
Date: 9/15/2020

## APPLICATION FOR COMMINGLING

### Commingling procedure for Thor & Starship leases:

Mewbourne Oil Company is requesting approval for surface commingle production from wells located on Fee leases below in a Central Tank Battery "CTB":

| Well Name                         | Location                                       | API #        | Pool #                                    | MCFPD | Dry BTU @<br>14.73 PSI |
|-----------------------------------|--|--------------|---|-------|------------------------|
| Starship 28/21<br>W0OB Fee<br>#1H | 215' FSL &<br>1200' FEL, Sec<br>28, T23S, R28E | 30-015-46353 | [98220] PURPLE<br>SAGE, WOLFCAMP<br>(GAS) | ~3000 | ~1250                  |
| Starship 28/21<br>W0OB Fee<br>#2H | 215' FSL &<br>1230' FEL, Sec<br>28, T23S, R28E | 30-015-46352 | [98220] PURPLE<br>SAGE, WOLFCAMP<br>(GAS) | ~3000 | ~1250                  |
| Thor 28<br>W0MD Fee<br>#1H        | 612' FSL &<br>1222' FWL, Sec<br>28, T23S, R28E | 30-015-46272 | [98220] PURPLE<br>SAGE, WOLFCAMP<br>(GAS) | ~2000 | ~1250                  |
| Thor 28<br>W0NC Fee<br>#1H        | 612' FSL &<br>1252' FWL, Sec<br>28, T23S, R28E | 30-015-46246 | [98220] PURPLE<br>SAGE, WOLFCAMP<br>(GAS) | ~2000 | ~1250                  |

### Oil, Water, & Gas metering

The central tank battery is located on the Starship 28/21 W1OB Fee #1H well pad located in the SESE of Section 28, T23S, R28E, Eddy County, New Mexico. The production for all wells will come to its own separator. From the separator production will be allocated as follows:

#### Oil Metering:

Oil volumes from each well producing to the battery will be determined by using an allocation meter at the facility for each well. Oil from each separator will be metered and then sent to a heater treater (HT). Oil from the HT will then flow to a vapor recovery tower (VRT) and then to the 750 BBL oil tanks (OT). Oil production will be allocated on a daily basis based from the oil allocation meter downstream of the separator. This meter will be proven based on API, NMOCD and BLM specifications by tank testing. This process is performed by isolating a well to specific oil tanks and calibrating the meter based on the production numbers. The oil production from these wells listed above will be measured, commingled and then sold via truck haul or LACT.

#### Water Metering:

Water volumes from each well producing to the battery will be determined by using an allocation meter at the facility for each well. Water from each separator will be metered and sent to the 1000 BBL gun barrel (GB). From the GB the water will be sent to the 750 BBL water tanks (WT). Water production will be allocated on a daily basis based from the water allocation meter downstream of the separator. The water production from these wells listed above will be measured, commingled and disposed of via truck haul or pipelined to disposal.

#### Gas Metering:

Gas volumes from each well producing to these batteries will be determined by using an allocation gas meter after the separator at the facility for each well. The gas production from the wells listed above will be measured, commingled, and then sold on lease using the 24 hr. well test method. A Sendero common gas sales meter (MM #10108) will be located on-site of the CTB. This meter is calibrated on a regular basis per API, NMOCD and BLM specifications.

**Economic Justification**

| Well Name                   | BOPD EST | Oil Gravity @ 60° | Value/bbl | MCFPD  | Dry BTU @ 14.73 PSI | Value/MCF |
|-----------------------------|----------|-------------------|-----------|--------|---------------------|-----------|
| Starship 28/21 W0OB Fee #1H | 1500     | 48                | \$40      | ~3000  | ~1250               | \$1.28    |
| Starship 28/21 W0OB Fee #2H | 1500     | 48                | \$40      | ~3000  | ~1250               | \$1.28    |
| Thor 28 W0MD Fee #1H        | 1000     | 48                | \$40      | ~2000  | ~1250               | \$1.28    |
| Thor 28 W0NC Fee #1H        | 1000     | 48                | \$40      | ~2000  | ~1250               | \$1.28    |
| CTB Combined                | 5000     | 48                | \$40      | ~10000 | 1250                | \$1.28    |

**Process and Flow Descriptions:**

The flow of production is shown in detail on the enclosed facility diagram and map which shows lease boundaries, wells, battery, & MM location. The commingling of production is in the interest of conservation and waste and will result in the most effective economic means of producing the reserves in place from the affected wells and will not result in reduced royalty or improper measurement of production.

Working, royalty, & overriding interest owners have been notified of the proposal via certified mail (see attached).

Signed: 

Printed Name: Joe Bryand  
 Title: Senior Production Engineer  
 Date: 9/15/2020

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

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

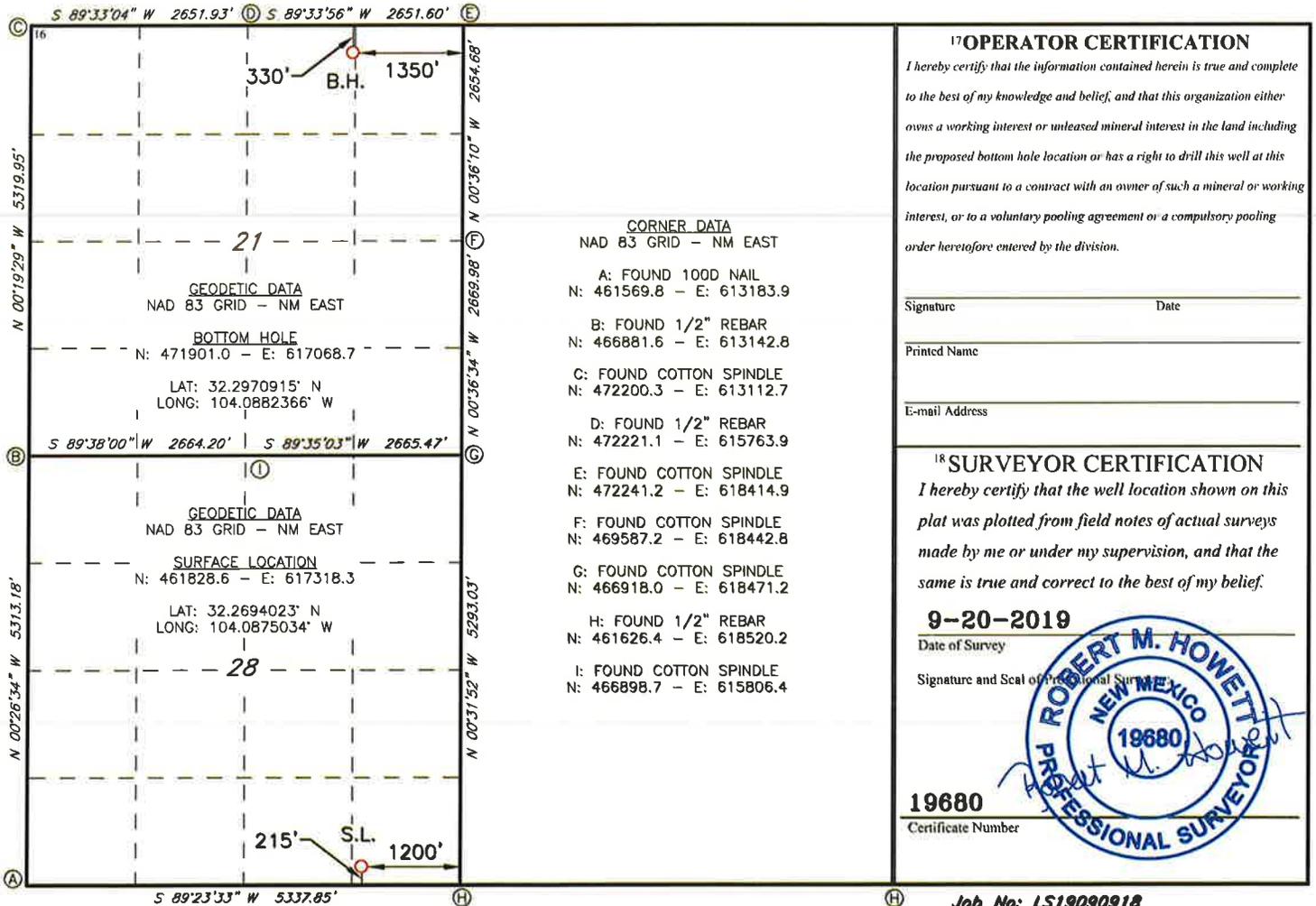
Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|  |                               |  |                         |                        |                             |  |                              |                               |                       |
|--|-------------------------------|--|-------------------------|------------------------|-----------------------------|--|------------------------------|-------------------------------|-----------------------|
| <sup>1</sup> API Number                                      |                               | <sup>2</sup> Pool Code                                       |                         | <sup>3</sup> Pool Name |                             |  |                              |                               |                       |
| <sup>4</sup> Property Code                                   |                               | <sup>5</sup> Property Name<br><b>STARSHIP 28/21 WOOB FEE</b> |                         |                        |                             | <sup>6</sup> Well Number<br><b>1H</b>  |                              |                               |                       |
| <sup>7</sup> GRID NO.  |                               | <sup>8</sup> Operator Name<br><b>MEWBOURNE OIL COMPANY</b>   |                         |                        |                             | <sup>9</sup> Elevation<br><b>3063'</b> |                              |                               |                       |
| <sup>10</sup> Surface Location                               |                               |  |                         |                        |                             |  |                              |                               |                       |
| UL or lot no.<br><b>P</b>                                    | Section<br><b>28</b>          | Township<br><b>23S</b>                                       | Range<br><b>28E</b>     | Lot Idn                | Feet from the<br><b>215</b> | North/South line<br><b>SOUTH</b>       | Feet From the<br><b>1200</b> | East/West line<br><b>EAST</b> | County<br><b>EDDY</b> |
| <sup>11</sup> Bottom Hole Location If Different From Surface |                               |  |                         |                        |                             |  |                              |                               |                       |
| UL or lot no.<br><b>B</b>                                    | Section<br><b>21</b>          | Township<br><b>23S</b>                                       | Range<br><b>28E</b>     | Lot Idn                | Feet from the<br><b>330</b> | North/South line<br><b>NORTH</b>       | Feet from the<br><b>1350</b> | East/West line<br><b>EAST</b> | County<br><b>EDDY</b> |
| <sup>12</sup> Dedicated Acres                                | <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.



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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
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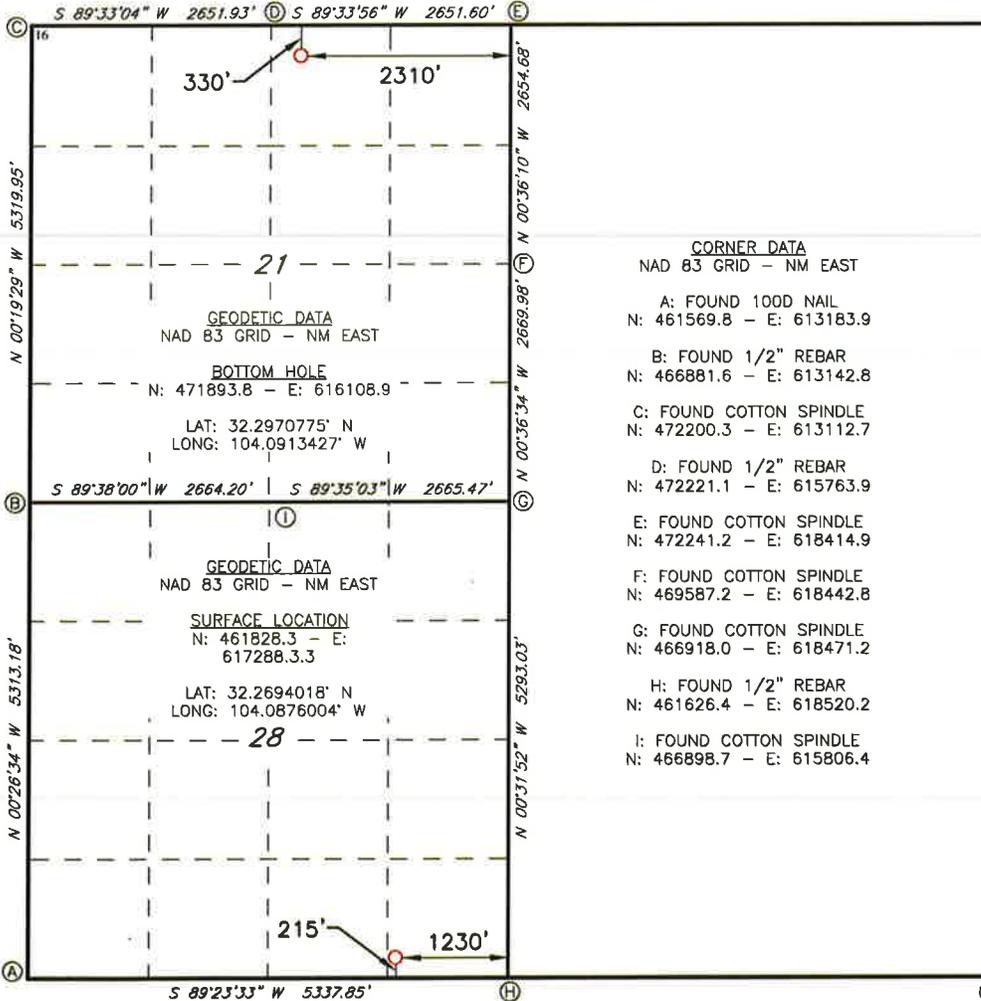
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Revised August 1, 2011  
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AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|  |                               |  |                         |                        |                             |  |                              |                               |                       |
|--|-------------------------------|--|-------------------------|------------------------|-----------------------------|--|------------------------------|-------------------------------|-----------------------|
| <sup>1</sup> API Number                                      |                               | <sup>2</sup> Pool Code                                       |                         | <sup>3</sup> Pool Name |                             |  |                              |                               |                       |
| <sup>4</sup> Property Code                                   |                               | <sup>5</sup> Property Name<br><b>STARSHIP 28/21 WOOB FEE</b> |                         |                        |                             | <sup>6</sup> Well Number<br><b>2H</b>  |                              |                               |                       |
| <sup>7</sup> OGRID NO.                                       |                               | <sup>8</sup> Operator Name<br><b>MEWBOURNE OIL COMPANY</b>   |                         |                        |                             | <sup>9</sup> Elevation<br><b>3063'</b> |                              |                               |                       |
| <sup>10</sup> Surface Location                               |                               |  |                         |                        |                             |  |                              |                               |                       |
| UL or lot no.<br><b>P</b>                                    | Section<br><b>28</b>          | Township<br><b>23S</b>                                       | Range<br><b>28E</b>     | Lot Idn                | Feet from the<br><b>215</b> | North/South line<br><b>SOUTH</b>       | Feet From the<br><b>1230</b> | East/West line<br><b>EAST</b> | County<br><b>EDDY</b> |
| <sup>11</sup> Bottom Hole Location If Different From Surface |                               |  |                         |                        |                             |  |                              |                               |                       |
| UL or lot no.<br><b>B</b>                                    | Section<br><b>21</b>          | Township<br><b>23S</b>                                       | Range<br><b>28E</b>     | Lot Idn                | Feet from the<br><b>330</b> | North/South line<br><b>NORTH</b>       | Feet from the<br><b>2310</b> | East/West line<br><b>EAST</b> | County<br><b>EDDY</b> |
| <sup>12</sup> Dedicated Acres                                | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code                             | <sup>15</sup> Order No. |                        |                             |  |                              |                               |                       |

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



**<sup>17</sup> OPERATOR CERTIFICATION**  
*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

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

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

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

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

**9-20-2019**  
Date of Survey

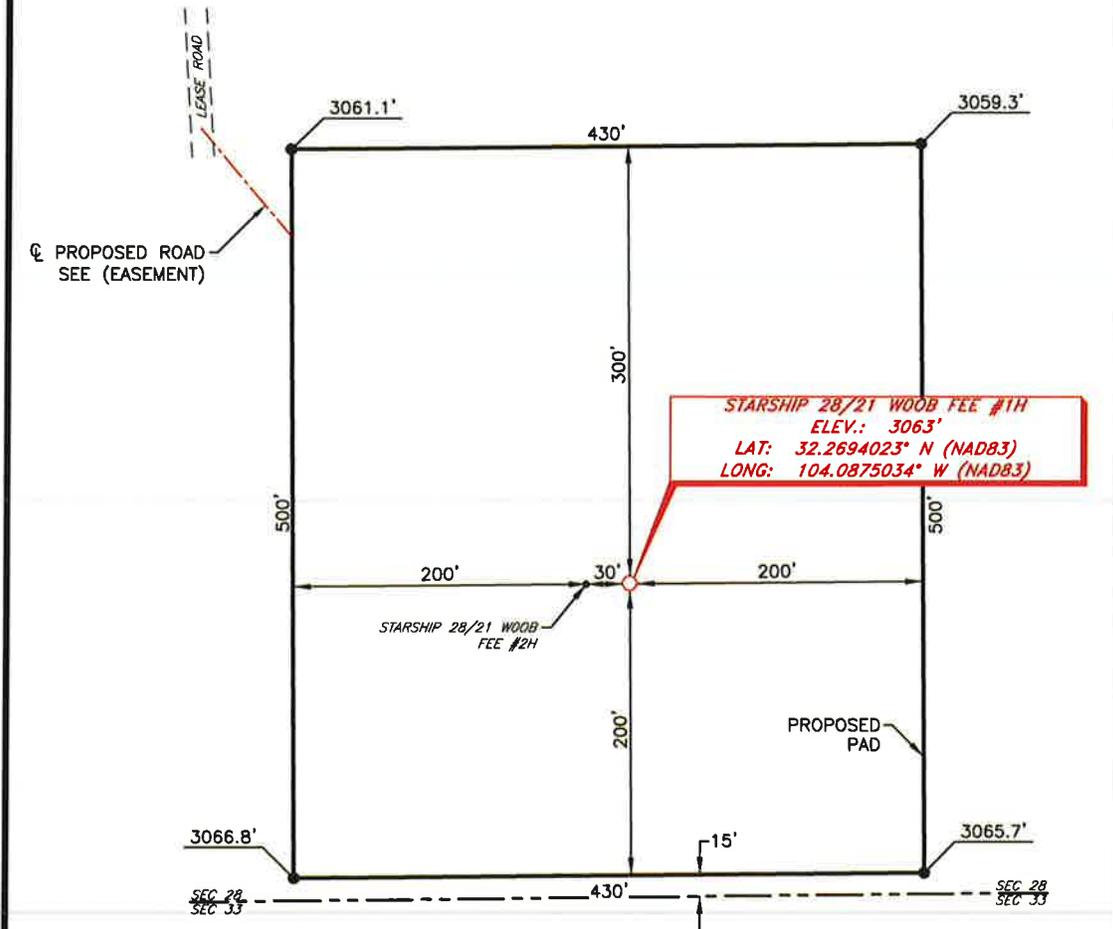
Signature and Seal of Professional Surveyor \_\_\_\_\_

**19680**  
Certificate Number

**ROBERT M. HOWETT**  
NEW MEXICO  
19680  
PROFESSIONAL SURVEYOR

Job No: LS19090919

**MEWBOURNE OIL COMPANY  
STARSHIP 28/21 WOOB FEE #1H  
(215' FSL & 1200' FEL)  
SECTION 28, T23S, R28E  
N. M. P. M., EDDY COUNTY, NEW MEXICO**



**DIRECTIONS TO LOCATION**

From the intersection of CR-732 (Nymeyer Road.) and CR-731 (Onsurez Road.);  
 Go Northwest on CR-731 approx. 0.3 miles to a lease road on the left;  
 Turn left and go West approx. 0.1 miles road curves left;  
 Take curve left and go South approx. 0.4 miles to a proposed road on the left;  
 Turn left and go Southeast approx. 400 feet to location on the left.



THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS AND PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY. BOUNDARY DATA IS SHOWN FROM A PREVIOUS SURVEY REFERENCED HEREON.

SCALE: 1" = 100'  
 0 50 100  
 BEARINGS ARE  
 NAD 83 GRID - NM EAST  
 DISTANCES ARE  
 GROUND.

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| NO.                  | REVISION | DATE |
|----------------------|----------|------|
| JOB NO.: LS19090918  |          |      |
| DWG. NO.: 19090918-4 |          |      |



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

|                    |
|--------------------|
| SCALE: 1" = 100'   |
| DATE: 9-20-19      |
| SURVEYED BY: ML/MF |
| DRAWN BY: GA       |
| APPROVED BY: RMH   |
| SHEET: 1 OF 1      |

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1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                            |  |  |  |                        |  |
|----------------------------|--|--|--|------------------------|--|
| <sup>1</sup> API Number    |  | <sup>2</sup> Pool Code                                     |  | <sup>3</sup> Pool Name |  |
| <sup>4</sup> Property Code |  | <sup>5</sup> Property Name<br><b>THOR 28 WOMD FEE</b>      |  |                        | <sup>6</sup> Well Number<br><b>1H</b>  |
| <sup>7</sup> GRID NO.      |  | <sup>8</sup> Operator Name<br><b>MEWBOURNE OIL COMPANY</b> |  |                        | <sup>9</sup> Elevation<br><b>3083'</b> |

<sup>10</sup> Surface Location

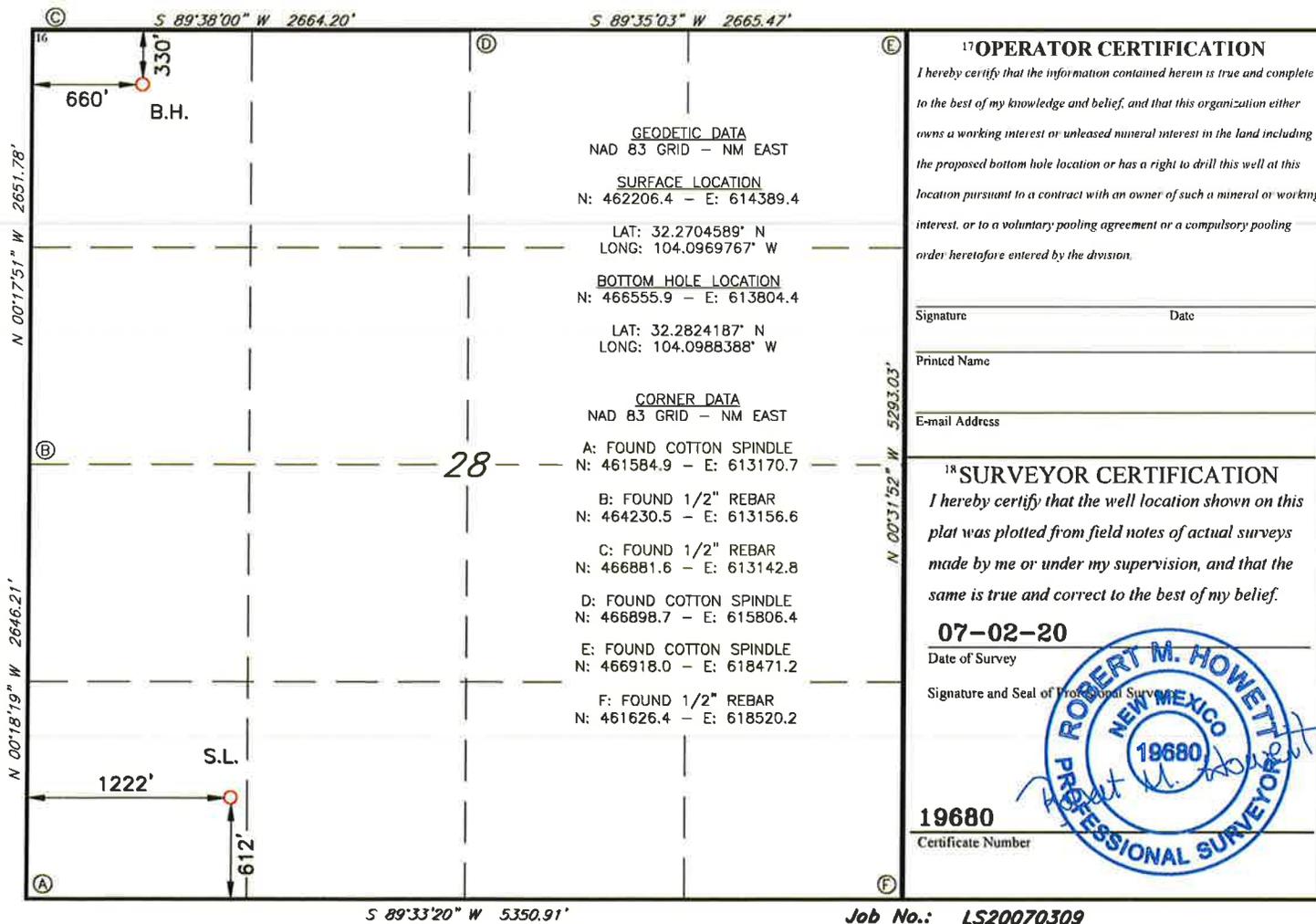
| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet From the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>M</b>      | <b>28</b> | <b>23S</b> | <b>28E</b> |         | <b>612</b>    | <b>SOUTH</b>     | <b>1222</b>   | <b>WEST</b>    | <b>EDDY</b> |

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

| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>D</b>      | <b>28</b> | <b>23S</b> | <b>28E</b> |         | <b>330</b>    | <b>NORTH</b>     | <b>660</b>    | <b>WEST</b>    | <b>EDDY</b> |

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

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



**<sup>17</sup> OPERATOR CERTIFICATION**  
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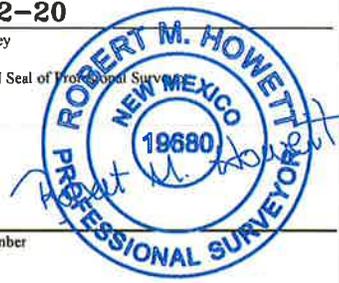
Signature \_\_\_\_\_ Date \_\_\_\_\_  
Printed Name \_\_\_\_\_  
E-mail Address \_\_\_\_\_

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

**07-02-20**  
Date of Survey

Signature and Seal of Professional Surveyor \_\_\_\_\_

**19680**  
Certificate Number



S 89°33'20" W 5350.91'

Job No.: LS20070309

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Form C-102  
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WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |  |  |  |                        |  |
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| <sup>1</sup> API Number    |  | <sup>2</sup> Pool Code                                     |  | <sup>3</sup> Pool Name |  |
| <sup>4</sup> Property Code |  | <sup>5</sup> Property Name<br><b>THOR 28 WONC FEE</b>      |  |                        | <sup>6</sup> Well Number<br><b>1H</b>  |
| <sup>7</sup> OGRID NO.     |  | <sup>8</sup> Operator Name<br><b>MEWBOURNE OIL COMPANY</b> |  |                        | <sup>9</sup> Elevation<br><b>3083'</b> |

<sup>10</sup> Surface Location

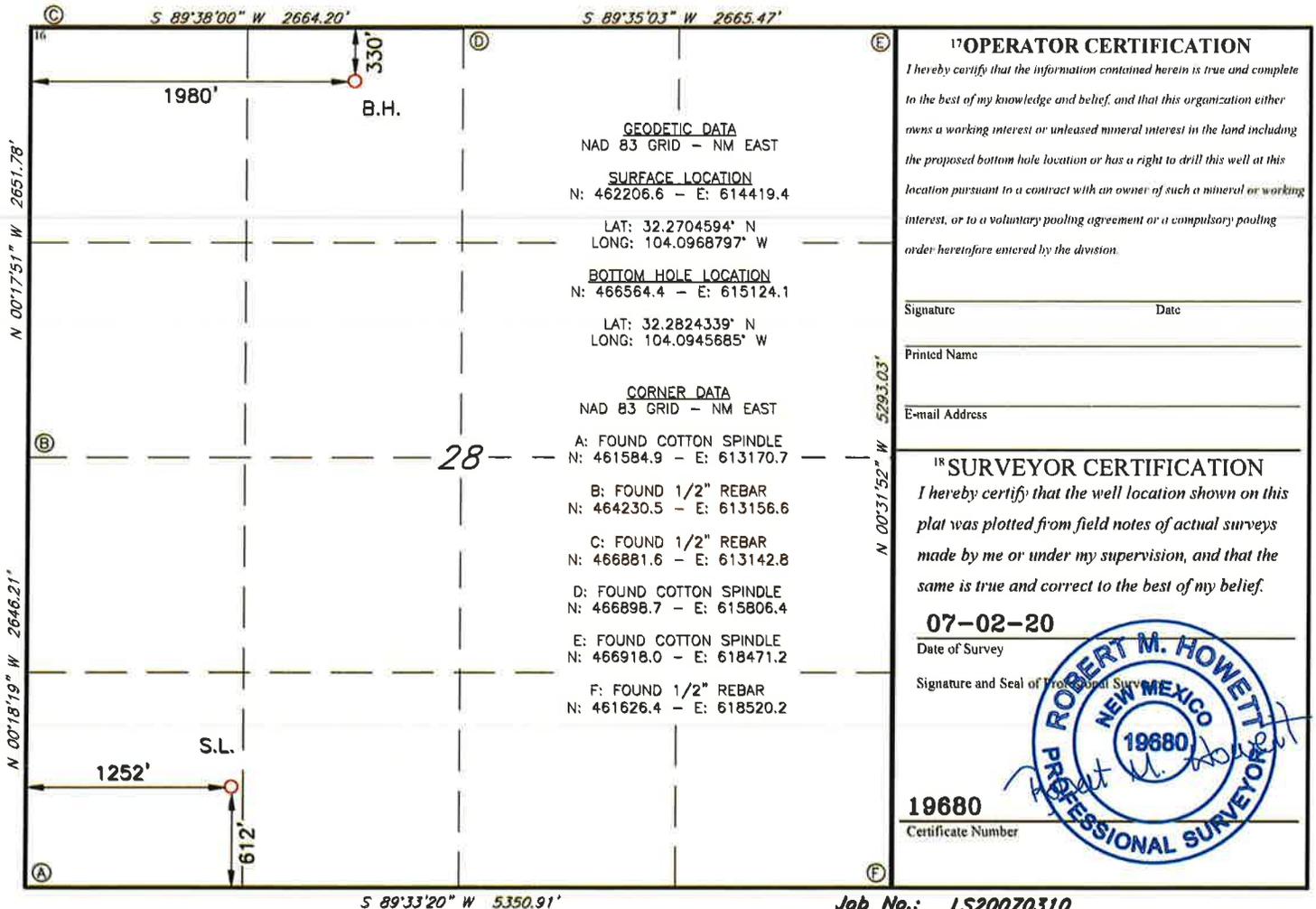
| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet From the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>M</b>      | <b>28</b> | <b>23S</b> | <b>28E</b> |         | <b>612</b>    | <b>SOUTH</b>     | <b>1252</b>   | <b>WEST</b>    | <b>EDDY</b> |

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

| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>C</b>      | <b>28</b> | <b>23S</b> | <b>28E</b> |         | <b>330</b>    | <b>NORTH</b>     | <b>1980</b>   | <b>WEST</b>    | <b>EDDY</b> |

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

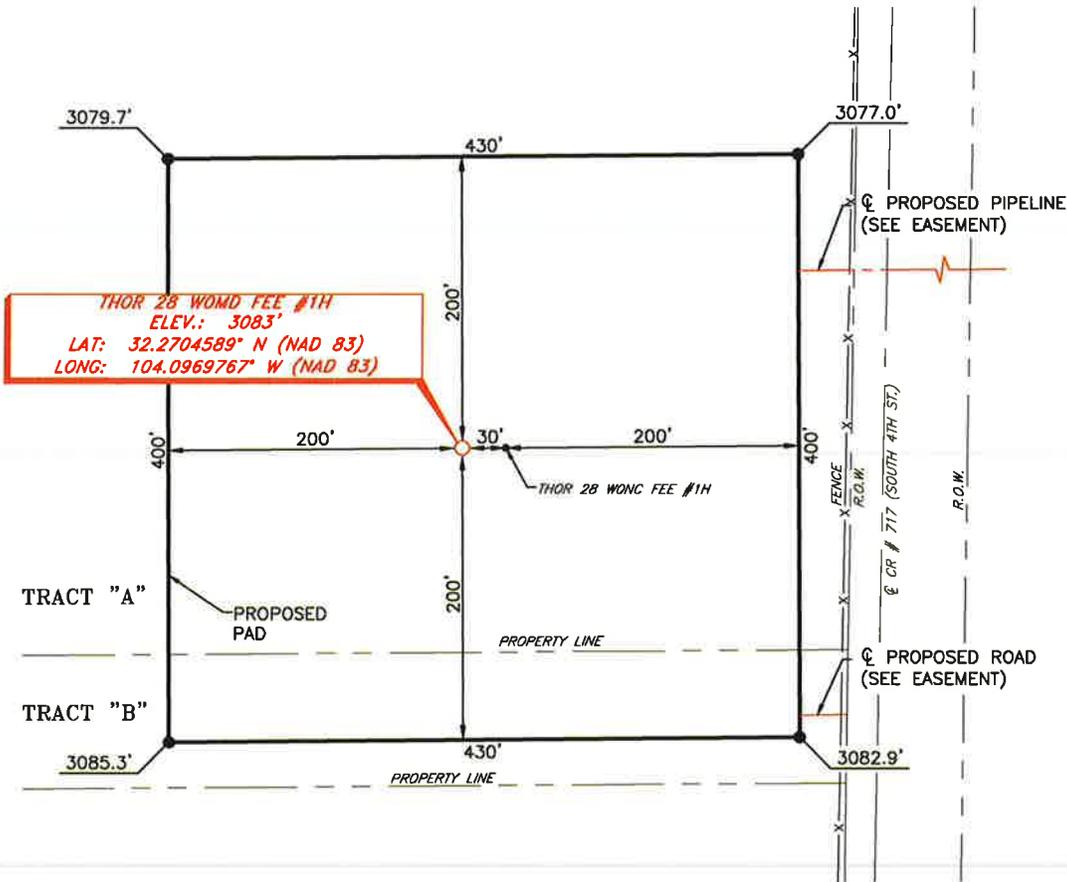
No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.



S 89°33'20" W 5350.91'

Job No.: LS20070310

**MEWBOURNE OIL COMPANY  
THOR 28 WOND FEE #1H  
(612' FSL & 1222' FWL)  
SECTION 28, T23S, R28E  
N. M. P. M., EDDY COUNTY, NEW MEXICO**



**DIRECTIONS TO LOCATION**

*From the intersection of U.S. Hwy 285 (Pecos Hwy) and CR-#717 (South 4th St.);  
 Go North on CR-#717 approx. 0.2 miles to a proposed road on the left;  
 Turn left and go West approx. 270 feet to location on the right.*



SCALE: 1" = 100'  
 0 50 100  
 BEARINGS ARE  
 NAD 83 GRID - NM EAST  
 DISTANCES ARE  
 GROUND.

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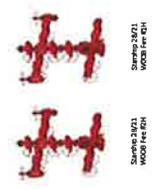
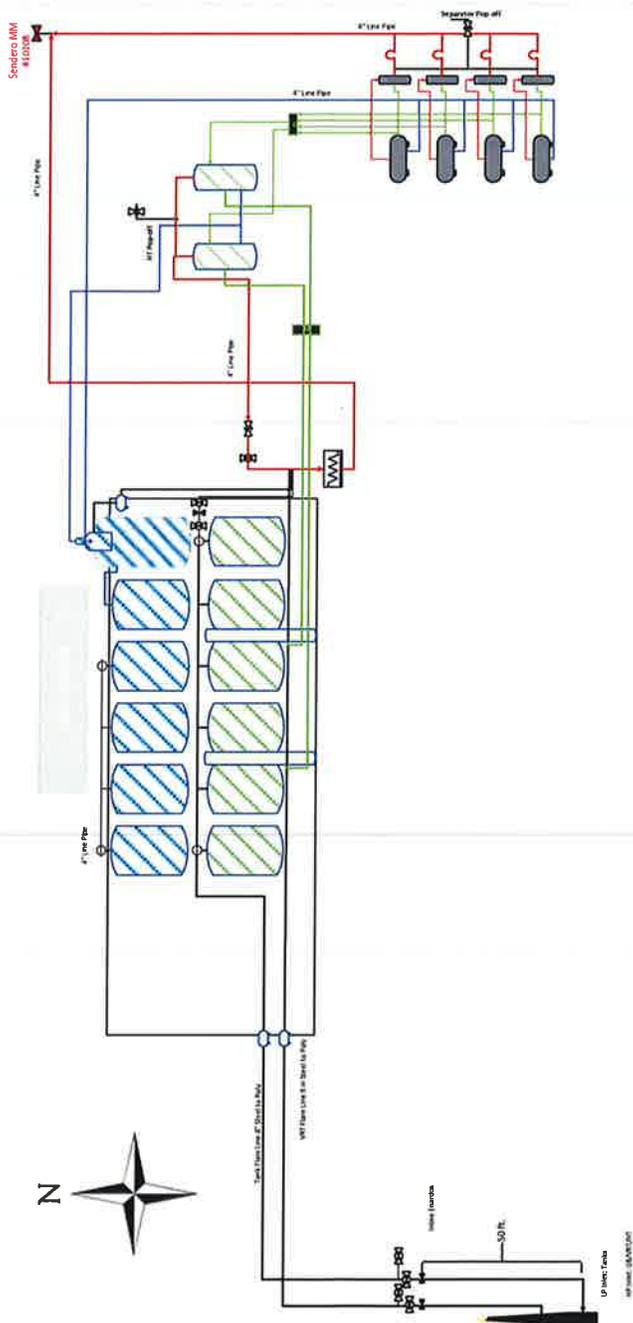
|                      |          |      |
|----------------------|----------|------|
| NO.                  | REVISION | DATE |
| JOB NO.: LS20070309  |          |      |
| DWG. NO.: 20070309-4 |          |      |



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

|                    |
|--------------------|
| SCALE: 1" = 100'   |
| DATE: 07-02-2020   |
| SURVEYED BY: ML/JH |
| DRAWN BY: GA       |
| APPROVED BY: RMH   |
| SHEET: 1 OF 1      |





- Water Valve
- Isolation Valve
- Control Valve
- Check Valve
- Back Pressure Valve
- Ball Valve
- Screen Valve
- PT Header
- Isolation
- Check Valve

| Facility Diagram           |                                      |
|----------------------------|--------------------------------------|
| Operator                   | Mexbourne Oil Company                |
| Facility Name              | Starship 2821 WOOD Fee #1 Battery    |
| Facility Location          | SESE Sec 8, T23S, R28E, Eddy Co., NM |
| Lease Number:              |                                      |
| Comm Agreement:            |                                      |
| Pools Associated:          | {38220} PUPPLE SAGE, VOLFCAMP (GAS)  |
| Wells in Facility          | API #                                |
| Starship 2821 WOOD Fee #1H | 30-015-46353                         |
| Starship 2821 WOOD Fee #2H | 30-015-46352                         |
| Thor 28 WOOD Fee #1H       | 30-015-46272                         |
| Thor 28 WOOD Fee #2H       | 30-015-46246                         |





|         |          |          |           |      |         |
|---------|----------|----------|-----------|------|---------|
| DATE IN | SUSPENSE | ENGINEER | LOGGED IN | TYPE | APP NO. |
|---------|----------|----------|-----------|------|---------|

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM
  - [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR
  - [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or  Does Not Apply
- [A]  Working, Royalty or Overriding Royalty Interest Owners
  - [B]  Offset Operators, Leaseholders or Surface Owner
  - [C]  Application is One Which Requires Published Legal Notice
  - [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
  - [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
  - [F]  Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

|                    |           |                              |           |
|--------------------|-----------|------------------------------|-----------|
| Joe Bryand         |           | Senior Production Engineer   | 9/15/2020 |
| Print or Type Name | Signature | Title                        | Date      |
|                    |           | <u>jbryand@mewbourne.com</u> |           |
|                    |           | e-mail Address               |           |

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: Mewbourne Oil Company  
OPERATOR ADDRESS: 4801 Business Park BLVD PO Box 5270 Hobbs NM 88240

APPLICATION TYPE:  
 Pool Commingling  Lease Commingling  Pool and Lease Commingling  Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE:  Fee  State  Federal

Is this an Amendment to existing Order?  Yes  No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
 Yes  No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

| Pool Names and Codes | Gravities / BTU of Non-Commingled Production | Calculated Gravities / BTU of Commingled Production | Value of Non-Commingled Production | Calculated Value of Commingled Production | Volumes |
|----------------------|--|---|------------------------------------|---|---------|
|                      |  |   |                                    |   |         |
|                      |  |   |                                    |   |         |
|                      |  |   |                                    |   |         |
|                      |  |   |                                    |   |         |
|                      |  |   |                                    |   |         |

- (2) Are any wells producing at top allowables?  Yes  No
- (3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No.
- (4) Measurement type:  Metering  Other (Specify)
- (5) Will commingling decrease the value of production?  Yes  No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Pool Name and Code.
- (2) Is all production from same source of supply?  Yes  No
- (3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No
- (4) Measurement type:  Metering  Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

- (1) Is all production from same source of supply?  Yes  No
- (2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
- (2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
- (3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE:  TITLE: Senior Production Engineer DATE: 09/15/2020

TYPE OR PRINT NAME: Joe Bryant TELEPHONE NO.: 575-393-5905

E-MAIL ADDRESS: Jbryand@mewbourne.com

**Central Tank Battery**

| <b>Well Name</b>                           | <b>Pool #</b>                                   | <b>BOPD<br/>EST</b> | <b>Oil Gravity<br/>@ 60°</b> | <b>Value/bbl</b> | <b>MCFPD</b> | <b>Dry BTU<br/>@ 14.73<br/>PSI</b> | <b>Value/MCF</b> |
|--|---|---------------------|------------------------------|------------------|--------------|------------------------------------|------------------|
| <b>Starship<br/>28/21 W0OB<br/>Fee #1H</b> | [98220]<br>PURPLE<br>SAGE,<br>WOLFCAMP<br>(GAS) | 1500                | 48                           | \$40             | ~3000        | ~1250                              | \$1.28           |
| <b>Starship<br/>28/21 W0OB<br/>Fee #2H</b> | [98220]<br>PURPLE<br>SAGE,<br>WOLFCAMP<br>(GAS) | 1500                | 48                           | \$40             | ~3000        | ~1250                              | \$1.28           |
| <b>Thor 28<br/>W0MD Fee<br/>#1H</b>        | [98220]<br>PURPLE<br>SAGE,<br>WOLFCAMP<br>(GAS) | 1000                | 48                           | \$40             | ~2000        | ~1250                              | \$1.28           |
| <b>Thor 28<br/>W0NC Fee<br/>#1H</b>        | [98220]<br>PURPLE<br>SAGE,<br>WOLFCAMP<br>(GAS) | 1000                | 48                           | \$40             | ~2000        | ~1250                              | \$1.28           |
| <b>CTB<br/>Combined</b>                    |   | 5000                | 48                           | \$40             | ~10000       | 1250                               | \$1.28           |

## MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020  
Midland, Texas 79701  
Phone (575) 393-5905

October 5, 2020

Via Certified Mail

Re: Application for Surface Commingling

Starship 28/21 W0OB Fee #1H  
API# 30-015-46353  
215' FSL & 1200' FEL, Sec 28, T23S, R28E  
Eddy County, NM

Starship 28/21 W0OB Fee #2H  
API# 30-015-46352  
215' FSL & 1230' FEL, Sec 28, T23S, R28E  
Eddy County, NM

Thor 28 W0MD Fee #1H  
API# 30-015-46272  
612' FSL & 1222' FWL, Sec 28, T23S, R28E  
Eddy County, NM

Thor 28 W0NC Fee #1H  
API# 30-015-46246  
612' FSL & 1252' FWL, Sec 28, T23S, R28E  
Eddy County, NM

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") has filed an application with the New Mexico Oil Conservation Division ("Division") seeking authorization to surface commingle production from the Purple Sage Wolfcamp Pool origination from the above captioned wells located on Fee Leases, which comprise portions of Section 21 & 28, T23S, R28E, Eddy County, New Mexico. All oil production from these wells is to be stored in a Central Tank Battery, located in the SE4SE4 of said Section 28. The oil production will be measured, commingled and then sold through a truck haul or LACT. The gas production from these wells will flow to a common Sendero Master Meter #10108 located on-site. Mewbourne will allocate gas production based on the well test method.

If you object to the application, you must notify the Division in writing no later than 20 days from the date of this letter (the Division's address is 1220 South St. Francis

Drive, Santa Fe, New Mexico 87505). Failure to object will preclude you from contesting this matter later.

Should you have any questions regarding the above, please email Joe Bryand at [jbryand@mewbourne.com](mailto:jbryand@mewbourne.com) or call him at (575) 393-5905.

Very truly yours,

**MEWBOURNE OIL COMPANY**

Tyler Jolly  
Landman

| OWNER NAME  | ADDRESS 1                       | CITY       | STATE         | ZIP            | CERTIFIED NUMBER       |
|---|---------------------------------|------------|---------------|----------------|------------------------|
| 1836 ROYALTY PARTNERS LLC                               | 306 W WALL STREET Suite<br>620  | MIDLAND    | Texas         | 79701          | 9414811699945829786853 |
| ADVENTURE ENERGY CORPORATION                            | 10122 N DOVER PL                | OWASSO     | Oklahoma      | 74055-<br>7737 | 9414811699945829786846 |
| ALBERTO H GUTIERREZ JR                                  | 4120 NORTHERN LIGHTS<br>AVE     | EDINBURG   | Texas         | 78541          | 9414811699945829786792 |
| ALLIANCE LAND AND MINERALS LLC                          | P O BOX 809                     | ARTESIA    | New<br>Mexico | 88211-<br>0809 | 9414811699945829786914 |
| ALPHA ENERGY PARTNERS LLC                               | P O BOX 10701                   | MIDLAND    | Texas         | 79702          | 9414811699945829786983 |
| ANGEL & ANNA RODRIGUEZ                                  | P O BOX 327                     | LOVING     | New<br>Mexico | 88256          | 9414811699945829786600 |
| ARTURO & ROSALINDA MUNOZ                                | PO BOX 471                      | LOVING     | NEW<br>MEXICO | 88256-<br>0471 | 9414811699945829786631 |
| BARBARA LEE BACKMAN INC                                 | 510 W RIVERSIDE STE 400         | SPOKANE    | Washington    | 99201          | 9414811699945829786198 |
| BEAL BANK   | 6000 LEGACY DR                  | PLANO      | TEXAS         | 75204          | 9414811699945829786136 |
| BECKMILL INVESTMENTS INC                                | PO BOX 1158                     | LEXINGTON  | Virginia      | 24450-<br>1158 | 9414811699945829786372 |
| BEN V CHAVEZ & ROSA A CHAVEZ                            | P O BOX 122                     | LOVING     | New<br>Mexico | 88256          | 9414811699945829700804 |
| BENEFICIAL NEW MEXICO INC DBA<br>BENEFICIAL MORTGAGE CO | 2240 E LOHMAN AVE               | LAS CRUCES | NEW<br>MEXICO | 88001          | 9414811699945829700835 |
| BGW MINERALS LTD  | 4205 STADIUM DRIVE<br>Suite 300 | FT WORTH   | Texas         | 76133          | 9414811699945829700705 |
| BIG SKY ESTATES INC                                     | 4511 NATIONAL PARKS<br>HWY      | CARLSBAD   | NEW<br>MEXICO | 88220          | 9414811699945829700736 |
| BIG THREE ENERGY GROUP LLC                              | P O BOX 429                     | ROSWELL    | New<br>Mexico | 88202-<br>0429 | 9414811699945829700903 |
| BILL M BURKS LIVING TRUST LLC                           | 615 E. LOWRY ROAD               | CLAREMORE  | Oklahoma      | 74017-<br>1069 | 9414811699945829700934 |

|  |                        |              |                      |            |                        |
|--|------------------------|--------------|----------------------|------------|------------------------|
| BK EXPLORATION CORPORATION               | P O BOX 52098          | TULSA        | Oklahoma             | 74152-0098 | 9414811699945829700651 |
| BK ROYALTIES LLC                         | P O BOX 52098          | TULSA        | Oklahoma             | 74152-0098 | 9414811699945829700644 |
| BORAD INVESTMENTS LLC                    | 820 LAKE PARK DR       | OAK POINT    | Texas                | 75068      | 9414811699945829700125 |
| BROOKS MINERAL TRUST                     | 12344 WISCONSIN ST     | DETROIT      | Michigan             | 48204      | 9414811699945829700309 |
| BTA OIL PRODUCERS LLC                    | 104 SOUTH PECOS STREET | MIDLAND      | Texas                | 79701-5021 | 9414811699945829700378 |
| CAKI FAMILY LIMITED PTNS                 | 5851 ROYAL CREST DRIVE | DALLAS       | Texas                | 75230      | 9414811699945829700095 |
| CAREN G MACHELL                          | P O BOX 1288           | MT. PLEASANT | South Carolina       | 29465-1288 | 9414811699945829700422 |
| CAREN GALL MACHELL EXEMPT TRT            | P O BOX 1288           | MT. PLEASANT | South Carolina       | 29465-1288 | 9414811699945829700439 |
| CARMEN & RICARDO ECHEVARRIA              | PO BOX 254             | LOVING       | NEW MEXICO           | 88256-0254 | 9414811699945829708664 |
| CAROL GIBSON TRUST                       | P O BOX 701            | ABILENE      | Texas                | 79604      | 9414811699945829708671 |
| CHALCAM EXPLORATION LLC                  | 403 TIERRA BERRENDA    | ROSWELL      | New Mexico           | 88201      | 9414811699945829708350 |
| CHALCAM EXPLORATION LLC                  | 403 TIERRA BERRENDA    | ROSWELL      | NEW MEXICO           | 88201      | 9414811699945829707179 |
| CHARLES & GEORGIA DUNCAN                 | 104 E CEDAR ST         | LOVING       | New Mexico           | 88256      | 9414811699945829707391 |
| CHARLES PARDUE BUNCH SPRING              | 3808 4TH ST NW         | WASHINGTON   | District of Columbia | 20011      | 9414811699945829707513 |
| CHARLOTTE RENEE SCOTT LONGLEY            | 958 CABALLO DRIVE      | ABILENE      | Texas                | 79602      | 9414811699945829707568 |
| CHRISTINA M LANGHAM                      | 6013 BOGARD            | THE COLONY   | Texas                | 75056      | 9414811699945829707582 |
| CIPRIANO L MARTINEZ & FRANCISCA MARTINEZ | PO BOX 296             | LOVING       | NEW MEXICO           | 88256      | 9414811699945829706066 |
| CLAUDE L SAPIEN JR                       | 4141 STRYKER RD        | LAS CRUCES   | NEW MEXICO           | 88005      | 9414811699945829706042 |

|                               |                            |                  |                |            |                        |
|-------------------------------|----------------------------|------------------|----------------|------------|------------------------|
| CONCHO RESOURCES INC          | 600 W ILLINOIS AVE         | MIDLAND          | Texas          | 79701      | 9414811699945829706073 |
| CROWNROCK MINERALS LP         | PO BOX 51933               | MIDLAND          | Texas          | 79710      | 9414811699945829139420 |
| CRUZ & SANDRA ORNELAS         | P O BOX 122                | LOVING           | New Mexico     | 88256      | 9414811699945829139550 |
| CYNTHIA RHODES TRUST          | P O BOX 701                | ABILENE          | Texas          | 79604      | 9414811699945829133282 |
| D & M OIL INVESTMENTS LLC     | 550 FOREST BLUFFS RD       | AIKEN            | South Carolina | 29803      | 9414811699945829134838 |
| DANIEL H CARRASCO             | PO BOX 215                 | HURLET           | New Mexico     | 88043-0215 | 9414811699945829134999 |
| DAVID & JULIE B ORNELAS       | 10908 DESERT DREAMER SR NW | ALBUQUERQUE      | NEW MEXICO     | 87114-1981 | 9414811699945829134319 |
| DAVID A CARRICK &             | 1929 OAK AVENUE            | BOULDER          | Colorado       | 80304      | 9414811699945829135903 |
| DAVID M LOPEZ                 | 432 HAMILTON ST            | CARLSBAD         | New Mexico     | 88220      | 9414811699945829135972 |
| DAVID RANDALL JONES           | 22121 WOOD ISLAND LANE     | HUNTINGTON BEACH | California     | 92646      | 9414811699945829135699 |
| DAVIS FAMILY TRUST            | 3957 E 110TH STREET        | TULSA            | Oklahoma       | 74137      | 9414811699945829135354 |
| DEBORAH D HOLTON              | P O BOX 282                | CENTRAL CITY     | Iowa           | 52214      | 9414811699945829132254 |
| DEBRA C LONDON-HAYES          | #9 JEFFREY CIRCLE          | WAKE VILLAGE     | Texas          | 75505      | 9414811699945829132209 |
| EAR NOSE & THROAT ASSOCIATES  | 3344 OCEAN DRIVE           | CORPUS CHRISTI   | Texas          | 78411      | 9414811699945829132810 |
| EARL B GUITAR JR BYPASS TRUST | P O BOX 56429              | HOUSTON          | Texas          | 77256-6429 | 9414811699945829132193 |
| ERNEST LONDON                 | 2695 VALLEY VIEW BLVD 2119 | SAN ANGELO       | Texas          | 76904      | 9414811699945829132322 |
| EUGENE DURAN RODRIGUEZ        | PO BOX 127                 | LOVING           | NEW MEXICO     | 88256      | 9414811699945829132384 |
| EVA Y QUINONES                | 805 HUECO ST #16           | CARLSBAD         | NEW MEXICO     | 88220      | 9414811699945829132445 |

|   |                     |             |                |            |                        |
|---|---------------------|-------------|----------------|------------|------------------------|
| FELIPE AND MARIA LARA                             | P O BOX 12          | LOVING      | New Mexico     | 88256      | 9414811699945829132513 |
| FILBERTO DELGADO RIOS & GRACIELA URBINA JARAMILLO | PO BOX 1052         | LOVING      | NEW MEXICO     | 88256      | 9414811699945829130861 |
| FLORINDO L DURAN                                  | 2050 W ROMA AVE     | PHOENIX     | ARIZONA        | 85015-4130 | 9414811699945829130885 |
| FRANK A RODRIGUEZ                                 | P O BOX 596         | LOVING      | New Mexico     | 88256      | 9414811699945829130908 |
| GENE A ADAMS                                      | 4315 ALEDO OAKS CT  | FORT WORTH  | Texas          | 76125-5155 | 9414811699945829130038 |
| GEORGE ARTHUR LAKEY                               | 11426 HANOVER COURT | CERRITOS    | California     | 90703      | 9414811699945829130564 |
| GEORGE H & NANCY BRANTLEY                         | 1304 W RIVERSIDE DR | CARLSBAD    | NEW MEXICO     | 88220      | 9414811699945829130533 |
| GEORGE MICHAEL SHOOK                              | 10325 COLINA DR.    | FORT WORTH  | Texas          | 76126      | 9414811699945829138201 |
| GLORIA M MINJARES                                 | PO BOX 68           | LOVING      | NEW MEXICO     | 88256      | 9414811699945829138850 |
| GLORIA ORNELAS                                    | 216 S FIRST ST      | LOVING      | New Mexico     | 88256      | 9414811699945829138874 |
| GREGORY J PETRUSKA                                | 910 OWL PLACE       | LOVELAND    | Colorado       | 80537      | 9414811699945829138720 |
| GUITAR GALUSHA LP                                 | P O BOX 1438        | ABILENE     | Texas          | 79604      | 9414811699945829138782 |
| GUITAR LAND & CATTLE CO LP                        | P O BOX 2213        | ABILENE     | Texas          | 79604      | 9414811699945829138904 |
| GUY P WITHERSPOON III                             | P O BOX 100403      | FORT WORTH  | Texas          | 76185      | 9414811699945829138614 |
| HADEN R HOLCOMB                                   | 2201 LOUIS TRAIL    | WEATHERFORD | Texas          | 76087      | 9414811699945829138690 |
| HAYDEN KIMBLEY                                    | P O BOX 126         | LOVING      | New Mexico     | 88256      | 9414811699945829138164 |
| HEIRS OF ESEQUIRO MEZA                            | 3336 N ORCHARD ST   | FRESNO      | CALIFORNI<br>A | 93726-6743 | 9414811699945829138133 |
| HEIRS OF ESPERANZA LUCERO (DECEASED)              | PO BOX 1724         | CSOCORRO    | NEW MEXICO     | 87801-1724 | 9414811699945829138386 |

|                                     |                            |                |            |            |                        |
|-------------------------------------|----------------------------|----------------|------------|------------|------------------------|
| HEIRS OF RITA GREEN                 | PO BOX 1014                | LOVING         | NEW MEXICO | 88256      | 9414811699945829137884 |
| HERMAN M HERNANDEZ                  | 704 ORTEGA ST              | CARLSBAD       | NEW MEXICO | 88220      | 9414811699945829137877 |
| HIERS OF EMILIO F LUCERO (DECEASED) | 1603 S COCHRAN ST          | HOBBS          | NEW MEXICO | 88240-7605 | 9414811699945829144882 |
| JACK GUITAR WOODS JR                | P O BOX 341342             | AUSTIN         | Texas      | 78734      | 9414811699945829144721 |
| JACKIE D MCDONALD                   | PO BOX 477                 | LOVING         | NEW MEXICO | 88256      | 9414811699945829145292 |
| JAMES CLAYTON WYMAN                 | 10500 ACADEMY RD NE #214   | ALBUQUERQUE    | New Mexico | 87111      | 9414811699945829145179 |
| JAMES P RIGGS LIVING TRUST          | P O BOX 33                 | FREDERICKSBURG | Texas      | 78624-0033 | 9414811699945829145018 |
| JESUS H ADAME & JUANA G ADAME       | 605 TARPON AVE SE          | RIO RANCHO     | NEW MEXICO | 87124      | 9414811699945829145414 |
| JETSTREAM ROYALTY PARTNERS LP       | 101 NURSERY LANE Suite 312 | FT WORTH       | Texas      | 76114      | 9414811699945829145568 |
| JMA OIL PROPERTIES LTD              | P O BOX 58                 | ABILENE        | Texas      | 79604      | 9414811699945829145544 |
| JOHN GUITAR                         | P O BOX 1121               | CLYDE          | Texas      | 79510-1121 | 9414811699945829142284 |
| JOHN GUITAR WITHERSPOON JR          | 7404 LEMONWOOD LANE        | FORT WORTH     | Texas      | 76133      | 9414811699945829142925 |
| JOHN W MORRIS & NELDA F MORRIS      | P O BOX 2136               | CARLSBAD       | New Mexico | 88221      | 9414811699945829142987 |
| JOSE MANUEL HERNANDEZ               | PO BOX 548                 | LOVING         | NEW MEXICO | 88256-0054 | 9414811699945829142666 |
| JPH HOLDINGS LP                     | 4400 ARCADY                | DALLAS         | Texas      | 75205      | 9414811699945829140419 |
| JUAN MARIA RIOS                     | 2603 STRATFORD DR          | AUSTIN         | Texas      | 78746      | 9414811699945829140402 |
| JUANITA G NAVARRETE                 | 4411 E DERRICK RD          | CARLSBAD       | NEW MEXICO | 88220      | 9414811699945829140556 |
| JUDE ANDREW OSLUND                  | 1323 W 112TH               | CLEVELAND      | Ohio       | 44102      | 9414811699945829140594 |

|                                    |                            |               |            |            |                        |
|------------------------------------|----------------------------|---------------|------------|------------|------------------------|
| JUDY GUITAR UHEY, LLC              | P O BOX 632                | ELIZABETHTOWN | Kentucky   | 42702      | 9414811699945829148217 |
| JUSTIN DODSON AND JUANITA YOUNG    | 900 LAMONT ST APT 11       | CARLSBAD      | NEW MEXICO | 88220      | 9414811699945829148224 |
| KAISER FRANCIS OIL COMPANY         | P O BOX 21468              | TULSA         | Oklahoma   | 74121-1468 | 9414811699945829148293 |
| KIMBERLY ROSE JORDAN               | 16880 COUNTY ROAD 3530     | PONTOTOC      | Oklahoma   | 74820      | 9414811699945829148828 |
| KIRBY RANDALL SCOTT                | 745 BAXTER TRAIL           | FATE          | Texas      | 75087      | 9414811699945829148835 |
| L C BURKHAM LIFE ESTATE TRUSTEES   | 1040 N MAIN ST             | CARLSBAD      | NEW MEXICO | 88220-5182 | 9414811699945829148750 |
| LAURA JEAN HOFER ADM TRUST         | 11248 S TURNER AVE         | ONTARIO       | California | 91761      | 9414811699945829148781 |
| LAURA YARBRO BUNN                  | 2485 W CANTA LIBRE ROAD    | CHINO VALLEY  | Arizona    | 86323      | 9414811699945829148996 |
| LEE CHARLES FREEMAN (INCARCERATED) | PO BOX 553                 | LOVING        | NEW MEXICO | 88256      | 9414811699945829148934 |
| LESLEY YARBRO NAJERA               | 808 WEST TILDEN            | ROSWELL       | New Mexico | 88203      | 9414811699945829148651 |
| LEWIS CHARLES BURKHAM SR           | PO BOX 504                 | KYLE          | TEXAS      | 78640      | 9414811699945829148699 |
| LEWIS CHARLES BURKHAM, JR          | 1416 W ORCHARD LN          | CARLSBAD      | NEW MEXICO | 88220      | 9414811699945829148637 |
| LORINA L BALDERRAMA                | PO BOX 147                 | LOVING        | NEW MEXICO | 88256-0147 | 9414811699945829148118 |
| M JOYCE GRIFFIN                    | 129 MEADOWS DR             | RUIDOSO       | NEW MEXICO | 88345      | 9414811699945829148125 |
| MANDM RESOURCES LLC                | 10909 S PITTSBURG AVE      | TULSA         | Oklahoma   | 74137      | 9414811699945829148187 |
| MARGARET NYMYER BAKER              | ADDRESS UNKNOWN            |               |            |            |                        |
| MARGIE GALAVAN                     | 2321 LIVINGSTON            | CARLSBAD      | NEW MEXICO | 88220      | 9414811699945829148316 |
| MARIA CELIA GUTIERREZ              | 13124 SUNRISE TRAIL PL. NE | ALBUQUERQUE   | New Mexico | 87111      | 9414811699945829147272 |

|                                |                                 |               |            |                |                        |
|--------------------------------|---------------------------------|---------------|------------|----------------|------------------------|
| MARTHA V RODRIGUEZ             | ADDRESS UNKNOWN                 | UNKNOWN       | Unknown    | 0              |                        |
| MARTIN ARMENDAREZ              | 12412 PRINCESS JEANNNE AVE NE   | ALBUQUERQUE   | NEW MEXICO | 87112          | 9414811699945829147821 |
| MARY LONDON WHITLOCK           | 1008 N ALAMEDA                  | CARLSBAD      | New Mexico | 88220          | 9414811699945829147876 |
| MAURO & RITA GRANADO           | LIFE ESTATE                     | UNKNOWN       | Unknown    | 0              |                        |
| MELISSA GRAY MCGEE             | 6 WOODHAVEN CIRCLE              | ABILENE       | Texas      | 79605          | 9414811699945829147739 |
| MELVIN L & OLIDIA Q BALDERRAMA | 2606 GARDEN ST                  | CARLSBAD      | New Mexico | 88220          | 9414811699945829147913 |
| MERLAND INC                    | PO BOX 548                      | CARLSBAD      | New Mexico | 88221          | 9414811699945829147906 |
| MIGUEL GARCIA ARMENDAREZ       | 1028 N HOWARD ST                | CARLSBAD      | NEW MEXICO | 88220          | 9414811699945829147944 |
| MIKE K BULLOCK                 | 625 HIGH POINT DRIVE<br>Unit B  | DEL RAY BEACH | Florida    | 33445          | 9414811699945829147654 |
| MINDY KOVACS                   | 1010 S COUNTRY CLUB<br>CIR      | CARLSBAD      | New Mexico | 88220          | 9414811699945829147357 |
| MJB PETROLEUM LLC              | 8015 W PARKWAY BLVD<br>Apt #304 | TULSA         | Oklahoma   | 74127          | 9414811699945829147395 |
| MRC PERMIAN COMPANY            | 5400 LBJ FREEWAY STE<br>1500    | DALLAS        | Texas      | 75240          | 9414811699945829147388 |
| MRC PERMIAN LKE COMPANY LLC    | 5400 LBJ FREEWAY STE<br>1500    | DALLAS        | Texas      | 75240          | 9414811699945829147012 |
| MURCHISON-GUITAR FAMILY LP     | P O BOX 712                     | RED BLUFF     | California | 96080          | 9414811699945829147470 |
| NATHAN ARNOLD SCOTT            | 5363 MEADOW DRIVE               | ABILENE       | Texas      | 79606          | 9414811699945829147562 |
| NOBLE E YARBRO                 | 19635 PITCHSTONE DRIVE          | TOMBALL       | Texas      | 77377          | 9414811699945829146251 |
| NORDSTRAND ENGINEERING INC     | 3229 D'AMICO ST - SUITE<br>200  | HOUSTON       | Texas      | 77019-<br>1908 | 9414811699945829146206 |
| OLDE CYPRESS RESOURCES LLC     | 2465 E 22 PLACE                 | TULSA         | Oklahoma   | 74114          | 9414811699945829146824 |

|                              |                                 |                |            |            |                        |
|------------------------------|---------------------------------|----------------|------------|------------|------------------------|
| OLGA C RODRIGUEZ             | P O BOX 1050                    | LOVING         | New Mexico | 88256      | 9414811699945829146848 |
| OLLI ENERGY LLC              | PO BOX 2084                     | MIDLAND        | Texas      | 79702      | 9414811699945829146961 |
| OWEN J CAMPBELL              | PO BOX 1282                     | LOVING         | New Mexico | 88256-1282 | 9414811699945829146947 |
| OXY USA INC                  | P O BOX 27570                   | HOUSTON        | Texas      | 77227      | 9414811699945829146626 |
| PARDUUE LIMITED COMPANY      | P O BOX 2018                    | CARLSBAD       | New Mexico | 88221      | 9414811699945829146602 |
| PATSY R BURCH                | 120 HAMILTON ST                 | CARLSBAD       | NEW MEXICO | 88220      | 9414811699945829146114 |
| PAUL BUSTILLOS               | 111 FARRIS ST Trlr 56           | CARLSBAD       | NEW MEXICO | 88220      | 9414811699945829146190 |
| PAUL DICAMILLO               | PO BOX 96                       | LOVING         | NEW MEXICO | 88256      | 9414811699945829146312 |
| PENASCO PETROLEUM LLC        | P O BOX 2292                    | ROSWELL        | New Mexico | 88202-2292 | 9414811699945829146398 |
| PETE V MARTINEZ              | & BARBARA J MENDOZA-JT'S        | UNKNOWN        | Unknown    | 0          |                        |
| PLATTE STREET MINERALS I, LP | 30 LIBERTY SHIP WAY, SUITE 3110 | SAUSALITO      | California | 94965      | 9414811699945829146015 |
| POLK LAND & MINERALS LP      | 1101 BUTTERNUT                  | ABILENE        | Texas      | 79602      | 9414811699945829146008 |
| PRESSLEY HUDSON GUITAR       | P O BOX 5383                    | ABILENE        | Texas      | 79608      | 9414811699945829141829 |
| PRISCILLA M LOPEZ            | 3514 JOSHUA ST                  | CARLSBAD       | New Mexico | 88220      | 9414811699945829141881 |
| QUARLES INCOME TRUST         | 439 CR 2531                     | HOMINY         | Oklahoma   | 74035      | 9414811699945829141799 |
| R & R ROYALTY LTD            | 500 NORTH SHORELINE - STE 322   | CORPUS CHRISTI | Texas      | 78471      | 9414811699945829141928 |
| RAFAEL M MADRID              | 222 SMITH AVE SE                | ALBUQUERQUE    | NEW MEXICO | 87102      | 9414811699945829141942 |
| RAZORBACK PETROLEUM LLC      | 11916 S 2ND CT                  | JENKS          | Oklahoma   | 74037-2839 | 9414811699945829141973 |

|  |                              |            |            |            |                        |
|--|------------------------------|------------|------------|------------|------------------------|
| REED KIMBLEY                           | P O BOX 595                  | LOVING     | New Mexico | 88256      | 9414811699945829141027 |
| REYNER D YBABEN & ELVA P YBABEN        | PO BOX 27                    | LOVING     | NEW MEXICO | 88256-0027 | 9414811699945829141034 |
| RICARDO ONSUREZ                        | 1827 HAYS DR                 | CARLSBAD   | NEW MEXICO | 88220      | 9414811699945829141539 |
| RICHARD LEE LONDON                     | 205 PINE FOREST              | TEXARKANA  | Texas      | 75501      | 9414811699945829179259 |
| RITA M LARE                            | 7110 86TH ST #234            | LA VISTA   | NEBRASKA   | 68128      | 9414811699945829179297 |
| RIVERBEND OIL & GAS IX INVESTMENTS LLC | 1200 SMITH STREET Suite 1950 | HOUSTON    | Texas      | 77002      | 9414811699945829179242 |
| ROLLA R HINKLE III SEP PROP            | P O BOX 2292                 | ROSWELL    | New Mexico | 88202      | 9414811699945829179235 |
| ROMAN A GONZALES                       | 4735 COUNTRY CLUB DR         | MIDLAND    | Texas      | 79703      | 9414811699945829179815 |
| ROSE ANN THOMAS                        | PO BOX 14                    | LOVING     | New Mexico | 88256      | 9414811699945829179884 |
| ROSS DUNCAN PROPERTIES LLC             | P O BOX 647                  | ARTESIA    | New Mexico | 88211-0647 | 9414811699945829179761 |
| SALLY GUITAR                           | 10 WOODHAVEN CIRCLE          | ABILENE    | Texas      | 79605      | 9414811699945829179518 |
| SAMUEL PAULETTE BURKHAM                | 75 E LONDON ROAD             | LOVING     | New Mexico | 88256      | 9414811699945829173028 |
| SANTA ELENA MINERALS LP                | P O BOX 2063                 | MIDLAND    | Texas      | 79702      | 9414811699945829175510 |
| SHARON GUITAR ELLIS LLC                | P O BOX 469                  | VALLEYFORD | Washington | 99036      | 9414811699945829175541 |
| SILVER SPUR RESOURCES LLC              | PO BOX 92761                 | SOUTHLAKE  | Texas      | 76092      | 9414811699945829172274 |
| SKYHOUSE LLC                           | P O BOX 161501               | BIG SKY    | Montana    | 59716      | 9414811699945829172939 |
| SPRINGBOK ENERGY PARTNERS II LLC       | 777 TAYLOR STREET Suite 810  | FT WORTH   | Texas      | 76102      | 9414811699945829172434 |
| STARRETT ROYALTY LLC                   | P O BOX 700093               | TULSA      | Oklahoma   | 74170-0093 | 9414811699945829172595 |
| STEPHANIE MARIE SCOTT HARPER           | 1309 RIATA ROAD              | ABILENE    | Texas      | 79602      | 9414811699945829170256 |

|                            |                         |              |                |            |                        |
|----------------------------|-------------------------|--------------|----------------|------------|------------------------|
| STEPHEN J SHOOK            | 4204 TALLOWOOD DR       | AUSTIN       | Texas          | 78731      | 9414811699945829170287 |
| TERRY LYN SHOOK            | 7316 SENECA FALLS LOOP  | AUSTIN       | Texas          | 78739      | 9414811699945829194672 |
| TIERRA OIL COMPANY LLC     | P O BOX 1220            | JUPITER      | Florida        | 33468-1220 | 9414811699945829194177 |
| TIERRA OIL COMPANY LLC     | PO BOX 1948             | SANTA FE     | NEW MEXICO     | 87504      | 9414811699945829194337 |
| TILDEN CAPITAL LLC         | P O BOX 470857          | FORT WORTH   | Texas          | 76147-0857 | 9414811699945829194092 |
| TRADERS OF CARLSBAD INC    | P O BOX 248             | CARLSBAD     | New Mexico     | 88221-0248 | 9414811699945829194412 |
| TRINIDAD ARMENDARIZ        | 209 1ST ST              | LOVING       | New Mexico     | 88256      | 9414811699945829195808 |
| TRUCHAS PEAKS LLC          | 110 LOUISIANA STE 500   | MIDLAND      | Texas          | 79701      | 9414811699945829192890 |
| TULSA ENERGY LLC           | PO BOX 12100            | DALLAS       | Texas          | 75225      | 9414811699945859192333 |
| TUNDRA AD3 LP              | 2100 ROSS AVE STE 1870  | DALLAS       | Texas          | 75201      | 9414811699945829192050 |
| VERNA JOY MCGINNIS EVANS   | 107 E HERON DR          | MARBLE FALLS | TEXAS          | 78654      | 9414811699945829192005 |
| VILLAGE OF LOVING          | PO BOX 56               | LOVING       | NEW MEXICO     | 88256-0056 | 9414811699945829192074 |
| VIRGINIA NEVILL HOFF       | 2601 LAKEWOOD CIRCLE    | TUSCALOOSA   | Alabama        | 35405      | 9414811699945829190841 |
| WEATHERVANE MANAGEMENT LP  | 4610 8TH STREET         | LUBBOCK      | Texas          | 79416      | 9414811699945829198809 |
| WELLBARK RESOURCES LLC     | P O BOX 1987            | FRISCO       | Texas          | 75034      | 9414811699945829197819 |
| WENDE WITHERSPOON MORGAN   | 1720 SOUTHWICKE         | FLOWER MOUND | Texas          | 75022      | 9414811699945829797741 |
| WESLEY ROYCE SCOTT         | 319 WILLOW SPRING COURT | GREENSBORO   | North Carolina | 27410      | 9414811699945829197963 |
| WHITTEN GUITAR WITHERSPOON | 7524 PEAR TREE LANE     | FORT WORTH   | Texas          | 76133      | 9414811699945829197635 |
| WOODS DICKENS RANCH LP     | 4610 8TH STREET         | LUBBOCK      | Texas          | 79416      | 9414811699945829197161 |

# Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

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Holland & Hart LLP.

## Affidavit of Publication

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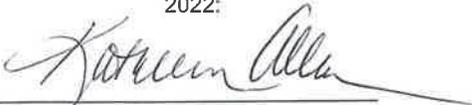
SANTA FE, NM 87504 -2208

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:

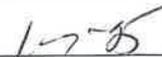
11/17/2022

  
\_\_\_\_\_  
Legal Clerk

Subscribed and sworn before me this November 17, 2022:

  
\_\_\_\_\_

State of WI, County of Brown  
NOTARY PUBLIC

  
\_\_\_\_\_  
My commission expires

KATHLEEN ALLEN  
Notary Public  
State of Wisconsin

Ad # 0005488498  
PO #: W00B Fee  
# of Affidavits 1

This is not an invoice

## Legal Notice (Publication)

To: All affected parties, including: 1836 Royalty Partners LLC; Adventure Energy Corporation; Alberto H. Gutierrez Jr, his heirs and devisees; Alliance Land and Minerals LLC; Alpha Energy Partners LLC; Angel & Anna Rodriguez, their heirs and devisees; Arturo & Rosalinda Munoz, their heirs and devisees; Barbara Lee Backman Inc.; Beal Bank; Beckmill Investments Inc.; Ben V. Chavez & Rosa A. Chavez, their heirs and devisees; Beneficial New Mexico Inc. DBA Beneficial Mortgage Co.; BGW Minerals Ltd.; Big Sky Estates Inc.; Big Three Energy Group LLC; Bill M. Burks Living Trust LLC; BK Exploration Corporation; BK Royalties LLC; Borad Investments LLC; Brooks Mineral Trust; BTA Oil Producers LLC; Caki Family Limited PTNS; Caren G. Machell, her heirs and devisees; Caren Gall Machell Exempt TRT; Carmen & Ricardo Echevarria, their heirs and devisees; Carol Gibson Trust; Chalcam Exploration LLC; Charles & Georgia Duncan, their heirs and devisees; Charles Pardue Bunch Spring, his heirs and devisees; Charlotte Renee Scott Longley, her heirs and devisees; Christina M. Langham, her heirs and devisees; Cipriano L Martinez & Francisca Martinez, their heirs and devisees; Claude L. Sapien Jr., his heirs and devisees; Concho Resources Inc.; Crownrock Minerals LP; Cruz & Sandra Ornelas, their heirs and devisees; Cynthia Rhodes Trust; D & M Oil Investments LLC; Daniel H. Carrasco, his heirs and devisees; David & Julie B Ornelas, their heirs and devisees; David A Carrick, his heirs and devisees; David M. Lopez, his heirs and devisees; David Randall Jones, his heirs and devisees; Davis Family Trust; Deborah D. Holton, her heirs and devisees; Debra C London-Hayes, her heirs and devisees; Ear Nose & Throat Associates; Earl B Guitar Jr Bypass Trust; Ernest London, his heirs and devisees; Eugene Duran Rodriguez, his heirs and devisees; Eva Y Quinones, her heirs and devisees; Felipe And Maria Lara, their heirs and devisees; Filberto Delgado Rios & Gracela Urbina Jaramillo, their heirs and devisees; Florindo L Duran, his heirs and devisees; Frank A Rodriguez, his heirs and devisees; Gene A Adams, his heirs and devisees; George Arthur Lakey, his heirs and devisees; George H & Nancy Brantley, their heirs and devisees; George Michael Shook, his heirs and devisees; Gloria M Minjares, her heirs and devisees; Gloria Ornelas, her heirs and devisees; Gregory J Petruska, his heirs and devisees; Guitar Galusha LP; Guitar Land & Cattle Co LP; Guy P Witherspoon III, his heirs and devisees; Haden R Holcomb, his heirs and devisees; Hayden Kimbley, his heirs and devisees; Heirs Of Esequiro Meza, his heirs and devisees; Heirs Of Esperanza Lucero (Deceased), her heirs and devisees; Heirs Of Rita Green, her heirs and devisees; Herman M Hernandez, his heirs and devisees; Heirs Of Emilio F Lucero (Deceased), his heirs and devisees; Jack Guitar Woods Jr, his heirs and devisees; Jackie D Mcdonald, her heirs and devisees; James Clayton Wyman, his heirs and devisees; James P Riggs Living Trust; Jesus H Adame & Juana G Adame, their heirs and devisees; Jetstream Royalty Partners LP; MA Oil Properties Ltd; John Guitar, his heirs and devisees; John Guitar Witherspoon Jr, his heirs and devisees; John W Morris & Nelda F Morris, their heirs and devisees; Jose Manuel Hernandez, his heirs and devisees; JPH Holdings LP; Juan Maria Rios, his heirs and devisees; Juanita G Navarrete, her heirs and devisees; Jude Andrew Oslund, his heirs and devisees; Judy Guitar Uhey, LLC, her heirs and devisees; Justin Dodson And Juanita Young, their heirs and devisees; Kaiser Francis Oil Company; Kimberly Rose Jordan, her heirs and devisees; Kirby Randall Scott, his heirs and devisees; L C Burkham Life Estate Trustees; Laura Jean Hofer Adm Trust; Laura Yarbro Bunn, her heirs and devisees; Lee Charles Freeman (Incarcerated), his heirs and devisees; Lesley Yarbro Najera, his or her heirs and devisees; Lewis Charles Burkham Sr, his heirs and devisees; Lewis Charles Burkham, Jr, his heirs and devisees; Lorina L Balderrama, her heirs and devisees; M Joyce Griffin, his or her heirs and devisees; Mandm Resources LLC; Margaret Nymyer Baker, her heirs and devisees; Margie Galavan, her heirs and devisees; Maria Celia Gutierrez, her heirs and devisees; Martha V Rodriguez, her heirs and devisees; Martin Armendarez, his heirs and devisees; Mary London Whitlock, her heirs and devisees; Mauro & Rita Granado, their heirs and devisees; Melissa Gray McGee, her heirs and devisees; Melvin L & Olidia Q Balderrama, their heirs and devisees; Merland Inc; Miguel Garcia Armendarez, his heirs and devisees; Mike K Bullock, his heirs and devisees; Mindy Kovacs, her heirs and devisees; MJB Petroleum LLC; MRC Permian Company; MRC Permian LKE Company LLC; Murchison-Guitar Family LP; Nathan Arnold Scott, his heirs and devisees; Noble E Yarbro, his or her heirs and devisees; Nordstrand Engineering Inc; Olde Cypress Resources LLC; Olga C Rodriguez, her heirs and devisees; Olli Energy LLC; Owen J Campbell, his heirs and devisees; Oxy USA Inc.; Pardue Limited Company; Patsy R Burch, her heirs and devisees; Paul Bustillos, his heirs and devisees; Paul Dicamillo, his heirs and devisees; Penasco Petroleum LLC; Pete V Martinez, his heirs and devisees; Platte Street Minerals I, LP; Polk Land & Minerals LP; Pressley Hudson Guitar, his heirs and devisees; Priscilla M Lopez, her heirs and devisees; Quarles Income

Trust; R & K Royalty Ltd; Rafael M. Maurio, his heirs and devisees; Razorback Petroleum LLC; Reed Kimbley, his heirs and devisees; Reyner D. Ybaben & Elva P. Ybaben, their heirs and devisees; Ricardo Onsurez, his heirs and devisees; Richard Lee London, his heirs and devisees; Rita M Lare, her heirs and devisees; Riverbend Oil & Gas Investments LLC; Rolla R Hinkle III Sep Prop; Roman A Gonzales, his heirs and devisees; Rose Ann Thomas, her heirs and devisees; Ross Duncan Properties LLC; Sally Guitar, her heirs and devisees; Samuel Paulette Burkham, his heirs and devisees; Santa Elena Minerals LP; Sharon Guitar Ellis LLC; Silver Spur Resources LLC; Skyhouse LLC; Springbok Energy Partners II LLC; Starrett Royalty LLC; Stephanie Marie Scott Harper, her heirs and devisees; Stephen J Shook, his heirs and devisees; Terry Lyn Shook, his or her heirs and devisees; Tierra Oil Company LLC; Tierra Oil Company LLC; Tilden Capital LLC; Traders of Carlsbad Inc; Trinidad Armendariz, his or her heirs and devisees; Truchas Peaks LLC; Tulsa Energy LLC; Tundra Ad3 LP; Verna Joy McGinnis Evans, her heirs and devisees; Village Of Loving; Virginia Nevill Hoff, her heirs and devisees; Weathervane Management LP; Wellbark Resources LLC; Wende Witherspoon Morgan, her heirs and devisees; Wesley Royce Scott, his or her heirs and devisees; Whitten Guitar Witherspoon, his heirs and devisees; and Woods Dickens Ranch LP.

Application of Mewbourne Oil Company for administrative approval to surface commingle (lease) oil and gas production from spacing units comprised of the E/2 of Section 21, and all of Section 28, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico (the "Lands"). Mewbourne Oil Company (OGRID No. 14744), pursuant to 19.15.12.10 NMAC, seeks administrative approval to surface commingle (lease) diversely owned oil and gas production at the Starship 28/21 W00B Fee #1H Tank Battery insofar as all existing and future infill wells drilled in the following spacing units:

(a) The 640-acre spacing unit comprised of the E/2 of Sections 21 and 28, in the Purple Sage; Wolfcamp (gas) [98220] - currently dedicated to the Starship 28/21 W00B Fee #1H (API No. 30-15-46353), Starship 28/21 W00B Fee #2H (API No. 30-15-46352);

(b) The 320-acre spacing unit comprised of the W/2 of Section 28, in the Purple Sage; Wolfcamp (gas) [98220] - currently dedicated to the Thor 28 W0MD Fee #1H (API No. 30-15-46272), Thor 28 W0NC Fee #1H (API No. 30-15-46246); and

(c) Pursuant to 19.15.12.10.C(4)(g), future Purple Sage; Wolfcamp (gas) [98220] spacing units connected to the Starship 28/21 W00B Fee #1H Tank Battery with notice provided only to the owners of interests to be added.

Any objection to this application must be filed in writing within twenty days from date of publication with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division. If you have any questions about this application, please contact Chad Cole, Mewbourne Oil Company, (575) 393-5905 or ccole@mewbourne.com.

#5488498, Current Argus, November 17, 2022

**DESIGNATION OF POOLED UNIT****KNOW ALL MEN BY THESE PRESENTS:**

1. Exhibit "A" attached hereto describes Oil and Gas Leases (hereinafter collectively referred to as "Leases") covering all or part of the mineral interest in the lands described in connection with each such Lease, as well as the record owner and recording information with respect to each such Lease as reflected by the records of the County Clerk of Eddy County, New Mexico.

2. The Leases collectively cover all lands comprising the E2 of Section 28 and the E2 of Section 21, Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico, which is to be the pooled unit designated hereinbelow.

3. Each of the Leases contains a pooling provision. Said pooling provisions are incorporated herein by reference to the recorded Lease, with the recording data being set forth on Exhibit "A" hereto; and the record owners of said Leases hereby desire to pool said Leases to form a spacing unit comprising the E2 of Section 28 and the E2 of Section 21, Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico to be dedicated to the Starship 28-21 W0OB Fee #1H well located 215 feet FNL and 1200 feet FEL of said Section 28, or any other well located on said unit, for the production of oil and gas from the Wolfcamp formation only.

NOW, THEREFORE, the undersigned record owners of the Leases do hereby pool or combine the Leases pursuant to the pooling authority contained therein to form a spacing unit consisting of the following described land in Eddy County, New Mexico:

**Township 23 South, Range 28 East, N.M.P.M.**

Section 28: E2

Section 21: E2

Containing 640 acres, more or less;

Said spacing unit is to be dedicated to Mewbourne Oil Company's Starship 28-21 W0OB Fee #1H well located 215 feet FSL and 1200 feet FEL of said Section 28, or any other well located on said unit, for the production of oil and gas from the Wolfcamp Formation only.

Additional oil and gas leases, or other interests not described on Exhibit "A" hereto may be committed to this Designation of Pooled Unit from time to time insofar and only insofar as such additional leases or interest may cover lands lying within the E2 of Section 28 and E2 of Section 21, Township 23 South, Range 28 East, N.M.P.M, Eddy County, New Mexico. Any such commitment shall be effective as of the date of this Designation of Pooled Unit and an appropriate joinder and ratification instrument shall be executed by each party committing a lease or interest of said Designation of Pooled Unit and accepted by Mewbourne Oil Company, the Designated Operator of said pooled unit, or any other successor operator of said pooled unit.

This Designation of Pooled Unit may be executed or ratified by any of the persons owning leasehold interests, unleased mineral interest, or other interests in lands comprising part of the pooled unit designated herein, and such execution or ratification shall be binding upon all persons executing or ratifying same whether or not all interest owners execute this Designation of Pooled Unit or Ratifications thereof.

This instrument may be executed in multi-counterparts, no one of which need be executed by all parties hereto and the same shall be binding upon those parties who execute whether or not all named parties join in execution hereof. Counterparts thus executed shall together constitute but one and the same instrument. In the interest of facilitating filing or recording this instrument thus executed in multi-counterparts each executing party hereby authorizes removal of signature and acknowledgement pages and reassembly of the same into a single document composed of one copy of the substantive portions of this instrument attached to multiple separately executed signature and acknowledgement pages.

Reception: 2007722 Book: 1137 Page: 1059 Pages: 27  
Recorded: 07/02/2020 03:23 PM Fee: \$50.00  
Eddy County, New Mexico ~ Robin Van Natta, County Clerk



eRecorded Document

MS

Executed as of the date of acknowledgments found below, but effective as of the 15<sup>th</sup> day of February, 2020.

**MEWBOURNE OIL COMPANY**

By: Corey Mitchell  
Corey Mitchell, Attorney-in-Fact

**COG PRODUCTION, LLC**

By: \_\_\_\_\_  
Mark A. Carter, Attorney-in-Fact

**MRC PERMIAN COMPANY**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**MRC PERMIAN LKE COMPANY, LLC**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**TIERRA OIL COMPANY, LLC**

By: \_\_\_\_\_  
W. Chris Barnhill, President

**ALPHA ENERGY PARTNERS, LLC**

By: \_\_\_\_\_  
P. Nick Maxwell, Chief Executive Officer

**PRISM ENERGY, LLC**

By: \_\_\_\_\_  
Gregory Petruska, Managing Member

**SKYHOUSE, LLC**

By: \_\_\_\_\_  
Robert G. Laughner, President

**BTA OIL PRODUCERS, LLC**

By: \_\_\_\_\_  
Barry Beal, Jr., Managing Member

**KAISER-FRANCIS OIL COMPANY**

By: \_\_\_\_\_  
Wayne A. Fields, Attorney-in-Fact

By: \_\_\_\_\_  
Martha Vasquez Ybarra

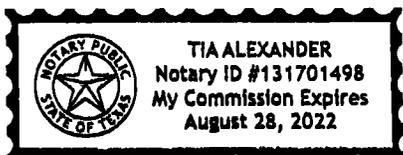
By: \_\_\_\_\_  
Manuel Ybarra

**ACKNOWLEDGEMENTS**

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this 26 day of February, 2020 by Corey Mitchell, Attorney-in-Fact for **MEWBOURNE OIL COMPANY**, a Delaware Corporation on behalf of said corporation.



Tia Alexander  
Notary Public, State of Texas  
My Commission Expires: 8-28-22

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 2020 by Mark A. Carter, Attorney-in-Fact for **COG PRODUCTION, LLC**, a Texas limited liability company, on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas  
My Commission Expires: \_\_\_\_\_

Executed as of the date of acknowledgments found below, but effective as of the 15<sup>th</sup> day of February, 2020.

**MEWBOURNE OIL COMPANY**

By: \_\_\_\_\_  
Corey Mitchell, Attorney-in-Fact

**COG PRODUCTION, LLC**

By: \_\_\_\_\_  
Mark A. Carter, Attorney-in-Fact

**MRC PERMIAN COMPANY**

By: *[Signature]*  
Craig N. Adams, Executive Vice President *[Handwritten initials]*

**MRC PERMIAN LKE COMPANY, LLC**

By: *[Signature]*  
Craig N. Adams, Executive Vice President *[Handwritten initials]*

**TIERRA OIL COMPANY, LLC**

By: \_\_\_\_\_  
W. Chris Barnhill, President

**ALPHA ENERGY PARTNERS, LLC**

By: \_\_\_\_\_  
P. Nick Maxwell, Chief Executive Officer

**PRISM ENERGY, LLC**

By: \_\_\_\_\_  
Gregory Petruska, Managing Member

**SKYHOUSE, LLC**

By: \_\_\_\_\_  
Robert G. Laughner, President

**BTA OIL PRODUCERS, LLC**

By: \_\_\_\_\_  
Barry Beal, Jr., Managing Member

**KAISER-FRANCIS OIL COMPANY**

By: \_\_\_\_\_  
Wayne A. Fields, Attorney-in-Fact

By: \_\_\_\_\_  
Martha Vasquez Ybarra

By: \_\_\_\_\_  
Manuel Ybarra

**ACKNOWLEDGEMENTS**

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_ day of February, 2020 by Corey Mitchell, Attorney-in-Fact for MEWBOURNE OIL COMPANY, a Delaware Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 2020 by Mark A. Carter, Attorney-in-Fact for COG PRODUCTION, LLC, a Texas limited liability company, on behalf of said limited liability company.

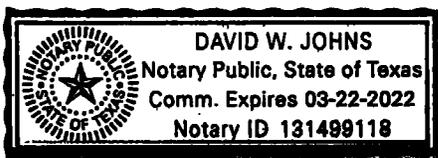
\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this 12<sup>th</sup> day of March, 2020 by Craig N. Adams, Executive Vice President of MRC PERMIAN COMPANY, a Texas Corporation on behalf of said corporation.



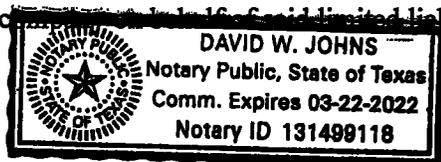
D. W. J.  
Notary Public, State of Texas

My Commission Expires: 03/22/2022

STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this 12<sup>th</sup> day of March, 2020 by Craig N. Adams, Executive Vice President of MRC PERMIAN LKE COMPANY, LLC, a Texas limited liability company.



D. W. J.  
Notary Public, State of Texas

My Commission Expires: 03/22/2022

STATE OF NEW MEXICO

COUNTY OF SANTA FE

This instrument was acknowledged before me on this \_\_\_ day of \_\_\_\_\_, 2020 by W. Chris Barnhill, President of TIERRA OIL COMPANY, LLC, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of New Mexico

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_ day of \_\_\_\_\_, 2020 by P. Nick Maxwell, Chief Executive Officer of ALPHA ENERGY PARTNERS, LLC, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF COLORADO

COUNTY OF ARAPAHOE

This instrument was acknowledged before me on this \_\_\_ day of \_\_\_\_\_, 2020 by Gregory Petruska, Managing Member of PRISM ENERGY, LLC, a Colorado limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Colorado

My Commission Expires: \_\_\_\_\_

Executed as of the date of acknowledgments found below, but effective as of the 15<sup>th</sup> day of February, 2020.

**MEWBOURNE OIL COMPANY**

By: \_\_\_\_\_  
Corey Mitchell, Attorney-in-Fact

**COG PRODUCTION, LLC**

By: \_\_\_\_\_  
Mark A. Carter, Attorney-in-Fact

**MRC PERMIAN COMPANY**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**MRC PERMIAN LKE COMPANY, LLC**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**TIERRA OIL COMPANY, LLC**

By: WCB  
W. Chris Barnhill, President

**ALPHA ENERGY PARTNERS, LLC**

By: \_\_\_\_\_  
P. Nick Maxwell, Chief Executive Officer

**PRISM ENERGY, LLC**

By: \_\_\_\_\_  
Gregory Petruska, Managing Member

**SKYHOUSE, LLC**

By: \_\_\_\_\_  
Robert G. Laughner, President

**BTA OIL PRODUCERS, LLC**

By: \_\_\_\_\_  
Barry Beal, Jr., Managing Member

**KAISER-FRANCIS OIL COMPANY**

By: \_\_\_\_\_  
Wayne A. Fields, Attorney-in-Fact

By: \_\_\_\_\_  
Martha Vasquez Ybarra

By: \_\_\_\_\_  
Manuel Ybarra

**ACKNOWLEDGEMENTS**

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_ day of February, 2020 by Corey Mitchell, Attorney-in-Fact for **MEWBOURNE OIL COMPANY**, a Delaware Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 2020 by Mark A. Carter, Attorney-in-Fact for **COG PRODUCTION, LLC**, a Texas limited liability company, on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Craig N. Adams, Executive Vice President of **MRC PERMIAN COMPANY**, a Texas Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Craig N. Adams, Executive Vice President of **MRC PERMIAN LKE COMPANY, LLC**, a Texas limited liability company on behalf of said limited liability company.

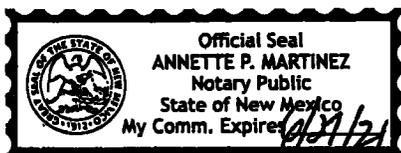
\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF NEW MEXICO

COUNTY OF SANTA FE

This instrument was acknowledged before me on this 3 day of March, 2020 by W. Chris Barnhill, President of **TIERRA OIL COMPANY, LLC**, a Texas limited liability company on behalf of said limited liability company.



[Signature]  
\_\_\_\_\_  
Notary Public, State of New Mexico

My Commission Expires: 6/27/21

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by P. Nick Maxwell, Chief Executive Officer of **ALPHA ENERGY PARTNERS, LLC**, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF COLORADO

COUNTY OF ARAPAHOE

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Gregory Petruska, Managing Member of **PRISM ENERGY, LLC**, a Colorado limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Colorado

My Commission Expires: \_\_\_\_\_

Executed as of the date of acknowledgments found below, but effective as of the 15<sup>th</sup> day of February, 2020.

**MEWBOURNE OIL COMPANY**

By: \_\_\_\_\_  
Corey Mitchell, Attorney-in-Fact

**COG PRODUCTION, LLC**

By: \_\_\_\_\_  
Mark A. Carter, Attorney-in-Fact

**MRC PERMIAN COMPANY**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**MRC PERMIAN LKE COMPANY, LLC**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**TIERRA OIL COMPANY, LLC**

By: \_\_\_\_\_  
W. Chris Barnhill, President

**ALPHA ENERGY PARTNERS, LLC**

By: *P. Nick Maxwell*  
P. Nick Maxwell, Chief Executive Officer

**PRISM ENERGY, LLC**

By: \_\_\_\_\_  
Gregory Petruska, Managing Member

**SKYHOUSE, LLC**

By: \_\_\_\_\_  
Robert G. Laughner, President

**BTA OIL PRODUCERS, LLC**

By: \_\_\_\_\_  
Barry Beal, Jr., Managing Member

**KAISER-FRANCIS OIL COMPANY**

By: \_\_\_\_\_  
Wayne A. Fields, Attorney-in-Fact

By: \_\_\_\_\_  
Martha Vasquez Ybarra

By: \_\_\_\_\_  
Manuel Ybarra

**ACKNOWLEDGEMENTS**

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_ day of February, 2020 by Corey Mitchell, Attorney-in-Fact for **MEWBOURNE OIL COMPANY**, a Delaware Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 2020 by Mark A. Carter, Attorney-in-Fact for **COG PRODUCTION, LLC**, a Texas limited liability company, on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Craig N. Adams, Executive Vice President of MRC PERMIAN COMPANY, a Texas Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Craig N. Adams, Executive Vice President of MRC PERMIAN LKE COMPANY, LLC, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF NEW MEXICO

COUNTY OF SANTA FE

This instrument was acknowledged before me on this 27 day of February, 2020 by W. Chris Barnhill, President of TIERRA OIL COMPANY, LLC, a Texas limited liability company on behalf of said limited liability company.

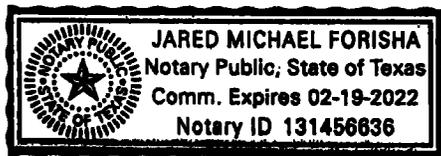
\_\_\_\_\_  
Notary Public, State of New Mexico

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this 27 day of February, 2020 by P. Nick Maxwell, Chief Executive Officer of ALPHA ENERGY PARTNERS, LLC, a Texas limited liability company on behalf of said limited liability company.



Jared M. Forisha  
Notary Public, State of Texas

My Commission Expires: 02-19-2022

STATE OF COLORADO

COUNTY OF ARAPAHOE

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Gregory Petruska, Managing Member of PRISM ENERGY, LLC, a Colorado limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Colorado

My Commission Expires: \_\_\_\_\_

Executed as of the date of acknowledgments found below, but effective as of the 15<sup>th</sup> day of February, 2020.

**MEWBOURNE OIL COMPANY**

By: \_\_\_\_\_  
Corey Mitchell, Attorney-in-Fact

**COG PRODUCTION, LLC**

By: \_\_\_\_\_  
Mark A. Carter, Attorney-in-Fact

**MRC PERMIAN COMPANY**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**MRC PERMIAN LKE COMPANY, LLC**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**TIERRA OIL COMPANY, LLC**

By: \_\_\_\_\_  
W. Chris Barnhill, President

**ALPHA ENERGY PARTNERS, LLC**

By: \_\_\_\_\_  
P. Nick Maxwell, Chief Executive Officer

**PRISM ENERGY, LLC**

By: *Gregory Petruska*  
Gregory Petruska, Managing Member

**SKYHOUSE, LLC**

By: \_\_\_\_\_  
Robert G. Laughner, President

**BTA OIL PRODUCERS, LLC**

By: \_\_\_\_\_  
Barry Beal, Jr., Managing Member

**KAISER-FRANCIS OIL COMPANY**

By: \_\_\_\_\_  
Wayne A. Fields, Attorney-in-Fact

By: \_\_\_\_\_  
Martha Vasquez Ybarra

By: \_\_\_\_\_  
Manuel Ybarra

**ACKNOWLEDGEMENTS**

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_ day of February, 2020 by Corey Mitchell, Attorney-in-Fact for MEWBOURNE OIL COMPANY, a Delaware Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 2020 by Mark A. Carter, Attorney-in-Fact for COG PRODUCTION, LLC, a Texas limited liability company, on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Craig N. Adams, Executive Vice President of MRC PERMIAN COMPANY, a Texas Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Craig N. Adams, Executive Vice President of MRC PERMIAN LKE COMPANY, LLC, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF NEW MEXICO

COUNTY OF SANTA FE

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by W. Chris Barnhill, President of TIERRA OIL COMPANY, LLC, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of New Mexico

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by P. Nick Maxwell, Chief Executive Officer of ALPHA ENERGY PARTNERS, LLC, a Texas limited liability company on behalf of said limited liability company.

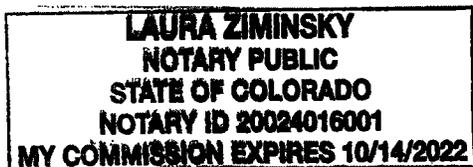
\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF COLORADO

COUNTY OF ~~ARAPAHOE~~ LARIMER

This instrument was acknowledged before me on this 9<sup>th</sup> day of March, 2020 by Gregory Petruska, Managing Member of PRISM ENERGY, LLC, a Colorado limited liability company on behalf of said limited liability company.



Laura Ziminsky  
Notary Public, State of Colorado

My Commission Expires: 10/14/2022

Executed as of the date of acknowledgments found below, but effective as of the 15<sup>th</sup> day of February, 2020.

**MEWBOURNE OIL COMPANY**

By: \_\_\_\_\_  
Corey Mitchell, Attorney-in-Fact

**COG PRODUCTION, LLC**

By: \_\_\_\_\_  
Mark A. Carter, Attorney-in-Fact

**MRC PERMIAN COMPANY**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**MRC PERMIAN LKE COMPANY, LLC**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**TIERRA OIL COMPANY, LLC**

By: \_\_\_\_\_  
W. Chris Barnhill, President

**ALPHA ENERGY PARTNERS, LLC**

By: \_\_\_\_\_  
P. Nick Maxwell, Chief Executive Officer

**PRISM ENERGY, LLC**

By: \_\_\_\_\_  
Gregory Petruska, Managing Member

**SKYHOUSE, LLC**

By:  \_\_\_\_\_  
Robert G. Vaughner, President

**BTA OIL PRODUCERS, LLC**

By: \_\_\_\_\_  
Barry Beal, Jr., Managing Member

**KAISER-FRANCIS OIL COMPANY**

By: \_\_\_\_\_  
Wayne A. Fields, Attorney-in-Fact

By: \_\_\_\_\_  
Martha Vasquez Ybarra

By: \_\_\_\_\_  
Manuel Ybarra

**ACKNOWLEDGEMENTS**

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_ day of February, 2020 by Corey Mitchell, Attorney-in-Fact for **MEWBOURNE OIL COMPANY**, a Delaware Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 2020 by Mark A. Carter, Attorney-in-Fact for **COG PRODUCTION, LLC**, a Texas limited liability company, on behalf of said limited liability company.

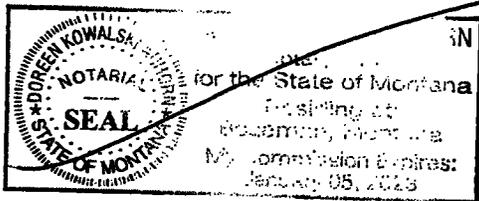
\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF MONTANA

COUNTY OF GALLATIN

This instrument was acknowledged before me on this 3<sup>rd</sup> day of March, 2020 by Robert G. Laughner, President of SKYHOUSE, LLC.

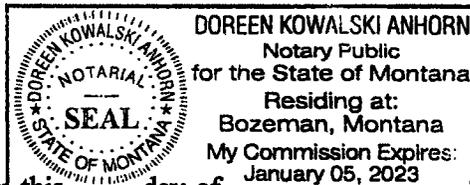


Doreen Kowalski Anhorn  
Notary Public, State of Montana  
My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2020 by Barry Beal, Jr., Managing Member of BTA OIL PRODUCERS, LLC, a Texas limited liability company on behalf of said limited liability company.



\_\_\_\_\_  
Notary Public, State of Texas  
My Commission Expires: \_\_\_\_\_

STATE OF OKLAHOMA

COUNTY OF TULSA

This instrument was acknowledged before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2020 by Wayne A. Fields, Attorney-in-Fact for KAISER-FRANCIS OIL COMPANY.

\_\_\_\_\_  
Notary Public, State of Oklahoma  
My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2020 by Martha Vasquez Ybarra.

\_\_\_\_\_  
Notary Public, State of Texas  
My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2020 by Manuel Ybarra.

\_\_\_\_\_  
Notary Public, State of Texas  
My Commission Expires: \_\_\_\_\_

Executed as of the date of acknowledgments found below, but effective as of the 15<sup>th</sup> day of February, 2020.

**MEWBOURNE OIL COMPANY**

By: \_\_\_\_\_  
Corey Mitchell, Attorney-in-Fact

**COG PRODUCTION, LLC**

By: \_\_\_\_\_  
Mark A. Carter, Attorney-in-Fact

**MRC PERMIAN COMPANY**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**MRC PERMIAN LKE COMPANY, LLC**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**TIERRA OIL COMPANY, LLC**

By: \_\_\_\_\_  
W. Chris Barnhill, President

**ALPHA ENERGY PARTNERS, LLC**

By: \_\_\_\_\_  
P. Nick Maxwell, Chief Executive Officer

**PRISM ENERGY, LLC**

By: \_\_\_\_\_  
Gregory Petruska, Managing Member

**SKYHOUSE, LLC**

By: \_\_\_\_\_  
Robert G. Laughner, President

**BTA OIL PRODUCERS, LLC**

By: \_\_\_\_\_  
Barry Beal, Jr., Managing Member

**KAISER-FRANCIS OIL COMPANY**

By: \_\_\_\_\_  
Wayne A. Fields, Attorney-in-Fact

By: \_\_\_\_\_  
Martha Vasquez Ybarra

By: \_\_\_\_\_  
Manuel Ybarra

**ACKNOWLEDGEMENTS**

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_ day of February, 2020 by Corey Mitchell, Attorney-in-Fact for **MEWBOURNE OIL COMPANY**, a Delaware Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 2020 by Mark A. Carter, Attorney-in-Fact for **COG PRODUCTION, LLC**, a Texas limited liability company, on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF MONTANA

COUNTY OF GALLATIN

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Robert G. Laughner, President of SKYHOUSE, LLC.

\_\_\_\_\_  
Notary Public, State of Montana

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this 19 day of May, 2020 by Barry Beal, Jr., Managing Member of BTA OIL PRODUCERS, LLC, a Texas limited liability company on behalf of said limited liability company.



Kris Ramos  
\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: 11-1-22

STATE OF OKLAHOMA

COUNTY OF TULSA

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Wayne A. Fields, Attorney-in-Fact for KAISER-FRANCIS OIL COMPANY.

\_\_\_\_\_  
Notary Public, State of Oklahoma

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Martha Vasquez Ybarra.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Manuel Ybarra.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

Executed as of the date of acknowledgments found below, but effective as of the 15<sup>th</sup> day of February, 2020.

**MEWBOURNE OIL COMPANY**

By: \_\_\_\_\_  
Corey Mitchell, Attorney-in-Fact

**COG PRODUCTION, LLC**

By: \_\_\_\_\_  
Mark A. Carter, Attorney-in-Fact

**MRC PERMIAN COMPANY**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**MRC PERMIAN LKE COMPANY, LLC**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**TIERRA OIL COMPANY, LLC**

By: \_\_\_\_\_  
W. Chris Barnhill, President

**ALPHA ENERGY PARTNERS, LLC**

By: \_\_\_\_\_  
P. Nick Maxwell, Chief Executive Officer

**PRISM ENERGY, LLC**

By: \_\_\_\_\_  
Gregory Petruska, Managing Member

**SKYHOUSE, LLC**

By: \_\_\_\_\_  
Robert G. Laughner, President

**BTA OIL PRODUCERS, LLC**

By: \_\_\_\_\_  
Barry Beal, Jr., Managing Member

**KAISER-FRANCIS OIL COMPANY**

By: Wayne A. Fields BK  
Wayne A. Fields, Attorney-in-Fact

By: \_\_\_\_\_  
Martha Vasquez Ybarra

By: \_\_\_\_\_  
Manuel Ybarra

**ACKNOWLEDGEMENTS**

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_ day of February, 2020 by Corey Mitchell, Attorney-in-Fact for MEWBOURNE OIL COMPANY, a Delaware Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 2020 by Mark A. Carter, Attorney-in-Fact for COG PRODUCTION, LLC, a Texas limited liability company, on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF MONTANA  
COUNTY OF GALLATIN

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Robert G. Laughner, President of SKYHOUSE, LLC.

\_\_\_\_\_  
Notary Public, State of Montana

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS  
COUNTY OF MIDLAND

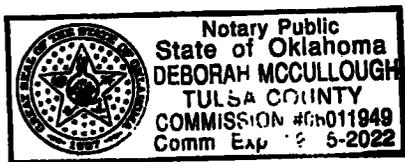
This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Barry Beal, Jr., Managing Member of BTA OIL PRODUCERS, LLC, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF OKLAHOMA  
COUNTY OF TULSA

This instrument was acknowledged before me on this 16<sup>th</sup> day of June, 2020 by Wayne A. Fields, Attorney-in-Fact for KAISER-FRANCIS OIL COMPANY.



Deborah McCullough  
Notary Public, State of Oklahoma

My Commission Expires: 12-15-22

STATE OF TEXAS  
COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Martha Vasquez Ybarra.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS  
COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Manuel Ybarra.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

Executed as of the date of acknowledgments found below, but effective as of the 15<sup>th</sup> day of February, 2020.

**MEWBOURNE OIL COMPANY**

By: \_\_\_\_\_  
Corey Mitchell, Attorney-in-Fact

**COG PRODUCTION, LLC**

By: \_\_\_\_\_  
Mark A. Carter, Attorney-in-Fact

**MRC PERMIAN COMPANY**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**MRC PERMIAN LKE COMPANY, LLC**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**TIERRA OIL COMPANY, LLC**

By: \_\_\_\_\_  
W. Chris Barnhill, President

**ALPHA ENERGY PARTNERS, LLC**

By: \_\_\_\_\_  
P. Nick Maxwell, Chief Executive Officer

**PRISM ENERGY, LLC**

By: \_\_\_\_\_  
Gregory Petruska, Managing Member

**SKYHOUSE, LLC**

By: \_\_\_\_\_  
Robert G. Laughner, President

**BTA OIL PRODUCERS, LLC**

By: \_\_\_\_\_  
Barry Beal, Jr., Managing Member

**KAISER-FRANCIS OIL COMPANY**

By: \_\_\_\_\_  
Wayne A. Fields, Attorney-in-Fact

By: Martha Vasquez Ybarra  
Martha Vasquez Ybarra

By: Manuel Ybarra  
Manuel Ybarra

**ACKNOWLEDGEMENTS**

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_ day of February, 2020 by Corey Mitchell, Attorney-in-Fact for **MEWBOURNE OIL COMPANY**, a Delaware Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 2020 by Mark A. Carter, Attorney-in-Fact for **COG PRODUCTION, LLC**, a Texas limited liability company, on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF MONTANA

COUNTY OF GALLATIN

This instrument was acknowledged before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2020 by Robert G. Laughner, President of SKYHOUSE, LLC.

\_\_\_\_\_  
Notary Public, State of Montana

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2020 by Barry Beal, Jr., Managing Member of BTA OIL PRODUCERS, LLC, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF OKLAHOMA

COUNTY OF TULSA

This instrument was acknowledged before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2020 by Wayne A. Fields, Attorney-in-Fact for KAISER-FRANCIS OIL COMPANY.

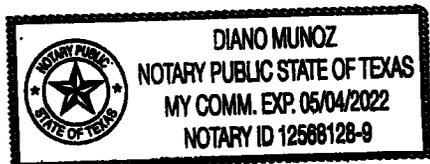
\_\_\_\_\_  
Notary Public, State of Oklahoma

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this 9<sup>th</sup> day of MARCH, 2020 by Martha Vasquez Ybarra.



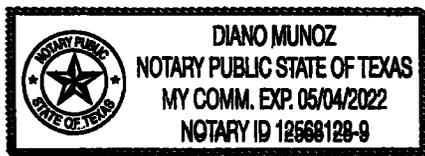
Diano Munoz  
Notary Public, State of Texas

My Commission Expires: 05-04-2022

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this 9<sup>th</sup> day of MARCH, 2020 by Manuel Ybarra.



Diano Munoz  
Notary Public, State of Texas

My Commission Expires: 05-04-2022

**EXHIBIT "A"**

Attached to and made part of that certain Designation of Pooled Unit effective February 15, 2020, by and between Mewbourne Oil Company, as Operator, and COG Production, LLC, et al, as Non-Operator regarding the Starship 28-21 W00B Fee #1H well.

**Lease No. 1:**

Dated: January 20, 1991.  
Lessor: John Guitar, III, dealing in his separate property.  
Lessee: James H. Isbell.  
Recorded: Book 87, Page 709, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: N/2NE/4 North and East of the AT&SF Ry. Co. Right-of-Way, containing 80.00 acres, more or less.

**Lease No. 2:**

Dated: January 5, 2018.  
Lessor: Judy Uhey, Sharon Ellis, Sally Guitar, and Melissa McGee.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 1102, Page 638, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers: (i) that part of the NE/4SE/4 lying South and West of the AT&SF RR Right-of-Way, (ii) NW/4NW/4SE/4, and (iii) the subsurface rights below the stratigraphic equivalent of the subsurface depth of 7326' in the COG Production LLC Falcon 28 1H in that part of the S/2NE/4 lying West and South of the AT&SF RR Right-of-Way containing 63.343164 acres, more or less.

**Lease No. 3:**

Dated: October 15, 2015.  
Lessor: Pardue Limited Company.  
Lessee: BC Operating, Inc.  
Recorded: Book 1050, Page 1202, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: SE/4NE/4 and that part of the SW/4NE/4 lying East and North of the AT&SF Right-of-Way, containing 46.698731 acres, more or less.

**Lease No. 4:**

Dated: February 24, 2017.  
Lessor: Pardue Limited Company.  
Lessee: Featherstone Development Corporation.  
Recorded: Book 1092, Page 296, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: SW/4NW/4SE/4 and that part of the NE/4SE/4 lying North and East of the center line of the AT&SF Right-of-Way, containing 29.958105 acres, more or less.

**Lease No. 5:**

Dated: October 15, 2016.  
Lessor: Mildred B. Langston, Sole Trustee of the Mildred B. Langston Revocable Trust.  
Lessee: Mewbourne Oil Company.  
Recorded: Book 1088, Page 939, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: NE/4NW/4SE/4, containing 10.00 acres, more or less.

Lease No. 6:

Dated: July 15, 2015.  
Lessor: Merland, Inc..  
Lessee: Featherstone Development Corporation.  
Recorded: Book 1032, Page 34, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SE/4NW/4SE/4,  
containing 10.00 acres, more or less.

Lease No. 7:

Dated: February 19, 2014.  
Lessor: Maria Gutierrez.  
Lessee: Gabler Energy Investments, LLC.  
Recorded: Book 971, Page 572, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: SE/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 8:

Dated: February 19, 2014.  
Lessor: Alberto H. Gutierrez.  
Lessee: Gabler Energy Investments, LLC.  
Recorded: Book 971, Page 576, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: SE/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 9:

Dated: May 13, 2008.  
Lessor: Mary Jones Leonard, Trustee of the Mary Rose Leonard Revocable  
Trust utu dated 11/10/05.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 744, Page 682, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 10:

Dated: April 29, 2008.  
Lessor: Kenneth H. Jordan, Trustee of the Jones & Jordan Mineral Trust No. 5-2.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 744, Page 747, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 11:

Dated: April 28, 2008.  
Lessor: Delilah Mae Jones Jackson, dealing in her separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 744, Page 744, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 12:

Dated: July 28, 2008.  
Lessor: Earl H. Cochell, a widower dealing in his separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 754, Page 1119, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 13:

Dated: October 8, 2008.  
Lessor: Kayla Marie Larson and Charles L. Cassidy, Trustees of the Cassidy Enterprises "A" Trust utta dated May 5, 1981.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 754, Page 1107, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 14:

Dated: April 10, 2015.  
Lessor: Chad Michael Lammerman, dealing in his separate property.  
Lessee: BC Operating, Inc.  
Recorded: Book 1025, Page 1075, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 15:

Dated: May 23, 2008.  
Lessor: Billie Ann Condy, dealing in her separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 744, Page 684, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 16:

Dated: April 28, 2008.  
Lessor: Stephen J. Lammerman, dealing in his separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 744, Page 742, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 17:

Dated: May 26, 2009.  
Lessor: George Arthur Lakey.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 770, Page 994, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 18:

Dated: May 26, 2009.  
Lessor: Diane Lakey Webster, a single woman dealing in her separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 770, Page 992, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 19:

Dated: October 1, 2008.  
Lessor: Charles D. Jones, dealing in his separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 756, Page 716, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 20:

Dated: January 4, 2018.  
Lessor: Kimberly Rose Jordan.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 1102, Page 640, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 21:

Dated: October 1, 2008.  
Lessor: Steven Douglas Jones, Trustee of the Kathryn A. Jones Living Trust utu dated February 4, 1999, and as an individual dealing in his separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 756, Page 714, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 22:

Dated: October 1, 2008.  
Lessor: David Randall Jones, Trustee of the Kathryn A. Jones Living Trust utu dated February 4, 1999, and as an individual dealing in his separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 756, Page 712, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 23:

Dated: November 9, 2017.  
Lessor: Marjorie Deines and Stephen Deines, her husband.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 1102, Page 639, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 24:

Dated: April 1, 2018.  
Lessor: Deborah Dare Holton, formerly known as Deborah Dare Lammermann, dealing in her sole and separate property.  
Lessee: Mewbourne Oil Company.  
Recorded: Book 1107, Page 216, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 28: SW/4SE/4, containing 40.00 acres, more or less.

Lease No. 25:

Dated: July 29, 2011.  
Recorded: Memo recorded in Book 866, page 901 Eddy County Records.  
Lessor: Estate of John Guitar III, Deceased.  
Lessee: OGX Resources LLC.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 28: (1) that part of the SW4NE4 lying West and South of the AT & SF RR right of way, containing 30.61 acres, more or less, (2) that part of the SE4NE4 lying South and West of the AT & SF RR right of way, containing 1 acre, more or less.

Lease No. 26:

Dated: November 20, 2007.  
Recorded: Book 744, page 692 Eddy County Records.  
Lessor: Pardue Limited Company.  
Lessee: Tierra Oil Company, LLC.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 28: (i) SW4NW4SE4, (ii) SE4NE4, and (iii) that part of the NE4SE4 and SW4NE4 lying North and East of the center line of the AT&SF RR right of way.

Lease No. 27:

Dated: January 30, 1997.  
Recorded: Book 273, page 65 Eddy County Records.  
Lessor: Frank L. London, a single man.  
Lessee: BK Exploration Corporation.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: N/2NE/4, containing 80.0 acres, more or less.

Lease No. 28:

Dated: January 30, 1997.  
Recorded: Book 273, page 11 Eddy County Records.  
Lessor: A.C. and Katy S. Burkham.  
Lessee: BK Exploration Corporation.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: N/2NE/4, containing 80.0 acres, more or less.

Lease No. 29:

Dated: August 24, 1977.  
Recorded: Book 149, page 565 Miscellaneous Records.  
Lessor: Kenneth Holmquist, Charles Holmquist, and Walter Bert Holmquist.  
Lessee: Cities Service Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: S/2NE/4, containing 80 acres, more or less.

Lease No. 30:

Dated: November 8, 1977.  
Recorded: Book 152, page 67 Miscellaneous Records.  
Lessor: T.J. Kimbley and Doris Ogden Kimbley.  
Lessee: Cities Service Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: S/2NE/4, containing 80 acres, more or less.

Lease No. 31:

Dated: November 15, 1990.  
Recorded: Book 82, page 1167 Eddy County Records.  
Lessor: James C. Wyman, Jr. and his wife, Pauline E. Wyman.  
Lessee: James H. Isbell.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: E/2SE/4, containing 80 acres, more or less, from the surface to the  
base of the Bone Spring Formation, stated to be expected to be encountered at  
approximately 8,000 feet subsurface.

Lease No. 32:

Dated: November 30, 1990.  
Recorded: Book 83, page 888 Eddy County Records.  
Lessor: James P. Riggs.  
Lessee: James H. Isbell.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: E/2SE/4, containing 80 acres, more or less, from the surface to 8,000  
feet subsurface.

Lease No. 33:

Dated: November 30, 1990.  
Recorded: Book 83, page 314 Eddy County Records.  
Lessor: Royce A. Scott and wife, Janace M. Scott.  
Lessee: James H. Isbell.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: E/2SE/4, containing 80 acres, more or less, from the surface to 8,000  
feet subsurface.

Lease No. 34:

Dated: December 17, 2013.  
Recorded: Book 983, page 652 Eddy County Records.  
Lessor: James Clayton Wyman, Jr. and Pauline Evans Wyman, Trustees of the James  
Clayton Wyman, Jr. and Pauline Evans Wyman Revocable Living Trust U/T/A  
dated 2-16-1996.  
Lessee: Mewbourne Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: SE/4SE/4, containing 40 acres, more or less, below all depths below  
8,000 feet subsurface.

Lease No. 35:

Dated: August 1, 2014.  
Recorded: Book 987, page 53 Eddy County Records.  
Lessor: James Clayton Wyman, Jr. and Pauline Evans Wyman, Trustees of the James  
Clayton Wyman, Jr. and Pauline Evans Wyman Revocable Living Trust dated  
2-16-1996.  
Lessee: Trek Operating, LLC.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: NE/4SE/4, containing 40 acres, more or less.

Lease No. 36:

Dated: May 9, 2014.  
Recorded: Book 980, page 1056 Eddy County Records.  
Lessor: Richard A. Pulley, Trustee of the James P. Riggs Living Trust Under Written  
Agreement dated March 8, 1995.  
Lessee: Mewbourne Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: E/2SE/4, containing 80 acres, more or less, below all depths below  
8,000 feet subsurface.

Lease No. 37:

Dated: July 7, 2014.  
 Recorded: Book 977, page 764 Eddy County Records.  
 Lessor: Wesley Royce Scott and wife, Andrea Wyn Harniss Scott; Kirby Randall Scott and wife, Tammy Lenny White Scott; Stephanie Marie Scott Harper and husband, John Robert Harper; Charlotte Renee Scott Longley and husband, David Wayne Longley; and Nathan Arnold Scott, a single man.  
 Lessee: Mewbourne Oil Company.  
 Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: E/2SE/4, containing 80 acres, more or less, below all depths below 8,000 feet subsurface.

Lease No. 38:

Dated: April 16, 2014.  
 Recorded: Book 977, page 764 Eddy County Records.  
 Lessor: Pardue Limited Company.  
 Lessee: Mewbourne Oil Company.  
 Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: NW/4SE/4 and also lots 1-10 and 17-20, Block 75, Lots 7, 9, and 11 of Block 77, Lots 3-12 of Block 78, Lots 1, 3, 5, 7, 9, 11, and 13, being all of Block 81, and Lots 1-14, being all of Block 82, of the Beeman Subdivision of Loving, New Mexico, containing 54.744651 acres, more or less.

Lease No. 39:

Dated: December 17, 2013.  
 Recorded: Book 983, page 366, Eddy County Records.  
 Lessor: Nelda F. Morris, surviving Trustee of the John W. Morris and Nelda F. Morris Revocable Trust dated July 16, 2007.  
 Lessee: Mewbourne Oil Company.  
 Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: NW/4SE/4, containing 40 acres, more or less.

Lease No. 40:

Dated: April 22, 2013.  
 Recorded: Book 934, page 232 Eddy County Records.  
 Lessor: Noble E. Yarbrow, acting as power of attorney for Clara Mae Yarbrow.  
 Lessee: Tierra Oil Company, LLC.  
 Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: A tract of land being described as follows: Beginning at the Northwest corner of the SW/4SE/4, thence East along the North line of said SW/4SE/4 a distance of 166 feet; thence South, parallel to the West line of the said SW/3SE/4 a distance of 209.7 feet; thence West along the extension of the South line of the alley in Block 75 of the Beeman Subdivision as shown on the Plat on file in the Office of the County Clerk of Eddy County, New Mexico, a distance of 166 feet to the West line of said SW/4SE/4; thence North along the West line of said SW/4SE/4 a distance of 209.8 feet to the point of beginning, containing 0.8 acres, more or less.

Lease No. 41:

Dated: April 22, 2013.  
 Recorded: Book 938, page 676 Eddy County Records.  
 Lessor: Charles William Duncan and Georgia Sue Duncan, his wife.  
 Lessee: Tierra Oil Company, LLC.  
 Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: A tract of land being described as follows: Beginning at the Northwest corner of the SW/4SE/4, thence South a distance of 209.7 feet to the point of beginning of the tract herein described; thence South a distance of 178.5 feet, thence East a distance of 166 feet; thence North a distance of 178.5 feet; thence West along the extension of the South line of alley in Block 75 of the Beeman Subdivision a distance of 166 feet to the point of beginning, containing 0.680234 acres more or less.

Lease No. 42:

Dated: April 22, 2013.  
Recorded: Book 935, page 800 Eddy County Records.  
Lessor: Christina M. Landham.  
Lessee: Tierra Oil Company, LLC.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: Lots 1, 3, and 5 in Block 9 of the Snyder Subdivision of the Town of Loving, New Mexico.

Lease No. 43:

Dated: June 22, 2016.  
Recorded: Book 1081, page 156 Eddy County Records.  
Lessor: Ramon C. Gonzalez, Sr. and Elodia A. Gonzalez, husband and wife.  
Lessee: Kaiser-Francis Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: Lots 2 and 4 in Block 22 of the Snyder Subdivision of the Town of Loving, New Mexico.

Lease No. 44:

Dated: July 9, 2016.  
Recorded: Book 1081, page 49 Eddy County Records.  
Lessor: Gloria Ornelas, a single woman.  
Lessee: Kaiser-Francis Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: Lots 16 and 18 in Block 22 of the Snyder Subdivision of the Town of Loving, New Mexico.

Lease No. 45:

Dated: June 20, 2016.  
Recorded: Book 1081, page 91 Eddy County Records.  
Lessor: Benjamin A. Chavez and Rosa A. Chavez, husband and wife.  
Lessee: Kaiser-Francis Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: Lot 14, Block 75 of the Beeman Subdivision of the Town of Loving, New Mexico, among other lands not covered hereby.

Lease No. 46:

Dated: February 15, 2017.  
Recorded: Book 1092, page 274 Eddy County Records.  
Lessor: Chalcam Exploration LLC.  
Lessee: Mewbourne Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: A tract of land beginning at the Southeast corner of SW4SE4 of Section 21; thence North along the East line of said SW4SE4 distance 1325.9 feet; thence West 472.7 feet; thence South 414.5 feet; thence West 60 feet; thence South 914.3 feet; thence East to the point of beginning, LESS a tract described as; beginning at the Northeast corner of SW4SE4 Section 21, thence West along the North Line of said SW4SE4, a distance of 472.7 feet, thence South a distance of 414.5 feet; thence West a distance of 60 feet; thence South a distance of 244 feet; thence East a distance of 532 feet, more or less, to the East line of said SW4SE4; thence North a distance of 658.5 feet to the point of beginning, containing 8.625 acres, more or less.

Lease No. 47:

Dated: February 1, 2017.  
Recorded: Book 1092, page 275 Eddy County Records.  
Lessor: Pete V. Martinez and Barbara J. Mendoza, joint tenants.  
Lessee: Mewbourne Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: Lots 6 and 8, Snyder Addition to the town of Loving, out of SW4SE4,  
containing 0.257 acres, more or less.

Lease No. 48:

Dated: March 2, 2017.  
Recorded: Book 1093, page 55 Eddy County Records.  
Lessor: Frank A. Rodriguez.  
Lessee: Mewbourne Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: a tract of land in the SW4SE4 beginning at a point on the West  
boundary line of said SW4SE4, which is 630.95 feet South of the NW corner of  
said 40 acre subdivision; thence East parallel to the North boundary line of said  
40 acre subdivision, a distance of 166 feet; thence South a distance of 105.5 feet;  
thence West parallel to the North boundary line of said 40 acre subdivision, a  
distance of 166 feet; thence North a distance of 105.5 feet to the point of  
beginning, containing 0.426 acres, more or less.

Lease No. 49:

Dated: February 15, 2017.  
Recorded: Book 1093, page 56 Eddy County Records.  
Lessor: Olga C. Rodriguez.  
Lessee: Mewbourne Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: a tract of land in the SW4SE4 beginning at a point on the West  
boundary line of said SW4SE4, which is 630.95 feet South of the NW corner of  
said 40 acre subdivision; thence East parallel to the North boundary line of said  
40 acre subdivision, a distance of 166 feet; thence South a distance of 105.5 feet;  
thence West parallel to the North boundary line of said 40 acre subdivision, a  
distance of 166 feet; thence North a distance of 105.5 feet to the point of  
beginning, containing 0.426 acres, more or less.

Lease No. 50:

Dated: March 2, 1017.  
Recorded: Book 1097, page 848 Eddy County Records.  
Lessor: Olga C. Rodriguez.  
Lessee: Mewbourne Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: a tract of land in the SW4SE4 beginning at a point on the West  
boundary line of said SW4SE4 which is 388.2 feet South of the NW corner of  
said 40 acre subdivision, thence East 56 feet for a point of beginning; thence East  
a distance of 110 feet; thence South a distance of 190 feet; thence West a distance  
of 110 feet east and west and 190 feet north and south, containing 0.523 acres,  
more or less.

End of Exhibit "A"

**DESIGNATION OF POOLED UNIT**  
**STARSHIP 28-21 WOOB FEE #1H**

**KNOW ALL MEN BY THESE PRESENTS:**

1. Exhibit "A" attached hereto describes Oil and Gas Leases (hereinafter collectively referred to as "Leases") covering all or part of the mineral interest in the lands described in connection with each such Lease, as well as the record owner and recording information with respect to each such Lease as reflected by the records of the County Clerk of Eddy County, New Mexico.

2. The Leases collectively cover all lands comprising the E2 of Section 28 and the E2 of Section 21, Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico, which is to be the pooled unit designated hereinbelow.

3. Each of the Leases contains a pooling provision. Said pooling provisions are incorporated herein by reference to the recorded Lease, with the recording data being set forth on Exhibit "A" hereto; and the record owners of said Leases hereby desire to pool said Leases to form a spacing unit comprising the E2 of Section 28 and the E2 of Section 21, Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico to be dedicated to the Starship 28-21 WOOB Fee #1H well, API # 30-015-46353, located 215 feet FSL and 1,200 feet FEL of said Section 28, or any other well located on said unit, for the production of oil and gas from the Wolfcamp formation only.

NOW, THEREFORE, the undersigned record owners of the Leases do hereby pool or combine the Leases pursuant to the pooling authority contained therein to form a spacing unit consisting of the following described lands (the "Unit Lands") in Eddy County, New Mexico:

**Township 23 South, Range 28 East, N.M.P.M.**

Section 28: E2

Section 21: E2

Containing 640 acres, more or less;

Said spacing unit (the "Unit") is to be dedicated to Mewbourne Oil Company's Starship 28-21 WOOB Fee #1H well, API # 30-015-46353, located 215 feet FSL and 1,200 feet FEL of said Section 28, or any other well located on said unit, for the production of oil and gas from the Wolfcamp Formation only, being the stratigraphic equivalent of 9,421' to 10,853' beneath the surface, as defined in the Dual Later/Micro Laterlog well log run in the Cavalier #1 well located 2,310 feet FSL & 1,650 feet FEL of section 28, T23S R28E, Eddy County, New Mexico, API #30-015-23522.

Additional oil and gas leases, or other interests not described on Exhibit "A" hereto may be committed to this Designation of Pooled Unit from time to time insofar and only insofar as such additional leases or interest may cover lands lying within the E2 of Section 28 and E2 of Section 21, Township 23 South, Range 28 East, N.M.P.M, Eddy County, New Mexico. Any such commitment shall be effective as of the effective date of this Designation of Pooled Unit and an appropriate joinder and ratification instrument shall be executed by each party committing a lease or interest of said Designation of Pooled Unit and accepted by Mewbourne Oil Company, the Designated Operator of said pooled unit, or any other successor operator of said pooled unit.

Production, drilling, reworking or other operations, or the payment of shut-in royalty in connection with any well drilled anywhere on the Unit shall (for the purpose of maintaining the Leases), be deemed to constitute operations or production from all of the Leases and all of the Unit Lands and shall maintain each of the Leases in



force and effect as to all of the Unit Lands. Separate tracts of land within the Unit shall be allocated a pro rata portion of the oil and/or gas produced from the Unit (after deducting that portion used for operations on the Unit) in the proportion that the number of surface acres in each separate tract, and included in the Unit, bears to the total number of surface acres included in the Unit.

This Designation of Pooled Unit may be executed or ratified by any of the persons owning leasehold interests, unleased mineral interest, or other interests in lands comprising part of the pooled unit designated herein, and such execution or ratification shall be binding upon all persons executing or ratifying same whether or not all interest owners execute this Designation of Pooled Unit or Ratifications thereof.

This instrument may be executed in multi-counterparts, no one of which need be executed by all parties hereto and the same shall be binding upon those parties who execute whether or not all named parties join in execution hereof. Counterparts thus executed shall together constitute but one and the same instrument. In the interest of facilitating filing or recording this instrument thus executed in multi-counterparts each executing party hereby authorizes removal of signature and acknowledgement pages and reassembly of the same into a single document composed of one copy of the substantive portions of this instrument attached to multiple separately executed signature and acknowledgement pages.

If, at any time, any tract of land or interest within the Unit is not properly pooled or unitized by this Designation, or is not otherwise committed to the Unit, such fact shall not affect, terminate, impair, or invalidate the Unit as to any interest that is properly pooled or unitized.

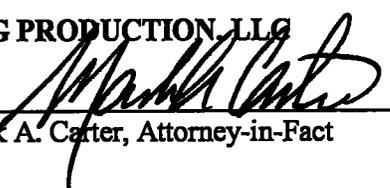
This Designation covers all production (oil, gas and associated and constituent hydrocarbons) from any well producing from the Unit, except to the extent of any well(s) expressly excluded from the Unit, without regard to whether the surface hole location of such producing well is located on the Unit Lands or on an off-site surface location.

Executed as of the date of acknowledgments found below, but effective as of the date of first production from the Unit, or from the date operations are commenced anywhere on the Unit, whichever occurs first, and shall remain in force as long as the pooled minerals are being produced from the Unit or so long as the Leases are maintained in force by payment or tender of shut-in royalties or by other means, in accordance with the terms of the Leases, or the Unit is terminated by the undersigned or their successors or assigns..

**MEWBOURNE OIL COMPANY**

By: \_\_\_\_\_  
Corey Mitchell, Attorney-in-Fact

**COG PRODUCTION, LLC**

By:   
Mark A. Carter, Attorney-in-Fact

**MRC PERMIAN COMPANY**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**MRC PERMIAN LKE COMPANY, LLC**

By: \_\_\_\_\_  
Craig N. Adams, Executive Vice President

**TIERRA OIL COMPANY, LLC**

By: \_\_\_\_\_  
W. Chris Barnhill, President

**ALPHA ENERGY PARTNERS, LLC**

By: \_\_\_\_\_  
P. Nick Maxwell, Chief Executive Officer

**PRISM ENERGY, LLC**

By: \_\_\_\_\_  
Gregory Petruska, Managing Member

**SKYHOUSE, LLC**

By: \_\_\_\_\_  
Robert G. Laughner, President

**BTA OIL PRODUCERS, LLC**

By: \_\_\_\_\_  
Barry Beal, Jr., Managing Member

**KAISER-FRANCIS OIL COMPANY**

By: \_\_\_\_\_  
Wayne A. Fields, Attorney-in-Fact

By: \_\_\_\_\_  
Martha Vasquez Ybarra

By: \_\_\_\_\_  
Manuel Ybarra

**ACKNOWLEDGEMENTS**

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_ day of February, 2020 by Corey Mitchell, Attorney-in-Fact for MEWBOURNE OIL COMPANY, a Delaware Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

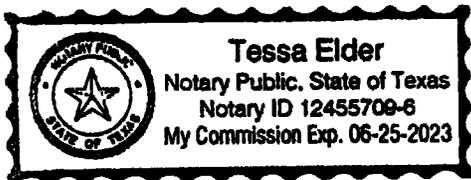
STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this 21<sup>st</sup> day of July, 2020 by Mark A. Carter, Attorney-in-Fact for COG PRODUCTION, LLC, a Texas limited liability company, on behalf of said limited liability company.

Tessa Elder  
Notary Public, State of Texas

My Commission Expires: 6/25/2023



STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this \_\_\_ day of \_\_\_\_\_, 2020 by Craig N. Adams, Executive Vice President of MRC PERMIAN COMPANY, a Texas Corporation on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Craig N. Adams, Executive Vice President of **MRC PERMIAN LKE COMPANY, LLC**, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF NEW MEXICO

COUNTY OF SANTA FE

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by W. Chris Barnhill, President of **TIERRA OIL COMPANY, LLC**, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of New Mexico

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by P. Nick Maxwell, Chief Executive Officer of **ALPHA ENERGY PARTNERS, LLC**, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF COLORADO

COUNTY OF ARAPAHOE

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Gregory Petruska, Managing Member of **PRISM ENERGY, LLC**, a Colorado limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Colorado

My Commission Expires: \_\_\_\_\_

STATE OF MONTANA

COUNTY OF GALLATIN

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Robert G. Laughner, President of **SKYHOUSE, LLC**.

\_\_\_\_\_  
Notary Public, State of Montana

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Barry Beal, Jr., Managing Member of **BTA OIL PRODUCERS, LLC**, a Texas limited liability company on behalf of said limited liability company.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF OKLAHOMA

COUNTY OF TULSA

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Wayne A. Fields, Attorney-in-Fact for **KAISER-FRANCIS OIL COMPANY**.

\_\_\_\_\_  
Notary Public, State of Oklahoma

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Martha Vasquez Ybarra.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this \_\_\_\_ day of \_\_\_\_\_, 2020 by Manuel Ybarra.

\_\_\_\_\_  
Notary Public, State of Texas

My Commission Expires: \_\_\_\_\_

**EXHIBIT "A"**

Attached to and made part of that certain Designation of Pooled Unit effective February 15, 2020, by and between Mewbourne Oil Company, as Operator, and COG Production, LLC, et al, as Non-Operator regarding the Starship 28-21 W00B Fee #1H well.

**Lease No. 1:**

Dated: January 20, 1991.  
Lessor: John Guitar, III, dealing in his separate property.  
Lessee: James H. Isbell.  
Recorded: Book 87, Page 709, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: N/2NE/4 North and East of the AT&SF Ry. Co. Right-of-Way, containing 80.00 acres, more or less.

**Lease No. 2:**

Dated: January 5, 2018.  
Lessor: Judy Uhey, Sharon Ellis, Sally Guitar, and Melissa McGee.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 1102, Page 638, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers: (i) that part of the NE/4SE/4 lying South and West of the AT&SF RR Right-of-Way, (ii) NW/4NW/4SE/4, and (iii) the subsurface rights below the stratigraphic equivalent of the subsurface depth of 7326' in the COG Production LLC Falcon 28 1H in that part of the S/2NE/4 lying West and South of the AT&SF RR Right-of-Way containing 63.343164 acres, more or less.

**Lease No. 3:**

Dated: October 15, 2015.  
Lessor: Pardue Limited Company.  
Lessee: BC Operating, Inc.  
Recorded: Book 1050, Page 1202, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: SE/4NE/4 and that part of the SW/4NE/4 lying East and North of the AT&SF Right-of-Way, containing 46.698731 acres, more or less.

**Lease No. 4:**

Dated: February 24, 2017.  
Lessor: Pardue Limited Company.  
Lessee: Featherstone Development Corporation.  
Recorded: Book 1092, Page 296, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: SW/4NW/4SE/4 and that part of the NE/4SE/4 lying North and East of the center line of the AT&SF Right-of-Way, containing 29.958105 acres, more or less.

**Lease No. 5:**

Dated: October 15, 2016.  
Lessor: Mildred B. Langston, Sole Trustee of the Mildred B. Langston Revocable Trust.  
Lessee: Mewbourne Oil Company.  
Recorded: Book 1088, Page 939, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: NE/4NW/4SE/4, containing 10.00 acres, more or less.

Lease No. 6:

Dated: July 15, 2015.  
Lessor: Merland, Inc..  
Lessee: Featherstone Development Corporation.  
Recorded: Book 1032, Page 34, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SE/4NW/4SE/4,  
containing 10.00 acres, more or less.

Lease No. 7:

Dated: February 19, 2014.  
Lessor: Maria Gutierrez.  
Lessee: Gabler Energy Investments, LLC.  
Recorded: Book 971, Page 572, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: SE/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 8:

Dated: February 19, 2014.  
Lessor: Alberto H. Gutierrez.  
Lessee: Gabler Energy Investments, LLC.  
Recorded: Book 971, Page 576, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: SE/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 9:

Dated: May 13, 2008.  
Lessor: Mary Jones Leonard, Trustee of the Mary Rose Leonard Revocable  
Trust utu dated 11/10/05.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 744, Page 682, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 10:

Dated: April 29, 2008.  
Lessor: Kenneth H. Jordan, Trustee of the Jones & Jordan Mineral Trust No. 5-2.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 744, Page 747, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 11:

Dated: April 28, 2008.  
Lessor: Delilah Mae Jones Jackson, dealing in her separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 744, Page 744, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

**Lease No. 12:**

Dated: July 28, 2008.  
Lessor: Earl H. Cochell, a widower dealing in his separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 754, Page 1119, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

**Lease No. 13:**

Dated: October 8, 2008.  
Lessor: Kayla Marie Larson and Charles L. Cassidy, Trustees of the Cassidy Enterprises "A" Trust utd dated May 5, 1981.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 754, Page 1107, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

**Lease No. 14:**

Dated: April 10, 2015.  
Lessor: Chad Michael Lammerman, dealing in his separate property.  
Lessee: BC Operating, Inc.  
Recorded: Book 1025, Page 1075, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

**Lease No. 15:**

Dated: May 23, 2008.  
Lessor: Billie Ann Condy, dealing in her separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 744, Page 684, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

**Lease No. 16:**

Dated: April 28, 2008.  
Lessor: Stephen J. Lammerman, dealing in his separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 744, Page 742, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

**Lease No. 17:**

Dated: May 26, 2009.  
Lessor: George Arthur Lakey.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 770, Page 994, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 18:

Dated: May 26, 2009.  
Lessor: Diane Lakey Webster, a single woman dealing in her separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 770, Page 992, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 19:

Dated: October 1, 2008.  
Lessor: Charles D. Jones, dealing in his separate property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 756, Page 716, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 20:

Dated: January 4, 2018.  
Lessor: Kimberly Rose Jordan.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 1102, Page 640, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 21:

Dated: October 1, 2008.  
Lessor: Steven Douglas Jones, Trustee of the Kathryn A. Jones Living Trust utd  
dated February 4, 1999, and as an individual dealing in his separate  
property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 756, Page 714, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 22:

Dated: October 1, 2008.  
Lessor: David Randall Jones, Trustee of the Kathryn A. Jones Living Trust utd  
dated February 4, 1999, and as an individual dealing in his separate  
property.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 756, Page 712, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 23:

Dated: November 9, 2017.  
Lessor: Marjorie Deines and Stephen Deines, her husband.  
Lessee: Tierra Oil Company, LLC.  
Recorded: Book 1102, Page 639, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 28: ONLY insofar as the lease covers the SW/4SE/4,  
containing 40.00 acres, more or less.

Lease No. 24:

Dated: April 1, 2018.  
Lessor: Deborah Dare Holton, formerly known as Deborah Dare Lammermann, dealing in her sole and separate property.  
Lessee: Mewbourne Oil Company.  
Recorded: Book 1107, Page 216, Eddy County Records.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 28: SW/4SE/4, containing 40.00 acres, more or less.

Lease No. 25:

Dated: July 29, 2011.  
Recorded: Memo recorded in Book 866, page 901 Eddy County Records.  
Lessor: Estate of John Guitar III, Deceased.  
Lessee: OGX Resources LLC.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 28: (1) that part of the SW4NE4 lying West and South of the AT & SF RR right of way, containing 30.61 acres, more or less, (2) that part of the SE4NE4 lying South and West of the AT & SF RR right of way, containing 1 acre, more or less.

Lease No. 26:

Dated: November 20, 2007.  
Recorded: Book 744, page 692 Eddy County Records.  
Lessor: Pardue Limited Company.  
Lessee: Tierra Oil Company, LLC.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 28: (i) SW4NW4SE4, (ii) SE4NE4, and (iii) that part of the NE4SE4 and SW4NE4 lying North and East of the center line of the AT&SF RR right of way.

Lease No. 27:

Dated: January 30, 1997.  
Recorded: Book 273, page 65 Eddy County Records.  
Lessor: Frank L. London, a single man.  
Lessee: BK Exploration Corporation.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: N/2NE/4, containing 80.0 acres, more or less.

Lease No. 28:

Dated: January 30, 1997.  
Recorded: Book 273, page 11 Eddy County Records.  
Lessor: A.C. and Katy S. Burkham.  
Lessee: BK Exploration Corporation.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: N/2NE/4, containing 80.0 acres, more or less.

Lease No. 29:

Dated: August 24, 1977.  
Recorded: Book 149, page 565 Miscellaneous Records.  
Lessor: Kenneth Holmquist, Charles Holmquist, and Walter Bert Holmquist.  
Lessee: Cities Service Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: S/2NE/4, containing 80 acres, more or less.

Lease No. 30:

Dated: November 8, 1977.  
Recorded: Book 152, page 67 Miscellaneous Records.  
Lessor: T.J. Kimbley and Doris Ogden Kimbley.  
Lessee: Cities Service Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: S/2NE/4, containing 80 acres, more or less.

Lease No. 31:

Dated: November 15, 1990.  
Recorded: Book 82, page 1167 Eddy County Records.  
Lessor: James C. Wyman, Jr. and his wife, Pauline E. Wyman.  
Lessee: James H. Isbell.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: E/2SE/4, containing 80 acres, more or less, from the surface to the base of the Bone Spring Formation, stated to be expected to be encountered at approximately 8,000 feet subsurface.

Lease No. 32:

Dated: November 30, 1990.  
Recorded: Book 83, page 888 Eddy County Records.  
Lessor: James P. Riggs.  
Lessee: James H. Isbell.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: E/2SE/4, containing 80 acres, more or less, from the surface to 8,000 feet subsurface.

Lease No. 33:

Dated: November 30, 1990.  
Recorded: Book 83, page 314 Eddy County Records.  
Lessor: Royce A. Scott and wife, Janace M. Scott.  
Lessee: James H. Isbell.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: E/2SE/4, containing 80 acres, more or less, from the surface to 8,000 feet subsurface.

Lease No. 34:

Dated: December 17, 2013.  
Recorded: Book 983, page 652 Eddy County Records.  
Lessor: James Clayton Wyman, Jr. and Pauline Evans Wyman, Trustees of the James Clayton Wyman, Jr. and Pauline Evans Wyman Revocable Living Trust U/T/A dated 2-16-1996.  
Lessee: Mewbourne Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: SE/4SE/4, containing 40 acres, more or less, below all depths below 8,000 feet subsurface.

Lease No. 35:

Dated: August 1, 2014.  
Recorded: Book 987, page 53 Eddy County Records.  
Lessor: James Clayton Wyman, Jr. and Pauline Evans Wyman, Trustees of the James Clayton Wyman, Jr. and Pauline Evans Wyman Revocable Living Trust dated 2-16-1996.  
Lessee: Trek Operating, LLC.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: NE/4SE/4, containing 40 acres, more or less.

Lease No. 36:

Dated: May 9, 2014.  
Recorded: Book 980, page 1056 Eddy County Records.  
Lessor: Richard A. Pulley, Trustee of the James P. Riggs Living Trust Under Written Agreement dated March 8, 1995.  
Lessee: Mewbourne Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: E/2SE/4, containing 80 acres, more or less, below all depths below 8,000 feet subsurface.

**Lease No. 37:**

**Dated:** July 7, 2014.  
**Recorded:** Book 977, page 764 Eddy County Records.  
**Lessor:** Wesley Royce Scott and wife, Andrea Wyn Harniss Scott; Kirby Randall Scott and wife, Tammy Lenny White Scott; Stephanie Marie Scott Harper and husband, John Robert Harper; Charlotte Renee Scott Longley and husband, David Wayne Longley; and Nathan Arnold Scott, a single man.  
**Lessee:** Mewbourne Oil Company.  
**Lands:** Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: E/2SE/4, containing 80 acres, more or less, below all depths below 8,000 feet subsurface.

**Lease No. 38:**

**Dated:** April 16, 2014.  
**Recorded:** Book 977, page 764 Eddy County Records.  
**Lessor:** Pardue Limited Company.  
**Lessee:** Mewbourne Oil Company.  
**Lands:** Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: NW/4SE/4 and also lots 1-10 and 17-20, Block 75, Lots 7, 9, and 11 of Block 77, Lots 3-12 of Block 78, Lots 1, 3, 5, 7, 9, 11, and 13, being all of Block 81, and Lots 1-14, being all of Block 82, of the Beeman Subdivision of Loving, New Mexico, containing 54.744651 acres, more or less.

**Lease No. 39:**

**Dated:** December 17, 2013.  
**Recorded:** Book 983, page 366, Eddy County Records.  
**Lessor:** Nelda F. Morris, surviving Trustee of the John W. Morris and Nelda F. Morris Revocable Trust dated July 16, 2007.  
**Lessee:** Mewbourne Oil Company.  
**Lands:** Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: NW/4SE/4, containing 40 acres, more or less.

**Lease No. 40:**

**Dated:** April 22, 2013.  
**Recorded:** Book 934, page 232 Eddy County Records.  
**Lessor:** Noble E. Yarbrow, acting as power of attorney for Clara Mae Yarbrow.  
**Lessee:** Tierra Oil Company, LLC.  
**Lands:** Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: A tract of land being described as follows: Beginning at the Northwest corner of the SW/4SE/4, thence East along the North line of said SW/4SE/4 a distance of 166 feet; thence South, parallel to the West line of the said SW/3SE/4 a distance of 209.7 feet; thence West along the extension of the South line of the alley in Block 75 of the Beeman Subdivision as shown on the Plat on file in the Office of the County Clerk of Eddy County, New Mexico, a distance of 166 feet to the West line of said SW/4SE/4; thence North along the West line of said SW/4SE/4 a distance of 209.8 feet to the point of beginning, containing 0.8 acres, more or less.

**Lease No. 41:**

**Dated:** April 22, 2013.  
**Recorded:** Book 938, page 676 Eddy County Records.  
**Lessor:** Charles William Duncan and Georgia Sue Duncan, his wife.  
**Lessee:** Tierra Oil Company, LLC.  
**Lands:** Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico Section 21: A tract of land being described as follows: Beginning at the Northwest corner of the SW/4SE/4, thence South a distance of 209.7 feet to the point of beginning of the tract herein described; thence South a distance of 178.5 feet, thence East a distance of 166 feet; thence North a distance of 178.5 feet; thence West along the extension of the South line of alley in Block 75 of the Beeman Subdivision a distance of 166 feet to the point of beginning, containing 0.680234 acres more or less.

Lease No. 42:

Dated: April 22, 2013.  
Recorded: Book 935, page 800 Eddy County Records.  
Lessor: Christina M. Landham.  
Lessee: Tierra Oil Company, LLC.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: Lots 1, 3, and 5 in Block 9 of the Snyder Subdivision of the Town of Loving, New Mexico.

Lease No. 43:

Dated: June 22, 2016.  
Recorded: Book 1081, page 156 Eddy County Records.  
Lessor: Ramon C. Gonzalez, Sr. and Elodia A. Gonzalez, husband and wife.  
Lessee: Kaiser-Francis Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: Lots 2 and 4 in Block 22 of the Snyder Subdivision of the Town of Loving, New Mexico.

Lease No. 44:

Dated: July 9, 2016.  
Recorded: Book 1081, page 49 Eddy County Records.  
Lessor: Gloria Ornelas, a single woman.  
Lessee: Kaiser-Francis Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: Lots 16 and 18 in Block 22 of the Snyder Subdivision of the Town of Loving, New Mexico.

Lease No. 45:

Dated: June 20, 2016.  
Recorded: Book 1081, page 91 Eddy County Records.  
Lessor: Benjamin A. Chavez and Rosa A. Chavez, husband and wife.  
Lessee: Kaiser-Francis Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: Lot 14, Block 75 of the Beeman Subdivision of the Town of Loving, New Mexico, among other lands not covered hereby.

Lease No. 46:

Dated: February 15, 2017.  
Recorded: Book 1092, page 274 Eddy County Records.  
Lessor: Chalcam Exploration LLC.  
Lessee: Mewbourne Oil Company.  
Lands: Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: A tract of land beginning at the Southeast corner of SW4SE4 of Section 21; thence North along the East line of said SW4SE4 distance 1325.9 feet; thence West 472.7 feet; thence South 414.5 feet; thence West 60 feet; thence South 914.3 feet; thence East to the point of beginning, LESS a tract described as; beginning at the Northeast corner of SW4SE4 Section 21, thence West along the North Line of said SW4SE4, a distance of 472.7 feet, thence South a distance of 414.5 feet; thence West a distance of 60 feet; thence South a distance of 244 feet; thence East a distance of 532 feet, more or less, to the East line of said SW4SE4; thence North a distance of 658.5 feet to the point of beginning, containing 8.625 acres, more or less.

**Lease No. 47:**

**Dated:** February 1, 2017.  
**Recorded:** Book 1092, page 275 Eddy County Records.  
**Lessor:** Pete V. Martinez and Barbara J. Mendoza, joint tenants.  
**Lessee:** Mewbourne Oil Company.  
**Lands:** Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: Lots 6 and 8, Snyder Addition to the town of Loving, out of SW4SE4,  
containing 0.257 acres, more or less.

**Lease No. 48:**

**Dated:** March 2, 2017.  
**Recorded:** Book 1093, page 55 Eddy County Records.  
**Lessor:** Frank A. Rodriguez.  
**Lessee:** Mewbourne Oil Company.  
**Lands:** Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: a tract of land in the SW4SE4 beginning at a point on the West  
boundary line of said SW4SE4, which is 630.95 feet South of the NW corner of  
said 40 acre subdivision; thence East parallel to the North boundary line of said  
40 acre subdivision, a distance of 166 feet; thence South a distance of 105.5 feet;  
thence West parallel to the North boundary line of said 40 acre subdivision, a  
distance of 166 feet; thence North a distance of 105.5 feet to the point of  
beginning, containing 0.426 acres, more or less.

**Lease No. 49:**

**Dated:** February 15, 2017.  
**Recorded:** Book 1093, page 56 Eddy County Records.  
**Lessor:** Olga C. Rodriguez.  
**Lessee:** Mewbourne Oil Company.  
**Lands:** Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: a tract of land in the SW4SE4 beginning at a point on the West  
boundary line of said SW4SE4, which is 630.95 feet South of the NW corner of  
said 40 acre subdivision; thence East parallel to the North boundary line of said  
40 acre subdivision, a distance of 166 feet; thence South a distance of 105.5 feet;  
thence West parallel to the North boundary line of said 40 acre subdivision, a  
distance of 166 feet; thence North a distance of 105.5 feet to the point of  
beginning, containing 0.426 acres, more or less.

**Lease No. 50:**

**Dated:** March 2, 2017.  
**Recorded:** Book 1097, page 848 Eddy County Records.  
**Lessor:** Olga C. Rodriguez.  
**Lessee:** Mewbourne Oil Company.  
**Lands:** Township 23 South, Range 28 East, N.M.P.M., Eddy County, New Mexico  
Section 21: a tract of land in the SW4SE4 beginning at a point on the West  
boundary line of said SW4SE4 which is 388.2 feet South of the NW corner of  
said 40 acre subdivision, thence East 56 feet for a point of beginning; thence East  
a distance of 110 feet; thence South a distance of 190 feet; thence West a distance  
of 110 feet east and west and 190 feet north and south, containing 0.523 acres,  
more or less.

End of Exhibit "A"

MEWBOURNE OIL COMPANY  
4801 Business Park Blvd  
Hobbs, NM 88240  
575-393-5905

September 15, 2020

Engineering Bureau  
New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

RE: Application for CTB

To: Whom It May Concern

Mewbourne Oil Company ("Mewbourne") is requesting permission to surface commingle production from 4 wells located on Fee Leases, which comprise portions of Section 21 & 28, T23S, R28E, Eddy County, New Mexico. All oil production from these wells is to be stored in a Central Tank Battery, located in the SESE of said Section 28 and the gas production from these wells will flow to a Sendero Master Meter #10108 located on-site. Information detailing each well is attached.

Please find the following enclosed:

Cover Letter  
Commingle Summary Page  
Form C102 of wells & battery  
Detailed Maps: lease boundaries & facility locations  
Facility Diagram  
Application Checklist  
Form C-107B  
Copy of letter sent certified to all involved parties  
List of all involved parties

Signed:



Printed Name: Joe Bryand  
Title: Senior Production Engineer  
Date: 9/15/2020

## APPLICATION FOR COMMINGLING

### Commingling procedure for Thor & Starship leases:

Mewbourne Oil Company is requesting approval for surface commingle production from wells located on Fee leases below in a Central Tank Battery "CTB":

| Well Name                         | Location                                       | API #        | Pool #                                    | MCFPD | Dry BTU @<br>14.73 PSI |
|-----------------------------------|--|--------------|---|-------|------------------------|
| Starship 28/21<br>W0OB Fee<br>#1H | 215' FSL &<br>1200' FEL, Sec<br>28, T23S, R28E | 30-015-46353 | [98220] PURPLE<br>SAGE, WOLFCAMP<br>(GAS) | ~3000 | ~1250                  |
| Starship 28/21<br>W0OB Fee<br>#2H | 215' FSL &<br>1230' FEL, Sec<br>28, T23S, R28E | 30-015-46352 | [98220] PURPLE<br>SAGE, WOLFCAMP<br>(GAS) | ~3000 | ~1250                  |
| Thor 28<br>W0MD Fee<br>#1H        | 612' FSL &<br>1222' FWL, Sec<br>28, T23S, R28E | 30-015-46272 | [98220] PURPLE<br>SAGE, WOLFCAMP<br>(GAS) | ~2000 | ~1250                  |
| Thor 28<br>W0NC Fee<br>#1H        | 612' FSL &<br>1252' FWL, Sec<br>28, T23S, R28E | 30-015-46246 | [98220] PURPLE<br>SAGE, WOLFCAMP<br>(GAS) | ~2000 | ~1250                  |

### Oil, Water, & Gas metering

The central tank battery is located on the Starship 28/21 W1OB Fee #1H well pad located in the SESE of Section 28, T23S, R28E, Eddy County, New Mexico. The production for all wells will come to its own separator. From the separator production will be allocated as follows:

#### Oil Metering:

Oil volumes from each well producing to the battery will be determined by using an allocation meter at the facility for each well. Oil from each separator will be metered and then sent to a heater treater (HT). Oil from the HT will then flow to a vapor recovery tower (VRT) and then to the 750 BBL oil tanks (OT). Oil production will be allocated on a daily basis based from the oil allocation meter downstream of the separator. This meter will be proven based on API, NMOCD and BLM specifications by tank testing. This process is performed by isolating a well to specific oil tanks and calibrating the meter based on the production numbers. The oil production from these wells listed above will be measured, commingled and then sold via truck haul or LACT.

#### Water Metering:

Water volumes from each well producing to the battery will be determined by using an allocation meter at the facility for each well. Water from each separator will be metered and sent to the 1000 BBL gun barrel (GB). From the GB the water will be sent to the 750 BBL water tanks (WT). Water production will be allocated on a daily basis based from the water allocation meter downstream of the separator. The water production from these wells listed above will be measured, commingled and disposed of via truck haul or pipelined to disposal.

#### Gas Metering:

Gas volumes from each well producing to these batteries will be determined by using an allocation gas meter after the separator at the facility for each well. The gas production from the wells listed above will be measured, commingled, and then sold on lease using the 24 hr. well test method. A Sendero common gas sales meter (MM #10108) will be located on-site of the CTB. This meter is calibrated on a regular basis per API, NMOCD and BLM specifications.

**Economic Justification**

| Well Name                   | BOPD EST | Oil Gravity @ 60° | Value/bbl | MCFPD  | Dry BTU @ 14.73 PSI | Value/MCF |
|-----------------------------|----------|-------------------|-----------|--------|---------------------|-----------|
| Starship 28/21 W0OB Fee #1H | 1500     | 48                | \$40      | ~3000  | ~1250               | \$1.28    |
| Starship 28/21 W0OB Fee #2H | 1500     | 48                | \$40      | ~3000  | ~1250               | \$1.28    |
| Thor 28 W0MD Fee #1H        | 1000     | 48                | \$40      | ~2000  | ~1250               | \$1.28    |
| Thor 28 W0NC Fee #1H        | 1000     | 48                | \$40      | ~2000  | ~1250               | \$1.28    |
| CTB Combined                | 5000     | 48                | \$40      | ~10000 | 1250                | \$1.28    |

**Process and Flow Descriptions:**

The flow of production is shown in detail on the enclosed facility diagram and map which shows lease boundaries, wells, battery, & MM location. The commingling of production is in the interest of conservation and waste and will result in the most effective economic means of producing the reserves in place from the affected wells and will not result in reduced royalty or improper measurement of production.

Working, royalty, & overriding interest owners have been notified of the proposal via certified mail (see attached).

Signed: 

Printed Name: Joe Bryand  
Title: Senior Production Engineer  
Date: 9/15/2020

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|  |                               |  |                         |                        |  |                                  |                              |                               |                       |
|--|-------------------------------|--|-------------------------|------------------------|--|----------------------------------|------------------------------|-------------------------------|-----------------------|
| <sup>1</sup> API Number                                      |                               | <sup>2</sup> Pool Code                                       |                         | <sup>3</sup> Pool Name |  |                                  |                              |                               |                       |
| <sup>4</sup> Property Code                                   |                               | <sup>5</sup> Property Name<br><b>STARSHIP 28/21 WOOB FEE</b> |                         |                        | <sup>6</sup> Well Number<br><b>1H</b>  |                                  |                              |                               |                       |
| <sup>7</sup> OGRID NO.                                       |                               | <sup>8</sup> Operator Name<br><b>MEWBOURNE OIL COMPANY</b>   |                         |                        | <sup>9</sup> Elevation<br><b>3063'</b> |                                  |                              |                               |                       |
| <sup>10</sup> Surface Location                               |                               |  |                         |                        |  |                                  |                              |                               |                       |
| UL or lot no.<br><b>P</b>                                    | Section<br><b>28</b>          | Township<br><b>23S</b>                                       | Range<br><b>28E</b>     | Lot Idn                | Feet from the<br><b>215</b>            | North/South line<br><b>SOUTH</b> | Feet From the<br><b>1200</b> | East/West line<br><b>EAST</b> | County<br><b>EDDY</b> |
| <sup>11</sup> Bottom Hole Location If Different From Surface |                               |  |                         |                        |  |                                  |                              |                               |                       |
| UL or lot no.<br><b>B</b>                                    | Section<br><b>21</b>          | Township<br><b>23S</b>                                       | Range<br><b>28E</b>     | Lot Idn                | Feet from the<br><b>330</b>            | North/South line<br><b>NORTH</b> | Feet from the<br><b>1350</b> | East/West line<br><b>EAST</b> | County<br><b>EDDY</b> |
| <sup>12</sup> Dedicated Acres                                | <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.

S 89°33'04" W 2651.93' (D) S 89°33'56" W 2651.60' (E)

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

- A: FOUND 100D NAIL  
N: 461569.8 - E: 613183.9
- B: FOUND 1/2" REBAR  
N: 466881.6 - E: 613142.8
- C: FOUND COTTON SPINDLE  
N: 472200.3 - E: 613112.7
- D: FOUND 1/2" REBAR  
N: 472221.1 - E: 615763.9
- E: FOUND COTTON SPINDLE  
N: 472241.2 - E: 618414.9
- F: FOUND COTTON SPINDLE  
N: 469587.2 - E: 618442.8
- G: FOUND COTTON SPINDLE  
N: 466918.0 - E: 618471.2
- H: FOUND 1/2" REBAR  
N: 461626.4 - E: 618520.2
- I: FOUND COTTON SPINDLE  
N: 466898.7 - E: 615806.4

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

**BOTTOM HOLE**  
N: 471901.0 - E: 617068.7  
LAT: 32.2970915° N  
LONG: 104.0882366° W

**SURFACE LOCATION**  
N: 461828.6 - E: 617318.3  
LAT: 32.2694023° N  
LONG: 104.0875034° W

**<sup>17</sup> OPERATOR CERTIFICATION**  
*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

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

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

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

---

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

**9-20-2019**  
Date of Survey

Signature and Seal of Professional Surveyor \_\_\_\_\_

**19680**  
Certificate Number

**19680**  
Job No: LS19090918

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

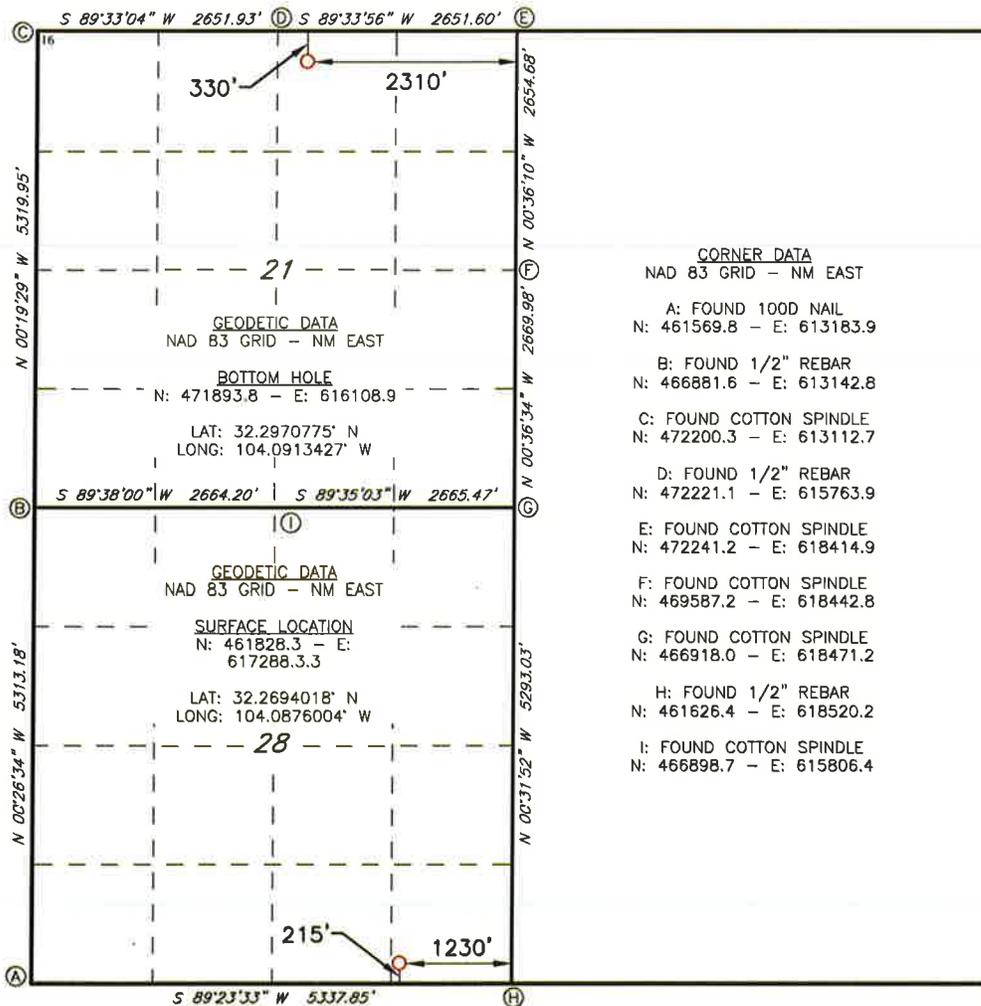
Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|  |                               |  |                         |                        |                             |  |                              |                               |                       |
|--|-------------------------------|--|-------------------------|------------------------|-----------------------------|--|------------------------------|-------------------------------|-----------------------|
| <sup>1</sup> API Number                                      |                               | <sup>2</sup> Pool Code                                       |                         | <sup>3</sup> Pool Name |                             |  |                              |                               |                       |
| <sup>4</sup> Property Code                                   |                               | <sup>5</sup> Property Name<br><b>STARSHIP 28/21 WOOB FEE</b> |                         |                        |                             | <sup>6</sup> Well Number<br><b>2H</b>  |                              |                               |                       |
| <sup>7</sup> OGRID NO.                                       |                               | <sup>8</sup> Operator Name<br><b>MEWBOURNE OIL COMPANY</b>   |                         |                        |                             | <sup>9</sup> Elevation<br><b>3063'</b> |                              |                               |                       |
| <sup>10</sup> Surface Location                               |                               |  |                         |                        |                             |  |                              |                               |                       |
| UL or lot no.<br><b>P</b>                                    | Section<br><b>28</b>          | Township<br><b>23S</b>                                       | Range<br><b>28E</b>     | Lot Idn                | Feet from the<br><b>215</b> | North/South line<br><b>SOUTH</b>       | Feet From the<br><b>1230</b> | East/West line<br><b>EAST</b> | County<br><b>EDDY</b> |
| <sup>11</sup> Bottom Hole Location If Different From Surface |                               |  |                         |                        |                             |  |                              |                               |                       |
| UL or lot no.<br><b>B</b>                                    | Section<br><b>21</b>          | Township<br><b>23S</b>                                       | Range<br><b>28E</b>     | Lot Idn                | Feet from the<br><b>330</b> | North/South line<br><b>NORTH</b>       | Feet from the<br><b>2310</b> | East/West line<br><b>EAST</b> | County<br><b>EDDY</b> |
| <sup>12</sup> Dedicated Acres                                | <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.



**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

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

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

**9-20-2019**  
Date of Survey

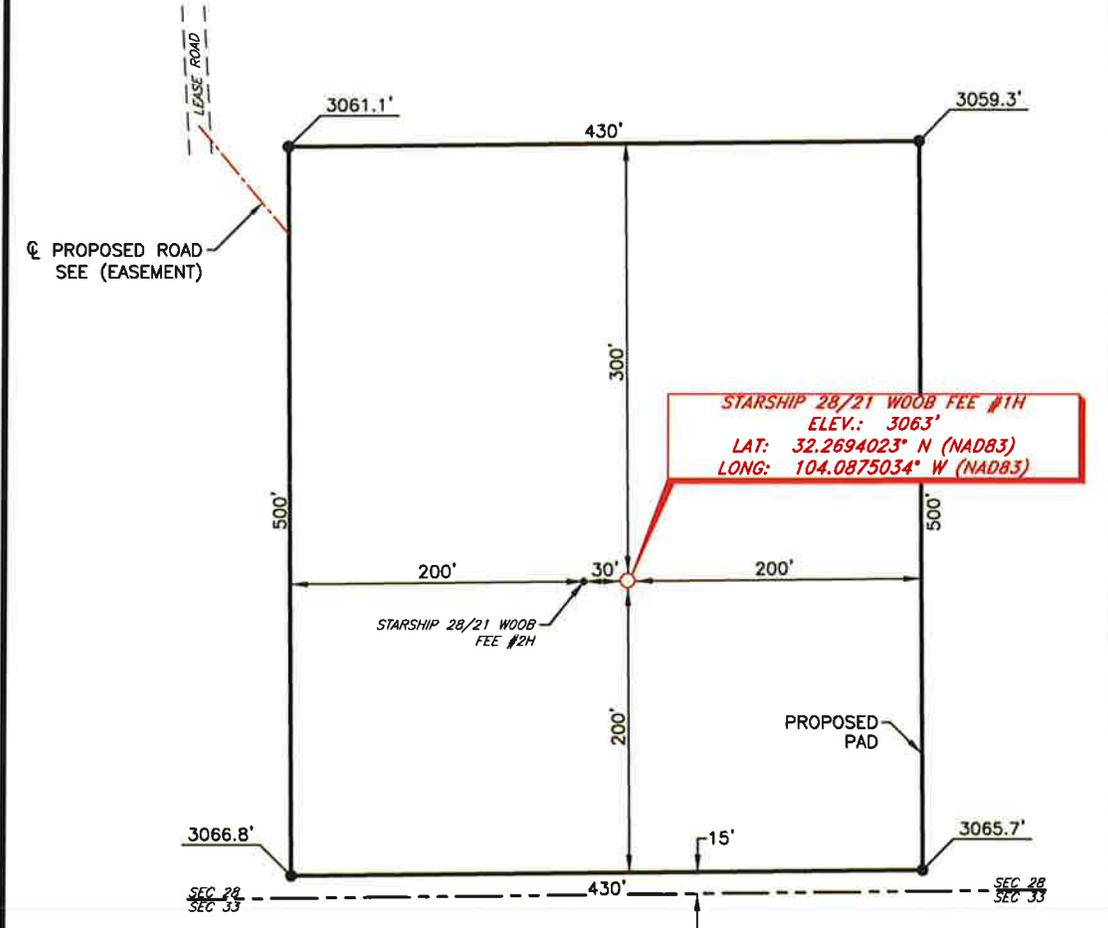
Signature and Seal of Professional Surveyor \_\_\_\_\_

**19680**  
Certificate Number

**ROBERT M. HOWETT**  
NEW MEXICO  
19680  
PROFESSIONAL SURVEYOR

Job No: LS19090919

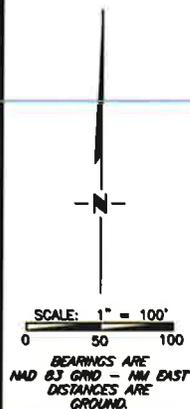
**MEWBOURNE OIL COMPANY  
STARSHIP 28/21 WOOB FEE #1H  
(215' FSL & 1200' FEL)  
SECTION 28, T23S, R28E  
N. M. P. M., EDDY COUNTY, NEW MEXICO**



DIRECTIONS TO LOCATION

From the intersection of CR-732 (Nymeyer Road.) and CR-731 (Onsurez Road.);  
 Go Northwest on CR-731 approx. 0.3 miles to a lease road on the left;  
 Turn left and go West approx. 0.1 miles road curves left;  
 Take curve left and go South approx. 0.4 miles to a proposed road on the left;  
 Turn left and go Southeast approx. 400 feet to location on the left.

THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS AND PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY. BOUNDARY DATA IS SHOWN FROM A PREVIOUS SURVEY REFERENCED HEREON.



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|                      |          |      |
|----------------------|----------|------|
| NO.                  | REVISION | DATE |
| JOB NO.: LS19090918  |          |      |
| DWG. NO.: 19090918-4 |          |      |



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

|                    |
|--------------------|
| SCALE: 1" = 100'   |
| DATE: 9-20-19      |
| SURVEYED BY: ML/MF |
| DRAWN BY: GA       |
| APPROVED BY: RMH   |
| SHEET: 1 OF 1      |

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                                     |  | 3 Pool Name |                             |
| 4 Property Code |  | 5 Property Name<br><b>THOR 28 WOMB FEE</b>      |  |             | 6 Well Number<br><b>1H</b>  |
| 7 GRID NO.      |  | 8 Operator Name<br><b>MEWBOURNE OIL COMPANY</b> |  |             | 9 Elevation<br><b>3083'</b> |

10 Surface Location

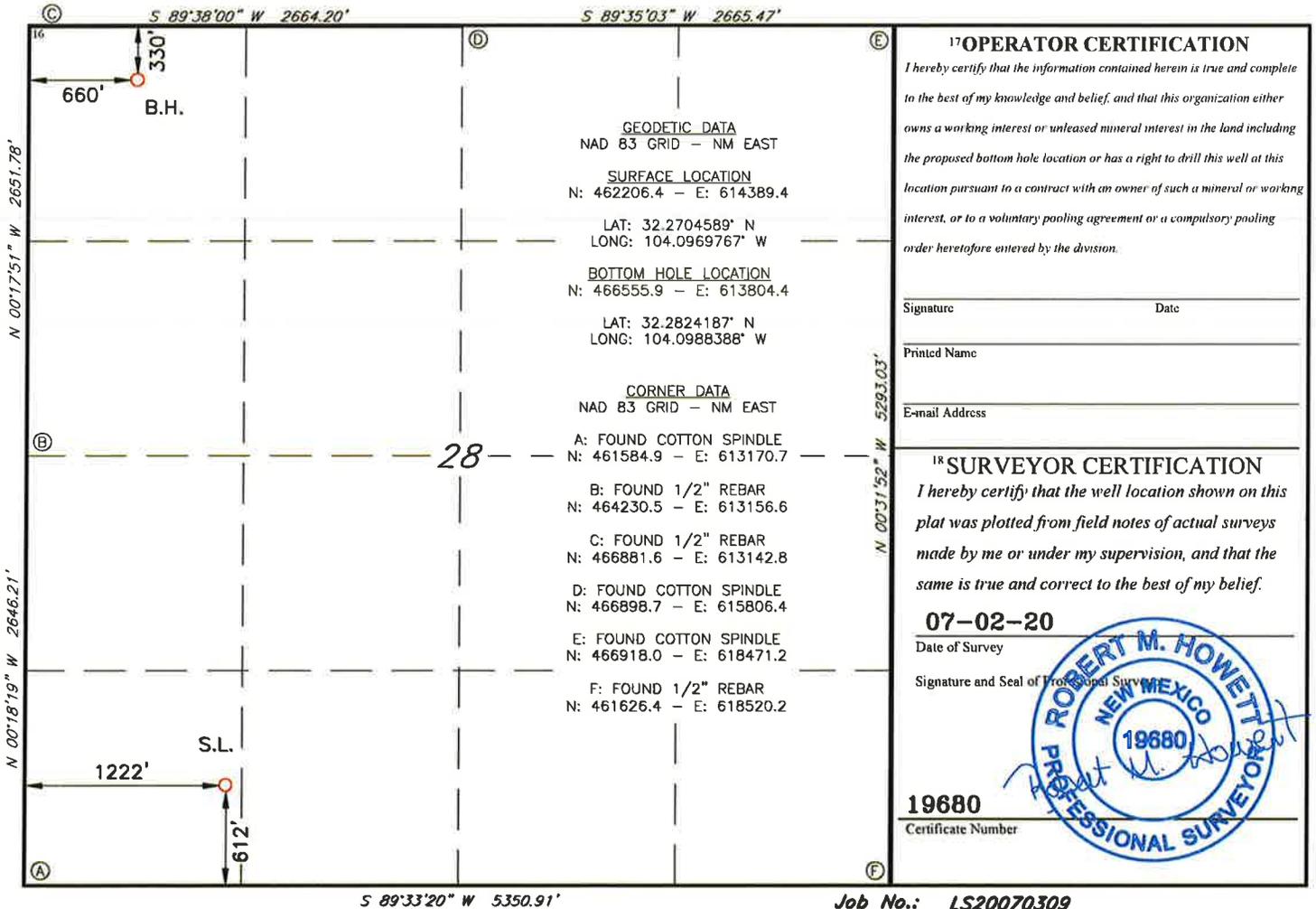
| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet From the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>M</b>      | <b>28</b> | <b>23S</b> | <b>28E</b> |         | <b>612</b>    | <b>SOUTH</b>     | <b>1222</b>   | <b>WEST</b>    | <b>EDDY</b> |

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      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>D</b>      | <b>28</b> | <b>23S</b> | <b>28E</b> |         | <b>330</b>    | <b>NORTH</b>     | <b>660</b>    | <b>WEST</b>    | <b>EDDY</b> |

|                    |                    |                       |              |
|--------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres | 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.



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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |  |  |  |                        |  |
|----------------------------|--|--|--|------------------------|--|
| <sup>1</sup> API Number    |  | <sup>2</sup> Pool Code                                     |  | <sup>3</sup> Pool Name |  |
| <sup>4</sup> Property Code |  | <sup>5</sup> Property Name<br><b>THOR 28 WONC FEE</b>      |  |                        | <sup>6</sup> Well Number<br><b>1H</b>  |
| <sup>7</sup> OGRID NO.     |  | <sup>8</sup> Operator Name<br><b>MEWBOURNE OIL COMPANY</b> |  |                        | <sup>9</sup> Elevation<br><b>3083'</b> |

<sup>10</sup> Surface Location

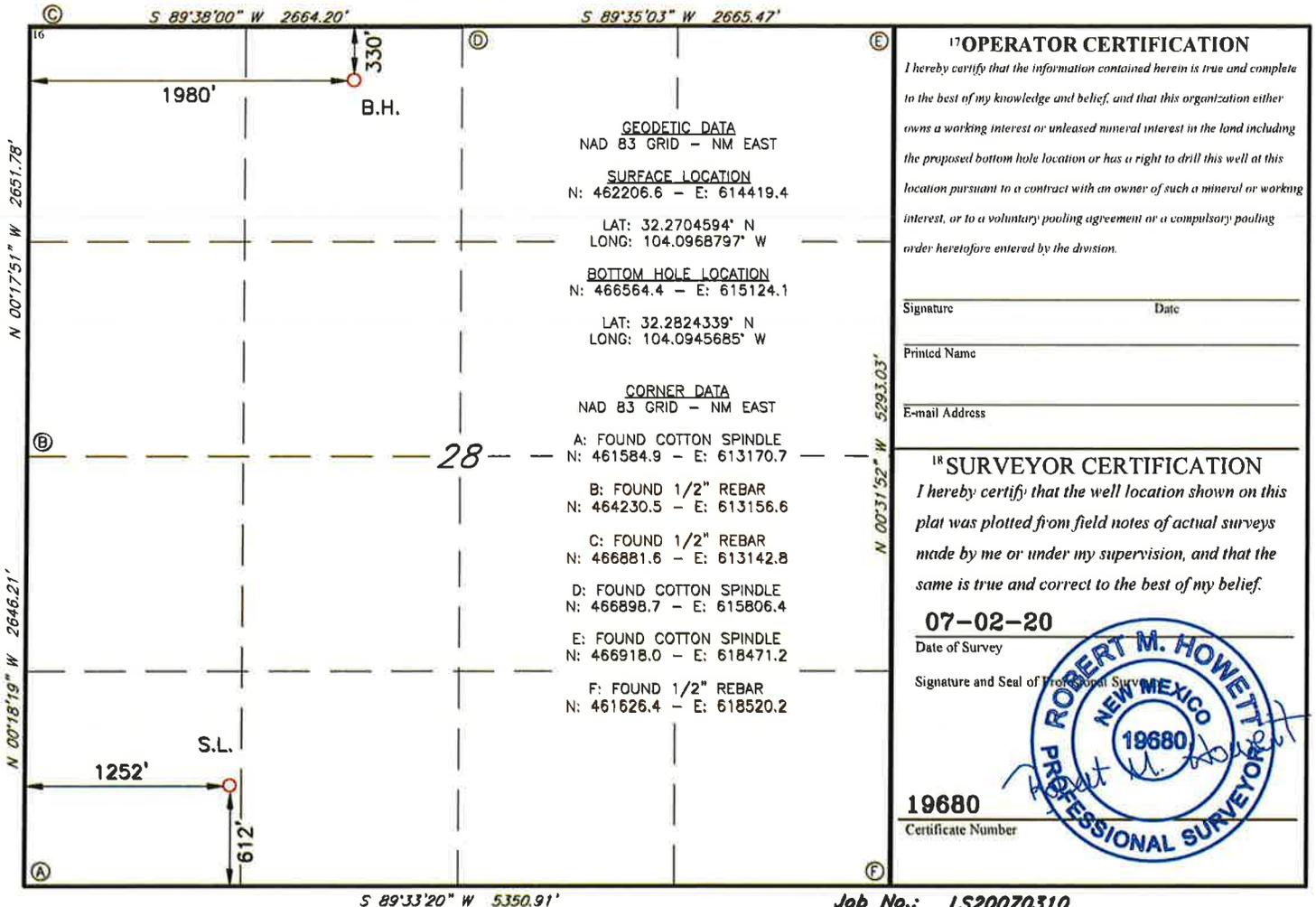
| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet From the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>M</b>      | <b>28</b> | <b>23S</b> | <b>28E</b> |         | <b>612</b>    | <b>SOUTH</b>     | <b>1252</b>   | <b>WEST</b>    | <b>EDDY</b> |

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

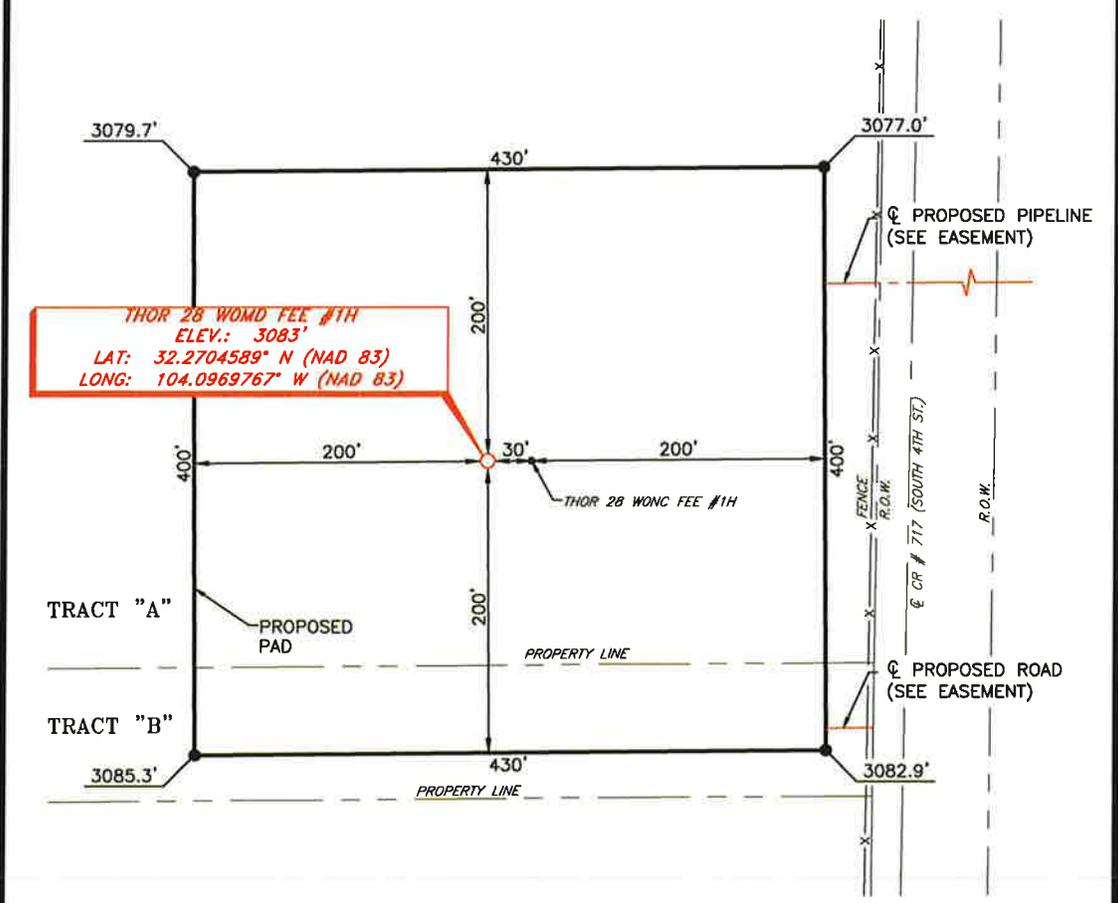
| UL or lot no. | Section   | Township   | Range      | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County      |
|---------------|-----------|------------|------------|---------|---------------|------------------|---------------|----------------|-------------|
| <b>C</b>      | <b>28</b> | <b>23S</b> | <b>28E</b> |         | <b>330</b>    | <b>NORTH</b>     | <b>1980</b>   | <b>WEST</b>    | <b>EDDY</b> |

|                               |                               |                                  |                         |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres | <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.



**MEWBOURNE OIL COMPANY  
THOR 28 WOND FEE #1H  
(612' FSL & 1222' FWL)  
SECTION 28, T23S, R28E  
N. M. P. M., EDDY COUNTY, NEW MEXICO**



DIRECTIONS TO LOCATION

From the intersection of U.S. Hwy 285 (Pecos Hwy) and CR-#717 (South 4th St.);  
 Go North on CR-#717 approx. 0.2 miles to a proposed road on the left;  
 Turn left and go West approx. 270 feet to location on the right.



SCALE: 1" = 100'  
 0 50 100  
 BEARINGS ARE  
 NAD 83 GRID - NM EAST  
 DISTANCES ARE  
 GROUND.

Copyright 2016 - All Rights Reserved

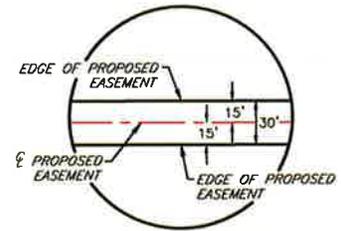
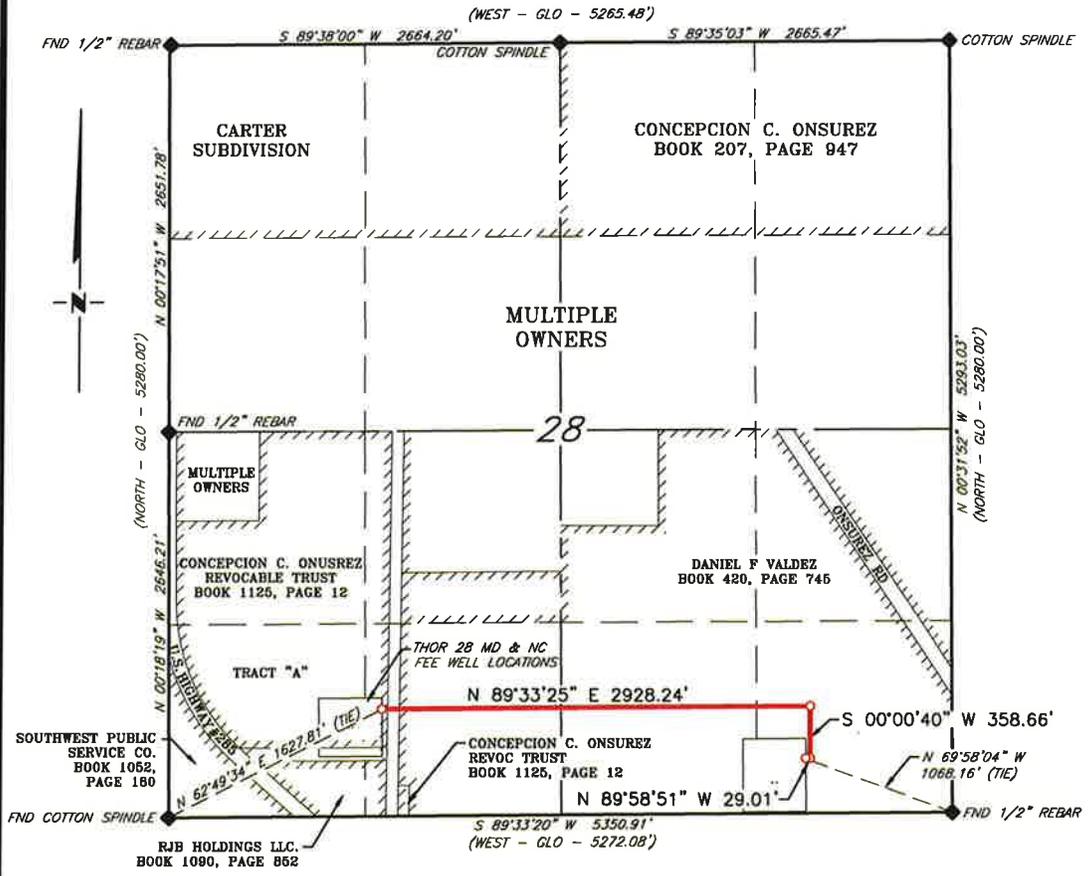
| NO.                  | REVISION | DATE |
|----------------------|----------|------|
| JOB NO.: LS20070309  |          |      |
| DWG. NO.: 20070309-4 |          |      |



701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

|                    |
|--------------------|
| SCALE: 1" = 100'   |
| DATE: 07-02-2020   |
| SURVEYED BY: ML/JH |
| DRAWN BY: GA       |
| APPROVED BY: RMH   |
| SHEET: 1 OF 1      |

**MEWBOURNE OIL COMPANY**  
**OVERALL OF PROPOSED FLOWLINE FROM THE THOR 28 MD & NC FEE**  
**WELL LOCATIONS TO THE STARSHIP 28/21 OB FEE WELL LOCATIONS**  
**SECTION 28, T23S, R28E**  
**N. M. P. M., EDDY COUNTY, NEW MEXICO**



**DETAIL "A"**  
N. T. S.

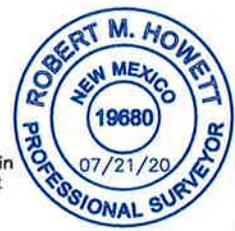
SCALE: 1" = 1000'  
 0 500' 1000'

BEARINGS ARE GRID NAD 83  
 NM EAST  
 DISTANCES ARE HORIZ. GROUND.

**LEGEND**  
 ( ) RECORD DATA - GLO  
 ♦ FOUND MONUMENT AS NOTED  
 — PROPOSED FLOWLINE

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

*Robert M. Howett*  
 Robert M. Howett NM PS 19680



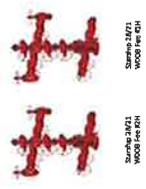
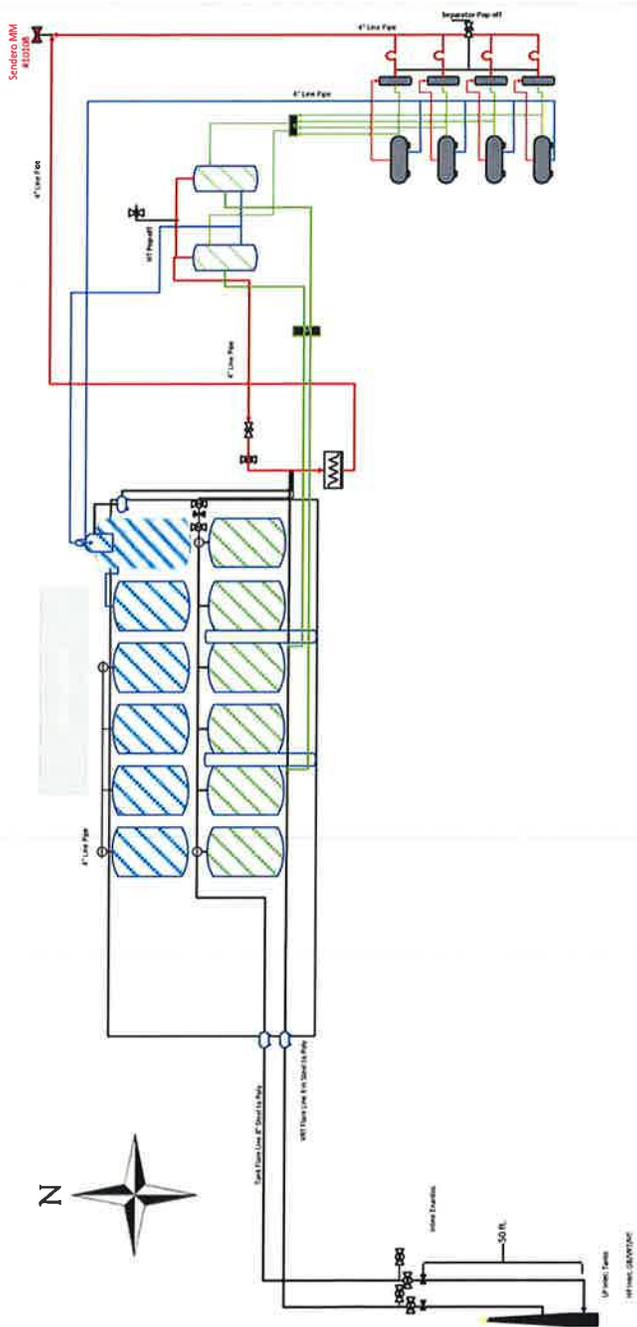
Copyright 2016 - All Rights Reserved

|                       |          |         |
|-----------------------|----------|---------|
| 1                     | REROUTE  | 7/20/20 |
| NO.                   | REVISION | DATE    |
| JOB NO.: LS20070309R  |          |         |
| DWG. NO.: 20070309R-6 |          |         |



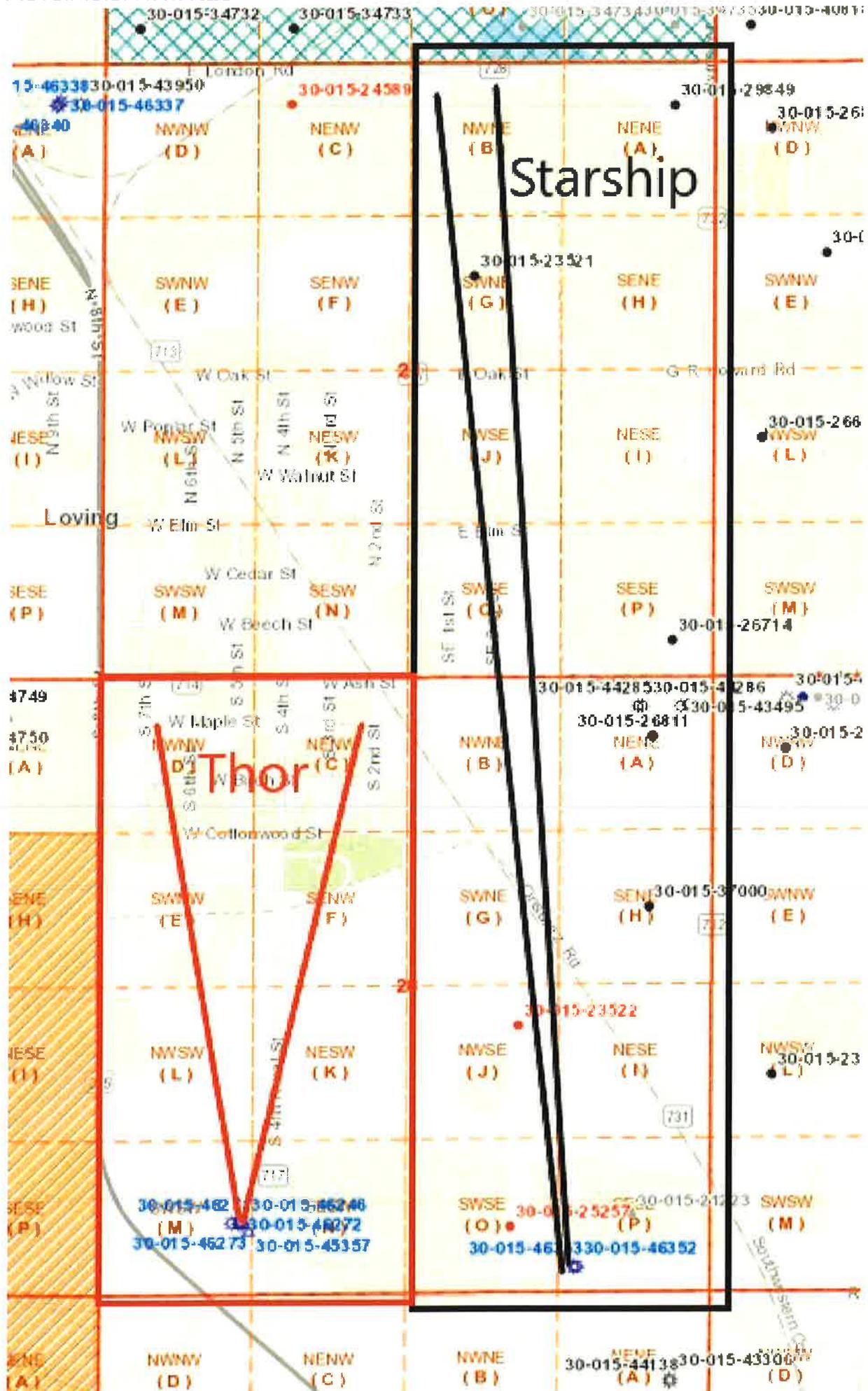
701 S. CECIL ST., HOBBS, NM 88240 (575) 964-8200

|                    |
|--------------------|
| SCALE: 1" = 1000'  |
| DATE: 07-02-2020   |
| SURVEYED BY: ML/JH |
| DRAWN BY: GA       |
| APPROVED BY: RMH   |
| SHEET: 1 OF 3      |



| Facility Diagram            |                                      |
|-----------------------------|--------------------------------------|
| Operator                    | Mesbourne Oil Company                |
| Facility Name               | Starship 28121 W00B Fee #1B Battery  |
| Facility Location           | SESE Sec 8, T23S, R28E, Eddy Co., NM |
| Lease Number:               |                                      |
| Comm Agreement:             |                                      |
| Pools Associated:           | (98228) PURPLE SAGE, WOLFCAMP (GAS)  |
| Wells in Facility           | API #                                |
| Starship 28121 W00B Fee #1H | 30-015-46353                         |
| Starship 28121 W00B Fee #2H | 30-015-46352                         |
| Thor 28 W00D Fee #1H        | 30-015-46272                         |
| Thor 28 W00C Fee #1H        | 30-015-46246                         |





|         |          |          |           |      |         |
|---------|----------|----------|-----------|------|---------|
| DATE IN | SUSPENSE | ENGINEER | LOGGED IN | TYPE | APP NO. |
|---------|----------|----------|-----------|------|---------|

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD
  - Check One Only for [B] or [C]
  - [B] Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM
  - [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR
  - [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or  Does Not Apply
- [A]  Working, Royalty or Overriding Royalty Interest Owners
  - [B]  Offset Operators, Leaseholders or Surface Owner
  - [C]  Application is One Which Requires Published Legal Notice
  - [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
  - [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
  - [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

|                    |           |                              |           |
|--------------------|-----------|------------------------------|-----------|
| Joe Bryand         |           | Senior Production Engineer   | 9/15/2020 |
| Print or Type Name | Signature | Title                        | Date      |
|                    |           | <u>jbryand@mewbourne.com</u> |           |
|                    |           | e-mail Address               |           |

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: Mewbourne Oil Company  
OPERATOR ADDRESS: 4801 Business Park BLVD PO Box 5270 Hobbs NM 88240

APPLICATION TYPE:  
 Pool Commingling  Lease Commingling  Pool and Lease Commingling  Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE:  Fee  State  Federal

Is this an Amendment to existing Order?  Yes  No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
 Yes  No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

| Pool Names and Codes | Gravities / BTU of Non-Commingled Production | Calculated Gravities / BTU of Commingled Production | Value of Non-Commingled Production | Calculated Value of Commingled Production | Volumes |
|----------------------|--|---|------------------------------------|---|---------|
|                      |  |   |                                    |   |         |
|                      |  |   |                                    |   |         |
|                      |  |   |                                    |   |         |
|                      |  |   |                                    |   |         |
|                      |  |   |                                    |   |         |

- (2) Are any wells producing at top allowables?  Yes  No
- (3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No.
- (4) Measurement type:  Metering  Other (Specify)
- (5) Will commingling decrease the value of production?  Yes  No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Pool Name and Code.
- (2) Is all production from same source of supply?  Yes  No
- (3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No
- (4) Measurement type:  Metering  Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

- (1) Is all production from same source of supply?  Yes  No
- (2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
- (2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
- (3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE:  TITLE: Senior Production Engineer DATE: 09/15/2020

TYPE OR PRINT NAME: Joe Bryand TELEPHONE NO.: 575-393-5905

E-MAIL ADDRESS: Jbryand@mewbourne.com

**Central Tank Battery**

| <b>Well Name</b>                           | <b>Pool #</b>                                   | <b>BOPD<br/>EST</b> | <b>Oil Gravity<br/>@ 60°</b> | <b>Value/bbl</b> | <b>MCFPD</b> | <b>Dry BTU<br/>@ 14.73<br/>PSI</b> | <b>Value/MCF</b> |
|--|---|---------------------|------------------------------|------------------|--------------|------------------------------------|------------------|
| <b>Starship<br/>28/21 W0OB<br/>Fee #1H</b> | [98220]<br>PURPLE<br>SAGE,<br>WOLFCAMP<br>(GAS) | 1500                | 48                           | \$40             | ~3000        | ~1250                              | \$1.28           |
| <b>Starship<br/>28/21 W0OB<br/>Fee #2H</b> | [98220]<br>PURPLE<br>SAGE,<br>WOLFCAMP<br>(GAS) | 1500                | 48                           | \$40             | ~3000        | ~1250                              | \$1.28           |
| <b>Thor 28<br/>W0MD Fee<br/>#1H</b>        | [98220]<br>PURPLE<br>SAGE,<br>WOLFCAMP<br>(GAS) | 1000                | 48                           | \$40             | ~2000        | ~1250                              | \$1.28           |
| <b>Thor 28<br/>W0NC Fee<br/>#1H</b>        | [98220]<br>PURPLE<br>SAGE,<br>WOLFCAMP<br>(GAS) | 1000                | 48                           | \$40             | ~2000        | ~1250                              | \$1.28           |
| <b>CTB<br/>Combined</b>                    |   | 5000                | 48                           | \$40             | ~10000       | 1250                               | \$1.28           |

**From:** [McClure, Dean, EMNRD](#) on behalf of [Engineer, OCD, EMNRD](#)  
**To:** [Chad Cole](#)  
**Cc:** [McClure, Dean, EMNRD](#); [Wrinkle, Justin, EMNRD](#); [Powell, Brandon, EMNRD](#); [lisa@rwbyram.com](mailto:lisa@rwbyram.com)  
**Subject:** Approved Administrative Order CTB-971  
**Date:** Tuesday, December 27, 2022 7:30:53 AM  
**Attachments:** [CTB971 Order.pdf](#)

NMOCD has issued Administrative Order CTB-971 which authorizes Mewbourne Oil Company (14744) to surface commingle or off-lease measure, as applicable, the following wells:

| Well API     | Well Name                   | UL or Q/Q | S-T-R      | Pool  |
|--------------|-----------------------------|-----------|------------|-------|
| 30-015-46353 | Starship 28 21 W0OB Fee #1H | E/2       | 21-23S-28E | 98220 |
|              |                             | E/2       | 28-23S-28E |       |
| 30-015-46352 | Starship 28 21 W0OB Fee #2H | E/2       | 21-23S-28E | 98220 |
|              |                             | E/2       | 28-23S-28E |       |
| 30-015-46272 | Thor 28 W0MD Fee #1H        | W/2       | 28-23S-28E | 98220 |
| 30-015-46246 | Thor 28 W0NC Fee #1H        | W/2       | 28-23S-28E | 98220 |

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.

Dean McClure  
 Petroleum Engineer, Oil Conservation Division  
 New Mexico Energy, Minerals and Natural Resources Department  
 (505) 469-8211

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

**APPLICATION FOR SURFACE COMMINGLING  
SUBMITTED BY MEWBOURNE OIL COMPANY**

**ORDER NO. CTB-971**

**ORDER**

The Director of the New Mexico Oil Conservation Division (“OCD”), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

**FINDINGS OF FACT**

1. Mewbourne Oil Company (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells identified in Exhibit A (“Application”).
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
4. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
5. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.

**CONCLUSIONS OF LAW**

6. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.
7. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.
8. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.
9. Applicant’s proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.

10. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.
11. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

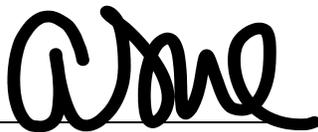
### **ORDER**

1. Applicant is authorized to surface commingle oil and gas production from the pools, leases, and wells identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells identified in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

2. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling it with production from another well.
3. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
4. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8.B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8.E. NMAC.
5. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10.C.(2) NMAC.
6. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
7. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
8. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
9. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION**



\_\_\_\_\_  
**ADRIENNE E. SANDOVAL  
DIRECTOR**

12/23/2022

**DATE:** \_\_\_\_\_

State of New Mexico  
Energy, Minerals and Natural Resources Department

## Exhibit A

**Order: CTB-971**  
**Operator: Mewbourne Oil Company (14744)**  
**Central Tank Battery: Starship 28 21 W0OB Fee 1H Battery**  
**Central Tank Battery Location: UL P, Section 28, Township 23 South, Range 28 East**  
**Gas Title Transfer Meter Location: UL P, Section 28, Township 23 South, Range 28 East**

### Pools

| Pool Name                   | Pool Code |
|-----------------------------|-----------|
| PURPLE SAGE; WOLFCAMP (GAS) | 98220     |

### Leases as defined in 19.15.12.7(C) NMAC

| Lease                | UL or Q/Q | S-T-R      |
|----------------------|-----------|------------|
| Pooled Area Wolfcamp | E/2       | 21-23S-28E |
| Pooled Area Wolfcamp | E/2       | 28-23S-28E |
| Pooled Area Wolfcamp | W/2       | 28-23S-28E |

### Wells

| Well API     | Well Name                   | UL or Q/Q | S-T-R      | Pool  |
|--------------|-----------------------------|-----------|------------|-------|
| 30-015-46353 | Starship 28 21 W0OB Fee #1H | E/2       | 21-23S-28E | 98220 |
|              |                             | E/2       | 28-23S-28E |       |
| 30-015-46352 | Starship 28 21 W0OB Fee #2H | E/2       | 21-23S-28E | 98220 |
|              |                             | E/2       | 28-23S-28E |       |
| 30-015-46272 | Thor 28 W0MD Fee #1H        | W/2       | 28-23S-28E | 98220 |
| 30-015-46246 | Thor 28 W0NC Fee #1H        | W/2       | 28-23S-28E | 98220 |

**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 Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 10556

**CONDITIONS**

|   |   |
|---|---|
| Operator:<br>MEWBOURNE OIL CO<br>P.O. Box 5270<br>Hobbs, NM 88241 | OGRID:<br>14744   |
|   | Action Number:<br>10556   |
|   | Action Type:<br>[C-107] Surface Commingle or Off-Lease (C-107B) |

**CONDITIONS**

| Created By | Condition  | Condition Date |
|------------|--|----------------|
| dmcclure   | Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me. | 12/27/2022     |