

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 @ 14.73 PSI
Starship 28/21 W0OB Fee #1H	215' FSL & 1200' FEL, Sec 28, T23S, R28E	30-015-46353	[98220] PURPLE SAGE, WOLFCAMP (GAS)	~3000	~1250
Starship 28/21 W0OB Fee #2H	215' FSL & 1230' FEL, Sec 28, T23S, R28E	30-015-46352	[98220] PURPLE SAGE, WOLFCAMP (GAS)	~3000	~1250
Thor 28 W0MD Fee #1H	612' FSL & 1222' FWL, Sec 28, T23S, R28E	30-015-46272	[98220] PURPLE SAGE, WOLFCAMP (GAS)	~2000	~1250
Thor 28 W0NC Fee #1H	612' FSL & 1252' FWL, Sec 28, T23S, R28E	30-015-46246	[98220] PURPLE SAGE, WOLFCAMP (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
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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 STARSHIP 28/21 WOOB FEE			
⁷ OGRID NO.		⁸ Operator Name MEWBOURNE OIL COMPANY			
		⁶ Well Number 1H			
		⁹ Elevation 3063'			
¹⁰ Surface Location					
UL or lot no. P	Section 28	Township 23S	Range 28E	Lot Idn	Feet from the 215
				North/South line SOUTH	Feet From the 1200
				East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. B	Section 21	Township 23S	Range 28E	Lot Idn	Feet from the 330
				North/South line NORTH	Feet from the 1350
				East/West line EAST	County EDDY
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.

<p>S 89°33'04" W 2651.93' (D) S 89°33'56" W 2651.60' (E)</p> <p>330' B.H. 1350'</p> <p>N 00°19'29" W 5319.95'</p> <p>21</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>BOTTOM HOLE N: 471901.0 - E: 617068.7</p> <p>LAT: 32.2970915° N LONG: 104.0882366° W</p> <p>S 89°38'00" W 2664.20' S 89°35'03" W 2665.47'</p> <p>N 00°36'34" W 2669.98' (F) N 00°36'10" W 2664.68' (E)</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>SURFACE LOCATION N: 461828.6 - E: 617318.3</p> <p>LAT: 32.2694023° N LONG: 104.0875034° W</p> <p>28</p> <p>215' S.L. 1200'</p> <p>S 89°23'33" W 5337.85' (H)</p> <p>N 00°26'34" W 5313.18' (A)</p> <p>N 00°31'52" W 5293.03' (G)</p>		<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>9-20-2019 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>19680 Certificate Number</p> <p>ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR</p> <p>Job No: LS19090918</p>
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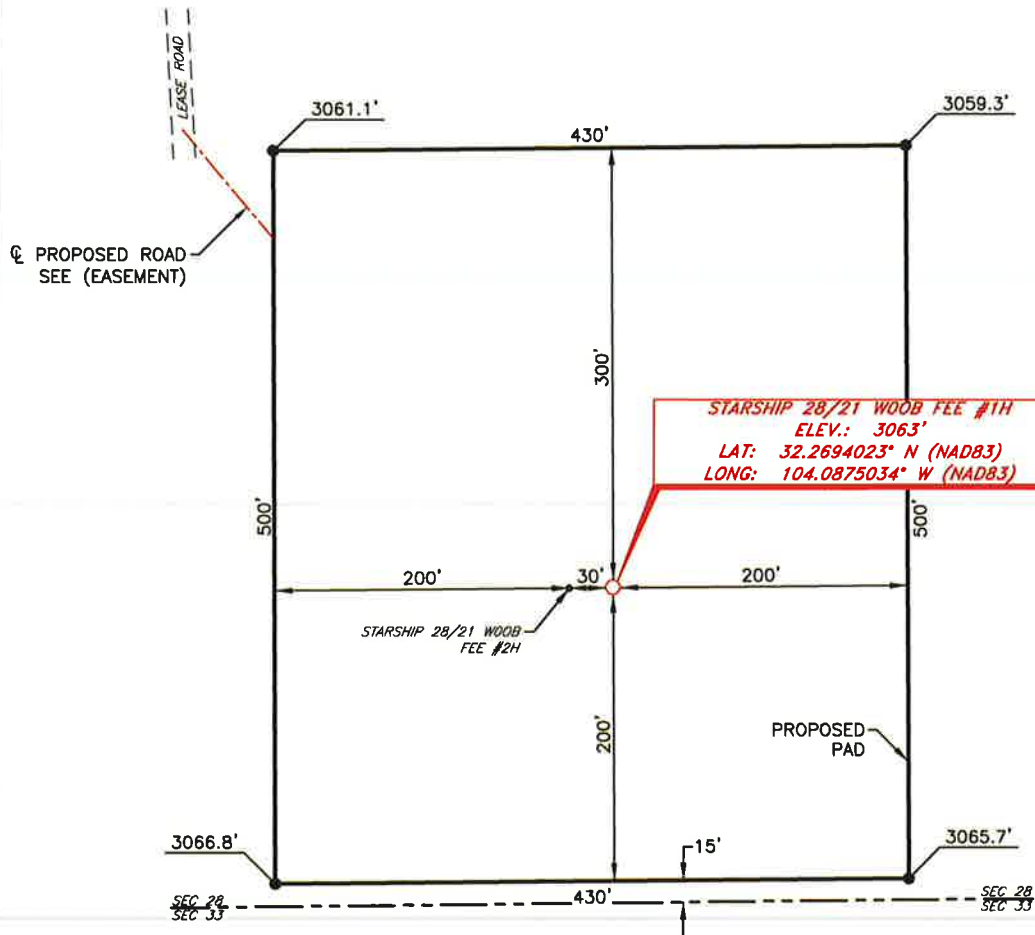
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

<p>S 89°33'04" W 2651.93' (D) S 89°33'56" W 2651.60' (E)</p> <p>330' 2310'</p> <p>N 00°19'29" W 5319.95'</p> <p>21</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>BOTTOM HOLE N: 471893.8 - E: 616108.9</p> <p>LAT: 32.2970775° N LONG: 104.0913427° W</p> <p>S 89°38'00" W 2664.20' S 89°35'03" W 2665.47'</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>SURFACE LOCATION N: 461828.3 - E: 617288.33</p> <p>LAT: 32.2694018° N LONG: 104.0876004° W</p> <p>28</p> <p>215' 1230'</p> <p>S 89°23'33" W 5337.85' (H)</p>		<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>9-20-2019 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>19680 Certificate Number</p> <p>ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR</p> <p>Job No: LS19090919</p>
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**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 (Onsures 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		

RRC

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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¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name THOR 28 WOMB FEE			⁶ Well Number 1H
⁷ GRID NO.		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3083'

¹⁰ Surface Location

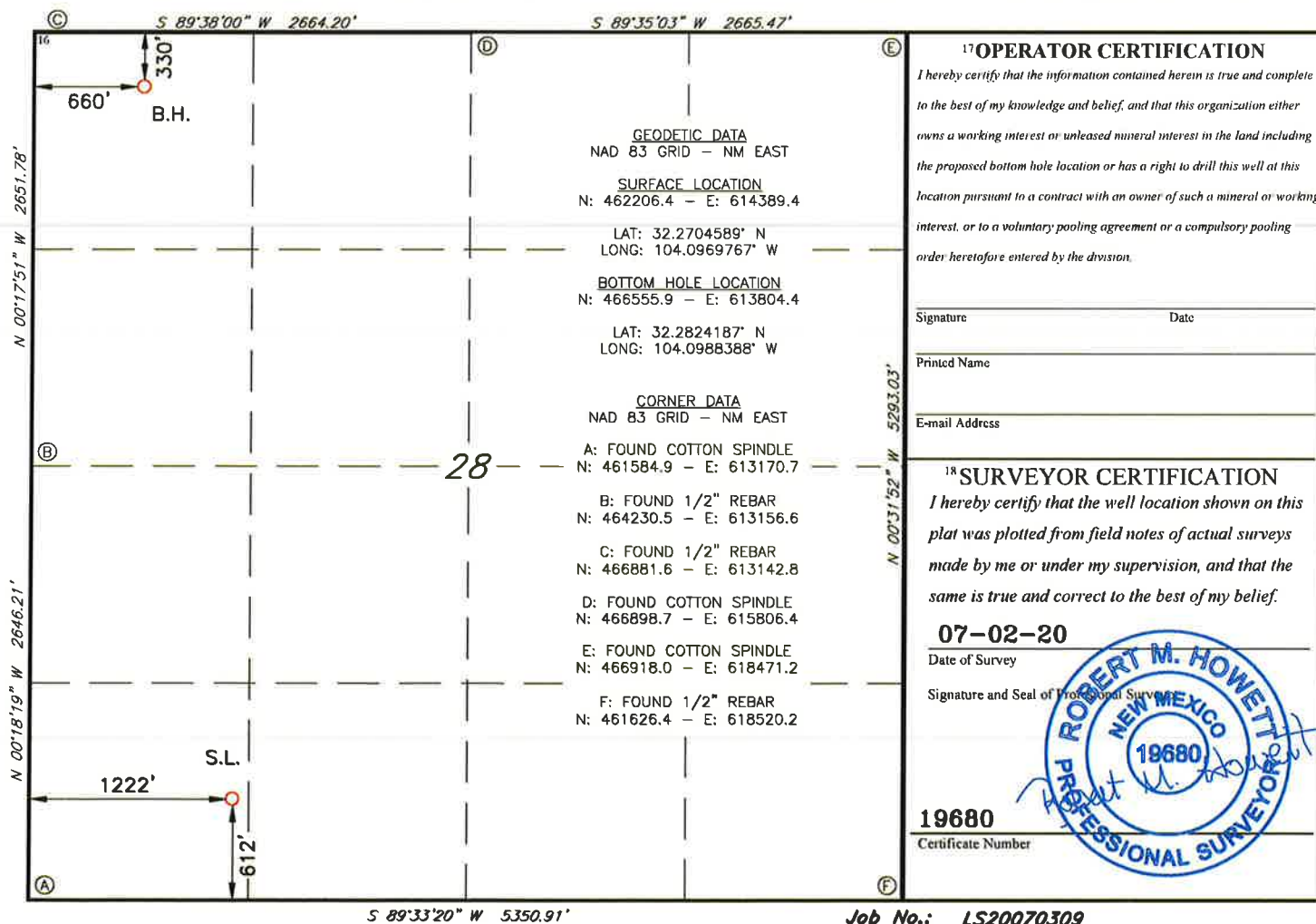
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
M	28	23S	28E		612	SOUTH	1222	WEST	EDDY

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
D	28	23S	28E		330	NORTH	660	WEST	EDDY

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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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

¹⁰ Surface Location

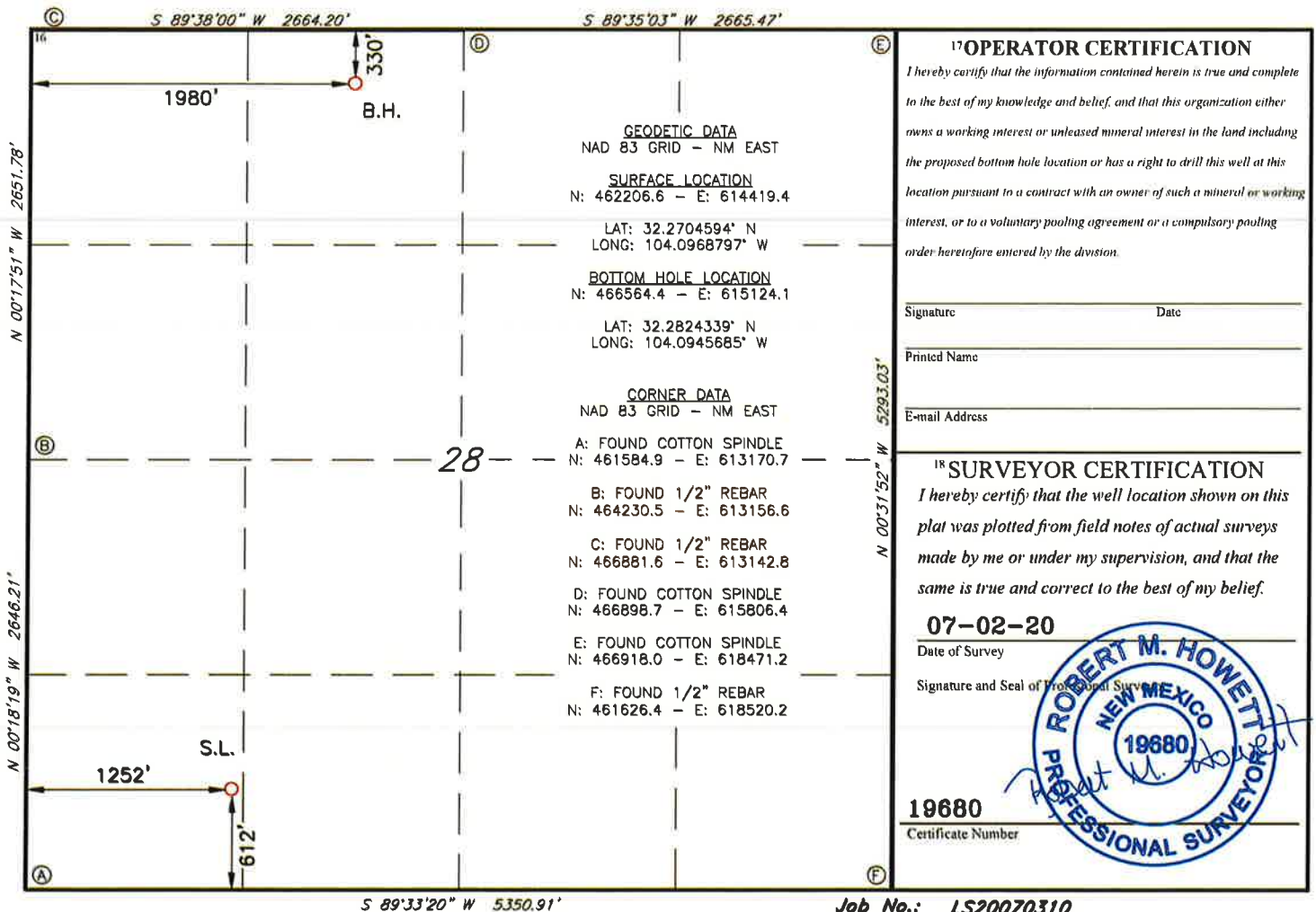
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M	28	23S	28E		612	SOUTH	1252	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

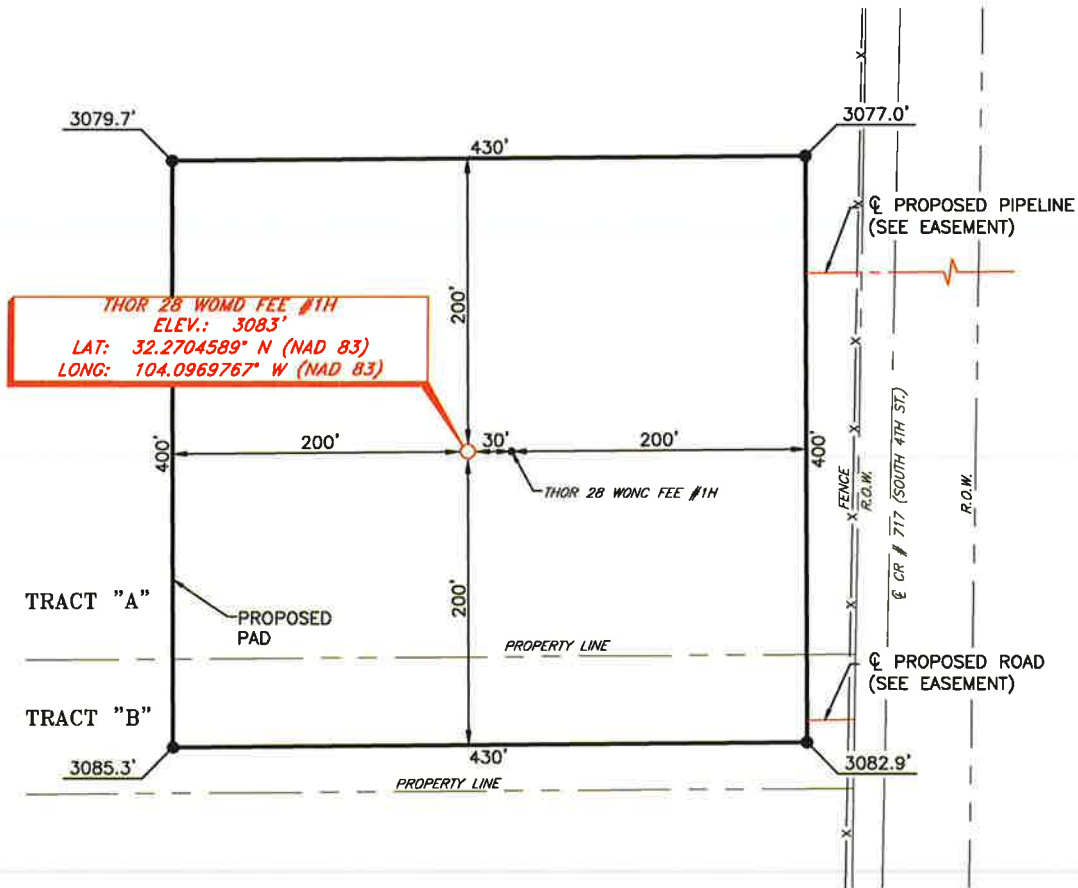
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	28	23S	28E		330	NORTH	1980	WEST	EDDY

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.

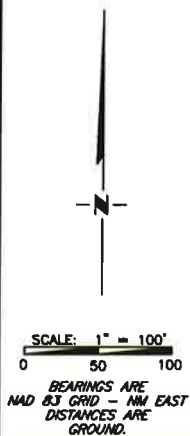


MEWBOURNE OIL COMPANY
THOR 28 WOND FEE #1H
(612' FSL & 1222' FWL)
SECTION 28, T23S, R28E
N. M. P. M., EDDY COUNTY, NEW MEXICO



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.



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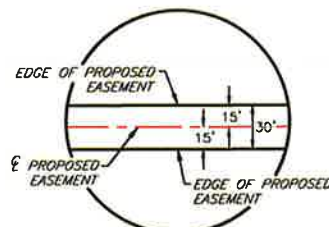
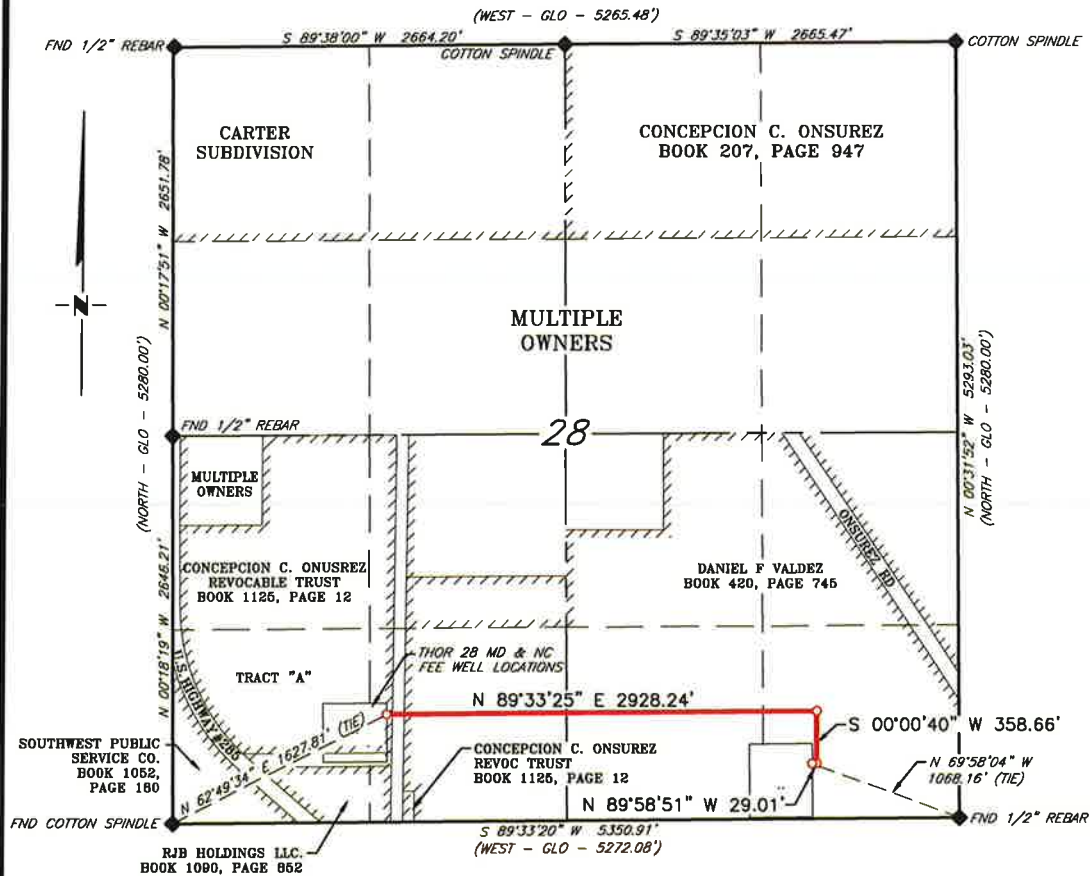
NO.	REVISION	DATE
JOB NO.:	LS20070309	
DWG. NO.:	20070309-4	



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

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.

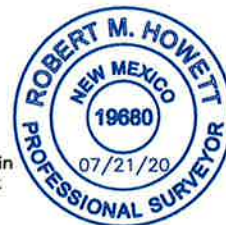
SCALE: 1" = 1000'
 0 500' 1000'

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 plot from an actual survey made on the ground under my direct supervision, said survey and plot 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



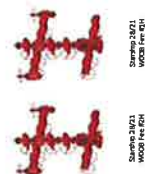
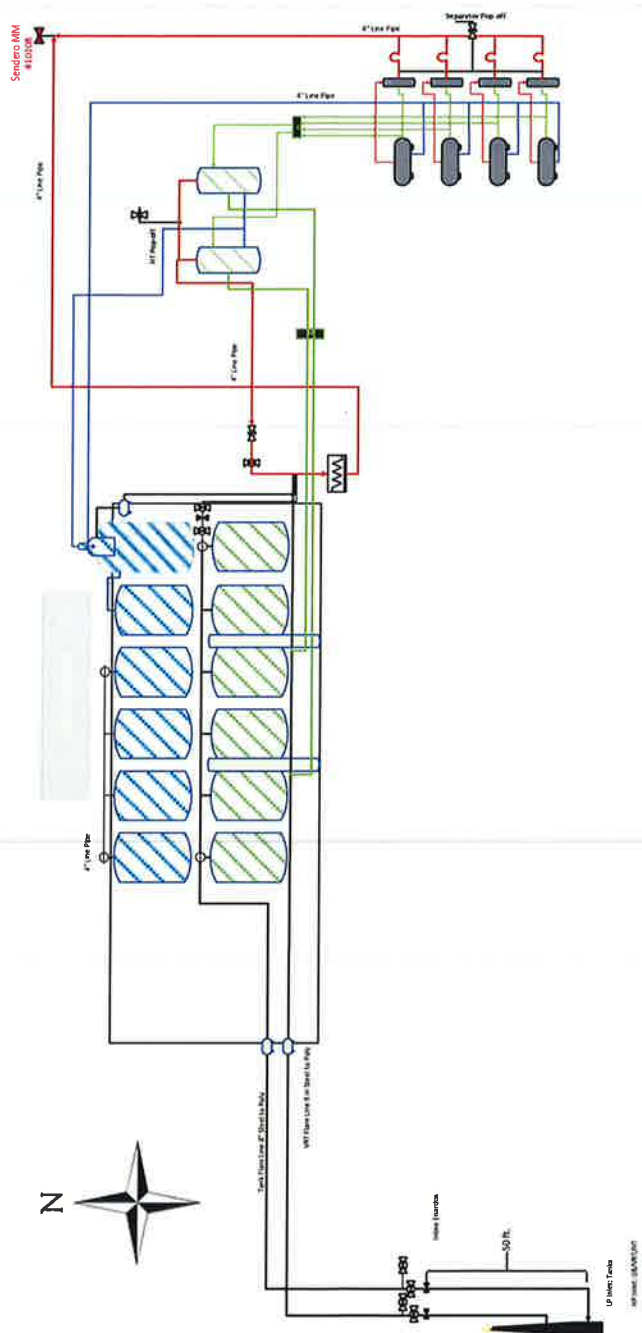
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1	REROUTE	7/20/20
NO.	REVISION	DATE
JOB NO.:	LS20070309R	
DWG. NO.:	20070309R-6	

RRC

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

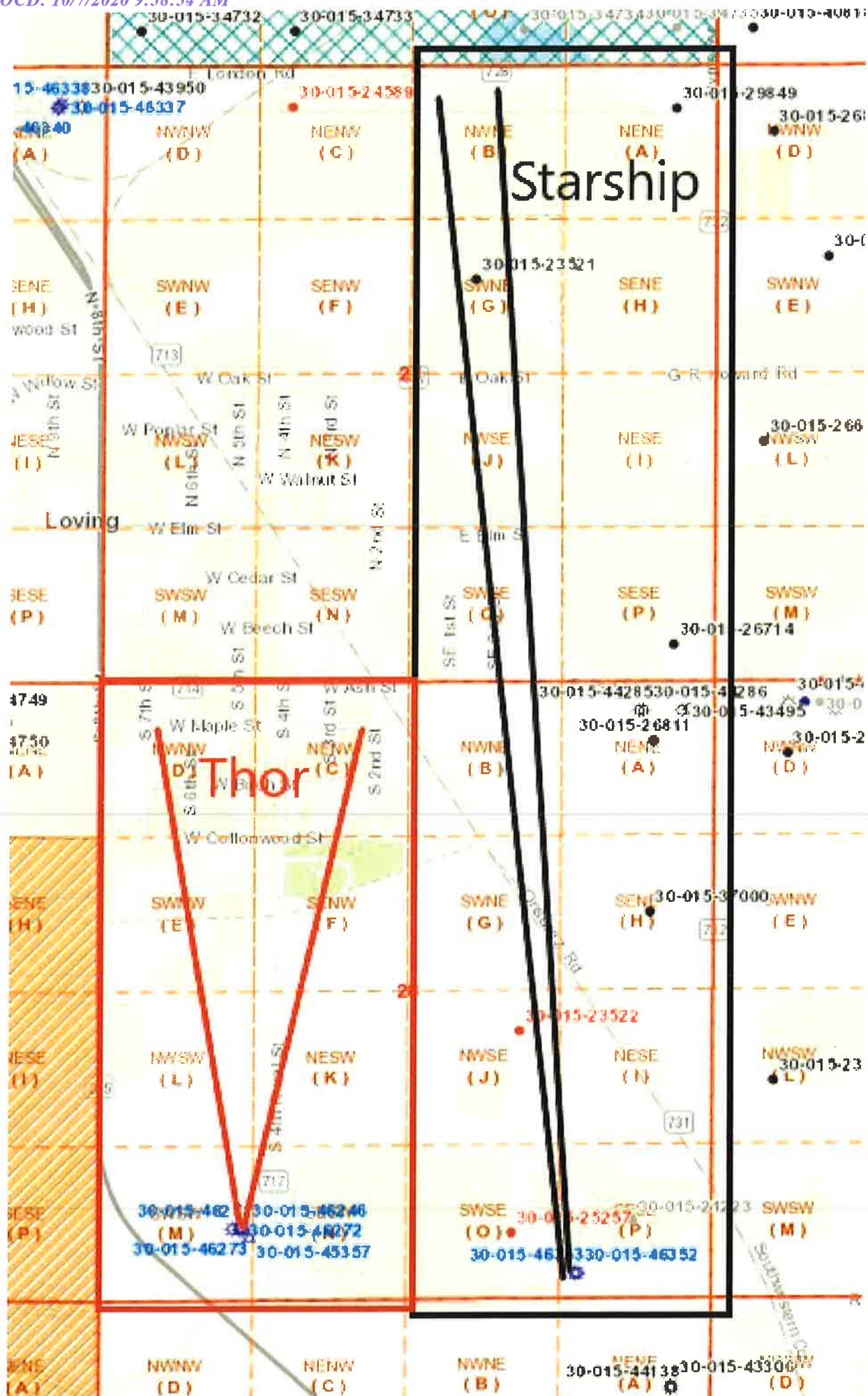
SCALE: 1" = 1000'
 DATE: 07-02-2020
 SURVEYED BY: ML/JH
 DRAWN BY: GA
 APPROVED BY: RMH
 SHEET: 1 OF 3



Facility Diagram	
Operator	Newbourne Oil Company
Facility Name	Starship 28/21 WOB Fee #1B Battery
Facility Location	SESE Sec 8, T23S, R28E, Eddy Co., NM
Lease Number:	
Comm Agreement:	
Pools Associated:	{982201} PURPLE SAGE, WOLF CAMP (GAS)
Wells in Facility	API #
Starship 28/21 WOB Fee #1H	30-015-46353
Starship 28/21 WOB Fee #2H	30-015-46352
Thot 28 WOMB Fee #1H	30-015-46272
Thot 28 WOMB Fee #2H	30-015-46246

Master Tube
Working Examples
Laminated Box
Rack Bolted Joints
Rack Pressure Vessels
Ball Valve
Screw VCU
VT Receiver
Impeller
Rack Bolted Joints





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

Print or Type Name

Signature

Senior Production Engineer 9/15/2020

Title

Date

jrbryand@mewbourne.com
 e-mail Address

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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: Joe Bryant 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

Well Name	Pool #	BOPD EST	Oil Gravity @ 60°	Value/bbl	MCFPD	Dry BTU @ 14.73 PSI	Value/MCF
Starship 28/21 W0OB Fee #1H	[98220] PURPLE SAGE, WOLFCAMP (GAS)	1500	48	\$40	~3000	~1250	\$1.28
Starship 28/21 W0OB Fee #2H	[98220] PURPLE SAGE, WOLFCAMP (GAS)	1500	48	\$40	~3000	~1250	\$1.28
Thor 28 W0MD Fee #1H	[98220] PURPLE SAGE, WOLFCAMP (GAS)	1000	48	\$40	~2000	~1250	\$1.28
Thor 28 W0NC Fee #1H	[98220] PURPLE SAGE, WOLFCAMP (GAS)	1000	48	\$40	~2000	~1250	\$1.28
CTB Combined		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 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 620	MIDLAND	Texas	79701	9414811699945829786853
ADVENTURE ENERGY CORPORATION	10122 N DOVER PL	OWASSO	Oklahoma	74055-7737	9414811699945829786846
ALBERTO H GUTIERREZ JR	4120 NORTHERN LIGHTS AVE	EDINBURG	Texas	78541	9414811699945829786792
ALLIANCE LAND AND MINERALS LLC	P O BOX 809	ARTESIA	New Mexico	88211-0809	9414811699945829786914
ALPHA ENERGY PARTNERS LLC	P O BOX 10701	MIDLAND	Texas	79702	9414811699945829786983
ANGEL & ANNA RODRIGUEZ	P O BOX 327	LOVING	New Mexico	88256	9414811699945829786600
ARTURO & ROSALINDA MUNOZ	PO BOX 471	LOVING	NEW MEXICO	88256-0471	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	24450-1158	9414811699945829786372
BEN V CHAVEZ & ROSA A CHAVEZ	P O BOX 122	LOVING	New Mexico	88256	9414811699945829700804
BENEFICIAL NEW MEXICO INC DBA BENEFICIAL MORTGAGE CO	2240 E LOHMAN AVE	LAS CRUCES	NEW MEXICO	88001	9414811699945829700835
BGW MINERALS LTD	4205 STADIUM DRIVE Suite 300	FT WORTH	Texas	76133	9414811699945829700705
BIG SKY ESTATES INC	4511 NATIONAL PARKS HWY	CARLSBAD	NEW MEXICO	88220	9414811699945829700736
BIG THREE ENERGY GROUP LLC	P O BOX 429	ROSWELL	New Mexico	88202-0429	9414811699945829700903
BILL M BURKS LIVING TRUST LLC	615 E. LOWRY ROAD	CLAREMORE	Oklahoma	74017-1069	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	CALIFORNIA	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
HIER 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	ELIZABETH TOWN	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 Unit B	DEL RAY BEACH	Florida	33445	9414811699945829147654
MINDY KOVACS	1010 S COUNTRY CLUB CIR	CARLSBAD	New Mexico	88220	9414811699945829147357
MJB PETROLEUM LLC	8015 W PARKWAY BLVD Apt #304	TULSA	Oklahoma	74127	9414811699945829147395
MRC PERMIAN COMPANY	5400 LBJ FREEWAY STE 1500	DALLAS	Texas	75240	9414811699945829147388
MRC PERMIAN LKE COMPANY LLC	5400 LBJ FREEWAY STE 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 200	HOUSTON	Texas	77019-1908	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
PARQUE 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

RECEIVED

DEC 01 2022

Holland & Hart LLP.

Affidavit of Publication

Ad # 0005488498

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HOLLAND & HART
POBOX 2208

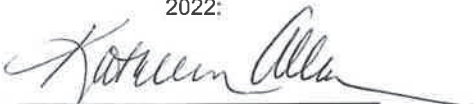
SANTA FE, NM 87504 -2208

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:

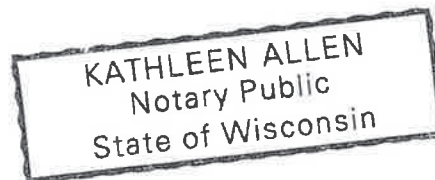
11/17/2022


Legal Clerk

Subscribed and sworn before me this November 17, 2022:


State of WI, County of Brown
NOTARY PUBLIC


My commission expires



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 Uhely, 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 & R Royalty Ltd; Rafael M. Maunio, 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 W00B 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 W00B 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



MS

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

MEWBOURNE OIL COMPANY

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

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

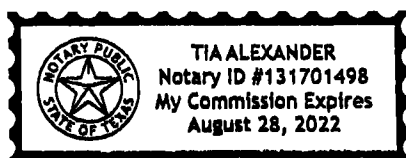
By: _____
Manuel Ybarra

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 15th 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 *ad*

MRC PERMIAN LKE COMPANY, LLC

By: 
Craig N. Adams, Executive Vice President *ad*

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.

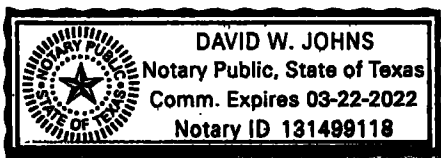
Notary Public, State of Texas

My Commission Expires: _____

STATE OF TEXAS

COUNTY OF DALLAS

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



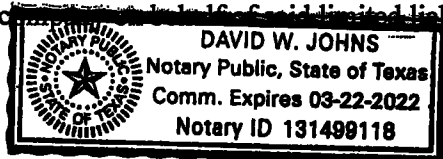
D. W. J.
Notary Public, State of Texas

My Commission Expires: 03/22/2022

STATE OF TEXAS

COUNTY OF DALLAS

This instrument was acknowledged before me on this 12th day of March, 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.



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 15th 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.

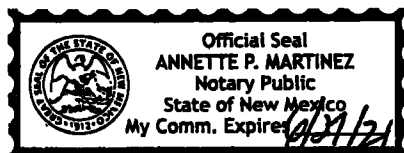
Notary Public, State of Texas

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 15th 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.

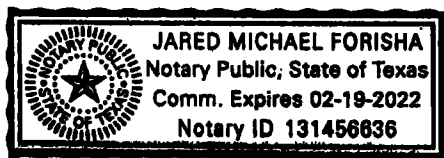
Notary Public, State of New Mexico

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 15th 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.

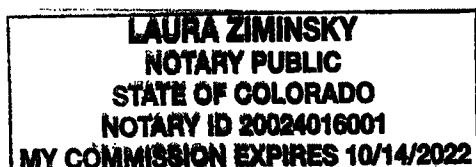
Notary Public, State of Texas

My Commission Expires: _____

STATE OF COLORADO

COUNTY OF ~~ARAPAHOE~~ **LARIMER**

This instrument was acknowledged before me on this 9th 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 15th 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

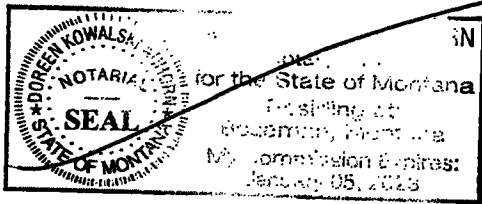
This instrument was acknowledged before me this ____ day of _____, 2020 by Mark A. Carter, Attorney-in-Fact for **COG PRODUCTION, LLC**, a Texas limited liability company, on behalf of said limited liability company.

Notary Public, State of Texas

My Commission Expires: _____

STATE OF MONTANA
COUNTY OF GALLATIN

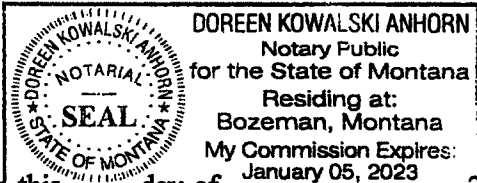
This instrument was acknowledged before me on this 3rd day of March, 2020 by Robert G. Laughner, President of SKYHOUSE, LLC.



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 15th day of February, 2020.

MEWBOURNE OIL COMPANY

By: _____
Corey Mitchell, Attorney-in-Fact

MRC PERMIAN COMPANY

By: _____
Craig N. Adams, Executive Vice President

TIERRA OIL COMPANY, LLC

By: _____
W. Chris Barnhill, President

PRISM ENERGY, LLC

By: _____
Gregory Petruska, Managing Member

BTA OIL PRODUCERS, LLC

By: _____
Barry Beal, Jr., Managing Member

By: _____
Martha Vasquez Ybarra

COG PRODUCTION, LLC

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

MRC PERMIAN LKE COMPANY, LLC

By: _____
Craig N. Adams, Executive Vice President

ALPHA ENERGY PARTNERS, LLC

By: _____
P. Nick Maxwell, Chief Executive Officer

SKYHOUSE, LLC

By: _____
Robert G. Laughner, President

KAISER-FRANCIS OIL COMPANY

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

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 15th 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.

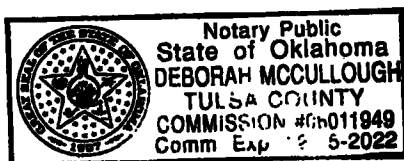
Notary Public, State of Texas

My Commission Expires: _____

STATE OF OKLAHOMA

COUNTY OF TULSA

This instrument was acknowledged before me on this 16th 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 15th 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.

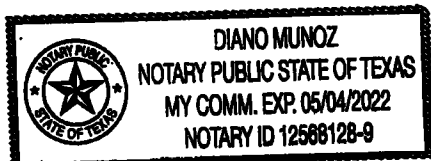
Notary Public, State of Oklahoma

My Commission Expires: _____

STATE OF TEXAS

COUNTY OF MIDLAND

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



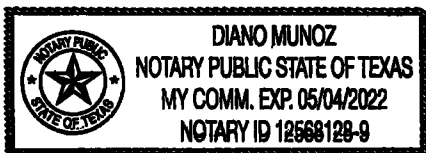
Diano Munoz
Notary Public, State of Texas

My Commission Expires: 05-04-2022

STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me on this 9th 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 uted 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 ut 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 ut 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 W00B 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 W00B 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 W00B 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

Reception: 2008871 Book: 1138 Page: 0939 Pages: 14

Recorded: 07/30/2020 01:33 PM Fee: \$25.00

Eddy County, New Mexico ~ Robin Van Natta, County Clerk

eRecorded Document



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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

MRC PERMIAN COMPANY

By: _____
Craig N. Adams, Executive Vice President

TIERRA OIL COMPANY, LLC

By: _____
W. Chris Barnhill, President

COG PRODUCTION, LLC

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

MRC PERMIAN LKE COMPANY, LLC

By: _____
Craig N. Adams, Executive Vice President

ALPHA ENERGY PARTNERS, LLC

By: _____
P. Nick Maxwell, Chief Executive Officer

PRISM ENERGY, LLC

By: _____
Gregory Petruska, Managing Member

BTA OIL PRODUCERS, LLC

By: _____
Barry Beal, Jr., Managing Member

By: _____
Martha Vasquez Ybarra

SKYHOUSE, LLC

By: _____
Robert G. Laughner, President

KAISER-FRANCIS OIL COMPANY

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

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: _____

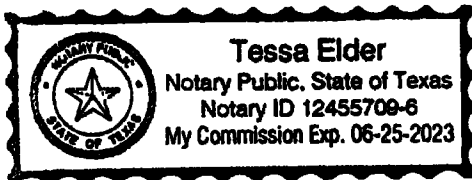
STATE OF TEXAS

COUNTY OF MIDLAND

This instrument was acknowledged before me this 20th 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 uted 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 Condry, 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"

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 @ 14.73 PSI
Starship 28/21 W0OB Fee #1H	215' FSL & 1200' FEL, Sec 28, T23S, R28E	30-015-46353	[98220] PURPLE SAGE, WOLFCAMP (GAS)	~3000	~1250
Starship 28/21 W0OB Fee #2H	215' FSL & 1230' FEL, Sec 28, T23S, R28E	30-015-46352	[98220] PURPLE SAGE, WOLFCAMP (GAS)	~3000	~1250
Thor 28 W0MD Fee #1H	612' FSL & 1222' FWL, Sec 28, T23S, R28E	30-015-46272	[98220] PURPLE SAGE, WOLFCAMP (GAS)	~2000	~1250
Thor 28 W0NC Fee #1H	612' FSL & 1252' FWL, Sec 28, T23S, R28E	30-015-46246	[98220] PURPLE SAGE, WOLFCAMP (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, NMOC 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, NMOC 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

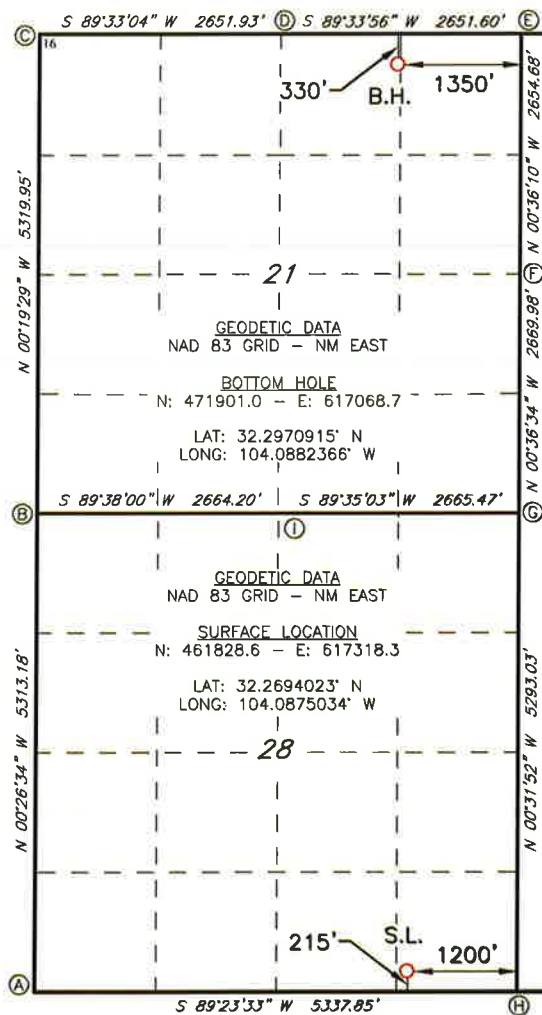
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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



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

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

Job No: LS19090918

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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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

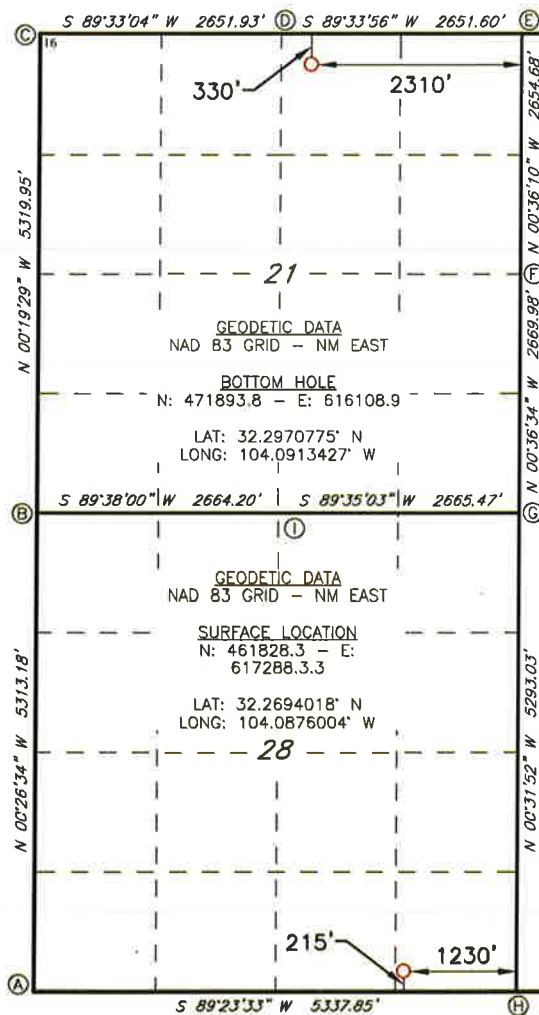
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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



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

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.

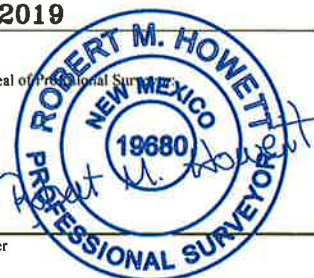
9-20-2019

Date of Survey _____

Signature and Seal of Professional Surveyor _____

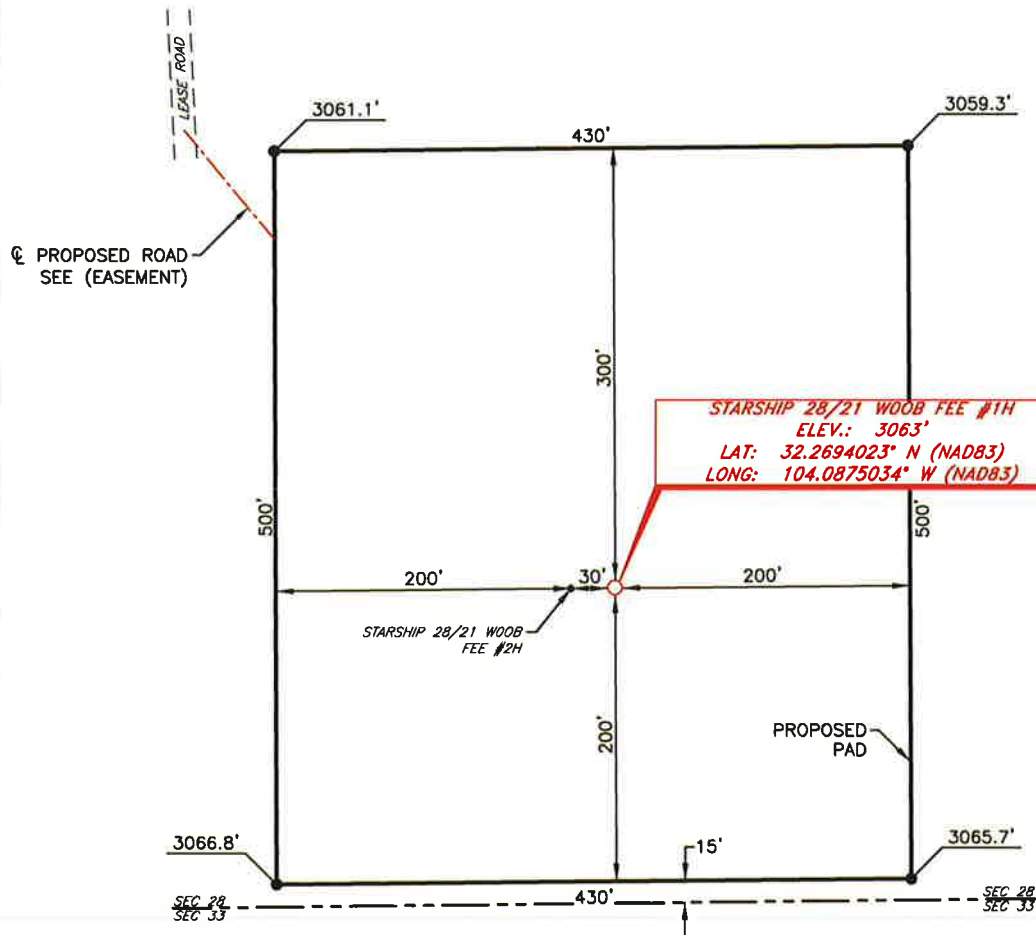
19680

Certificate Number



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	

RRC

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

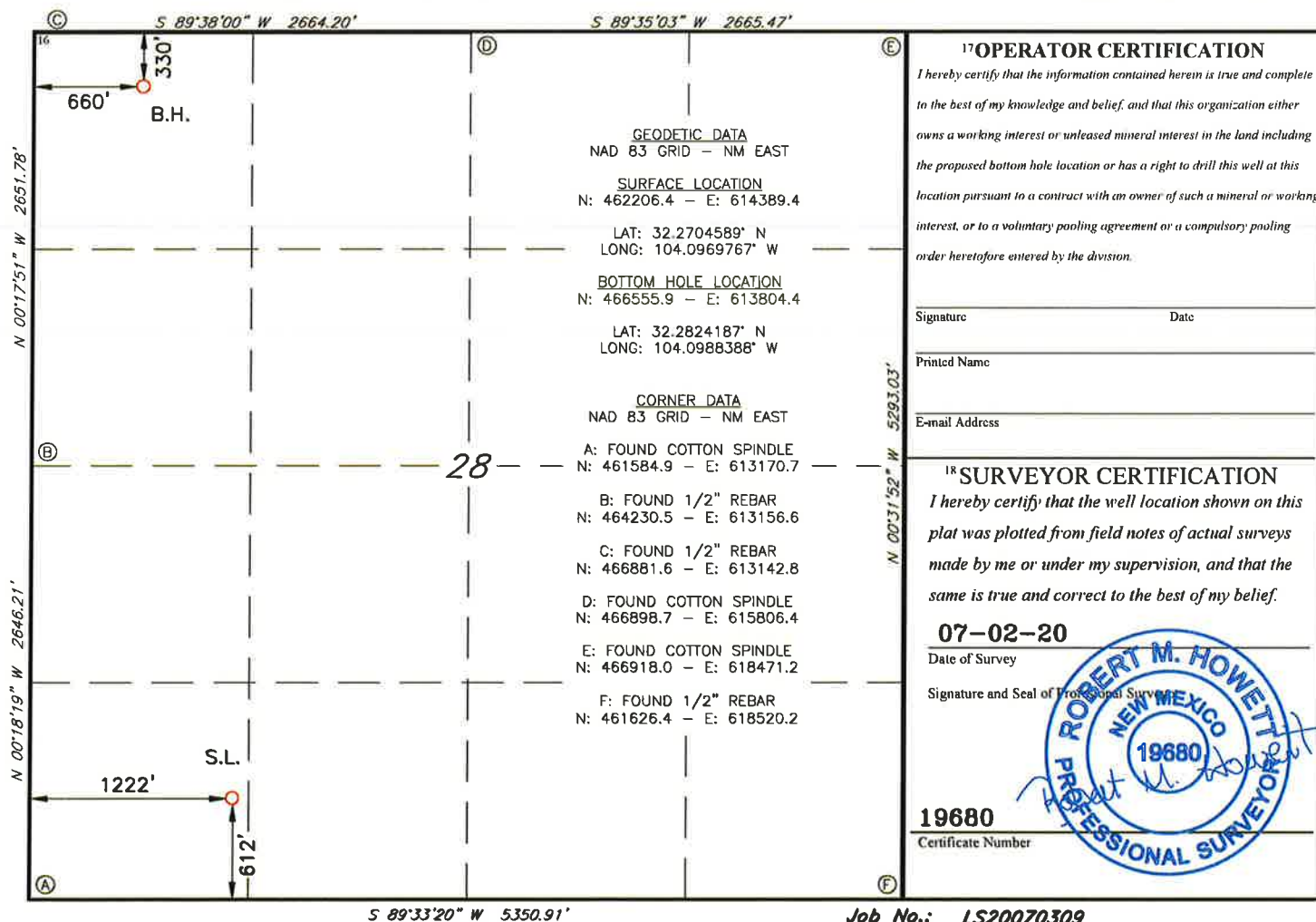
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name					
4 Property Code		5 Property Name THOR 28 WOMB FEE						6 Well Number 1H	
7 GRID NO.		8 Operator Name MEWBOURNE OIL COMPANY						9 Elevation 3083'	
10 Surface Location									
UL or lot no. M	Section 28	Township 23S	Range 28E	Lot Idn	Feet from the 612	North/South line SOUTH	Feet From the 1222	East/West line WEST	County EDDY
11 Bottom Hole Location If Different From Surface									
UL or lot no. D	Section 28	Township 23S	Range 28E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 660	East/West line WEST	County EDDY
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.



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 THOR 28 WONC FEE	⁶ Well Number 1H
⁷ OGRID NO.	⁸ Operator Name MEWBOURNE OIL COMPANY	⁹ Elevation 3083'

¹⁰ Surface Location

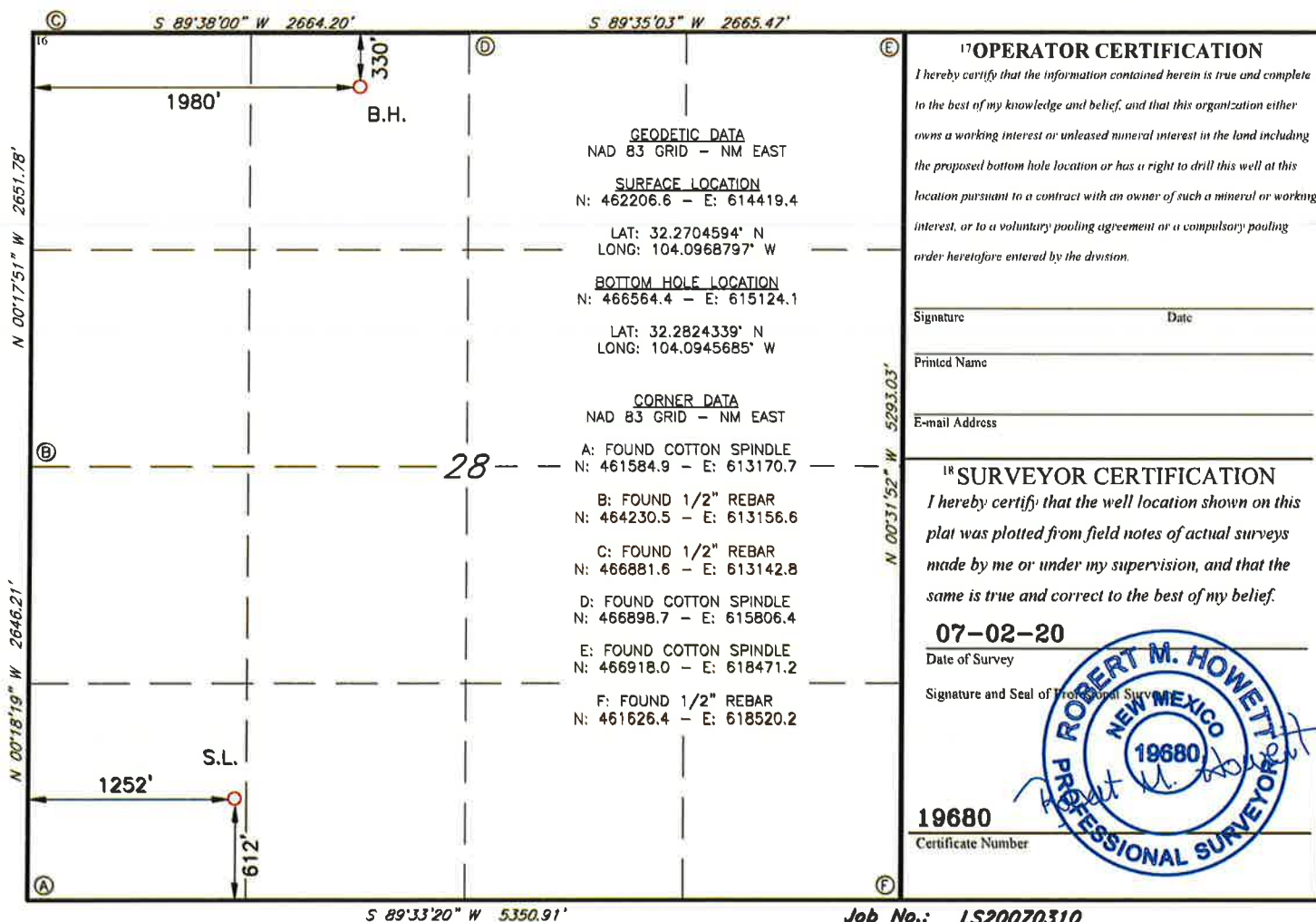
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
M	28	23S	28E		612	SOUTH	1252	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

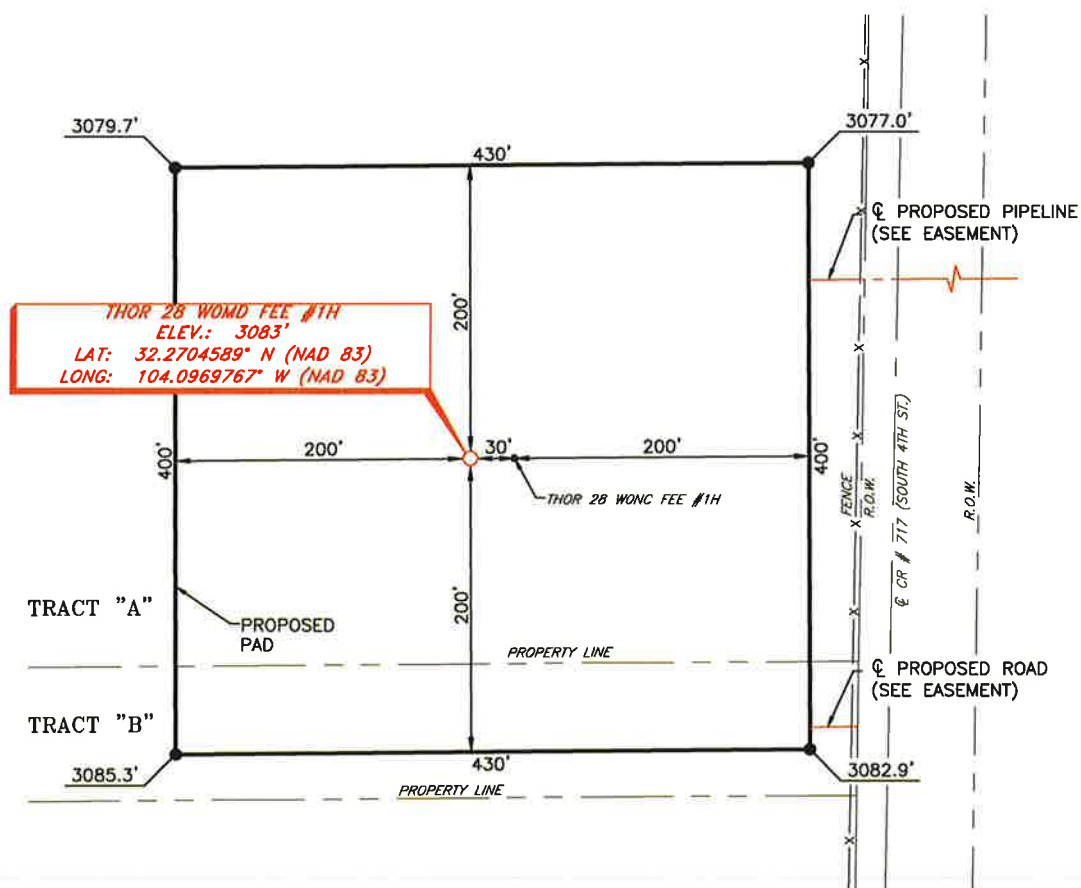
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	28	23S	28E		330	NORTH	1980	WEST	EDDY

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.



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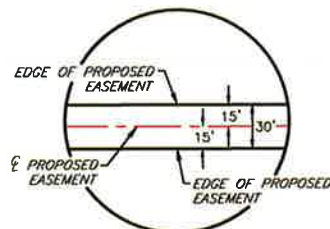
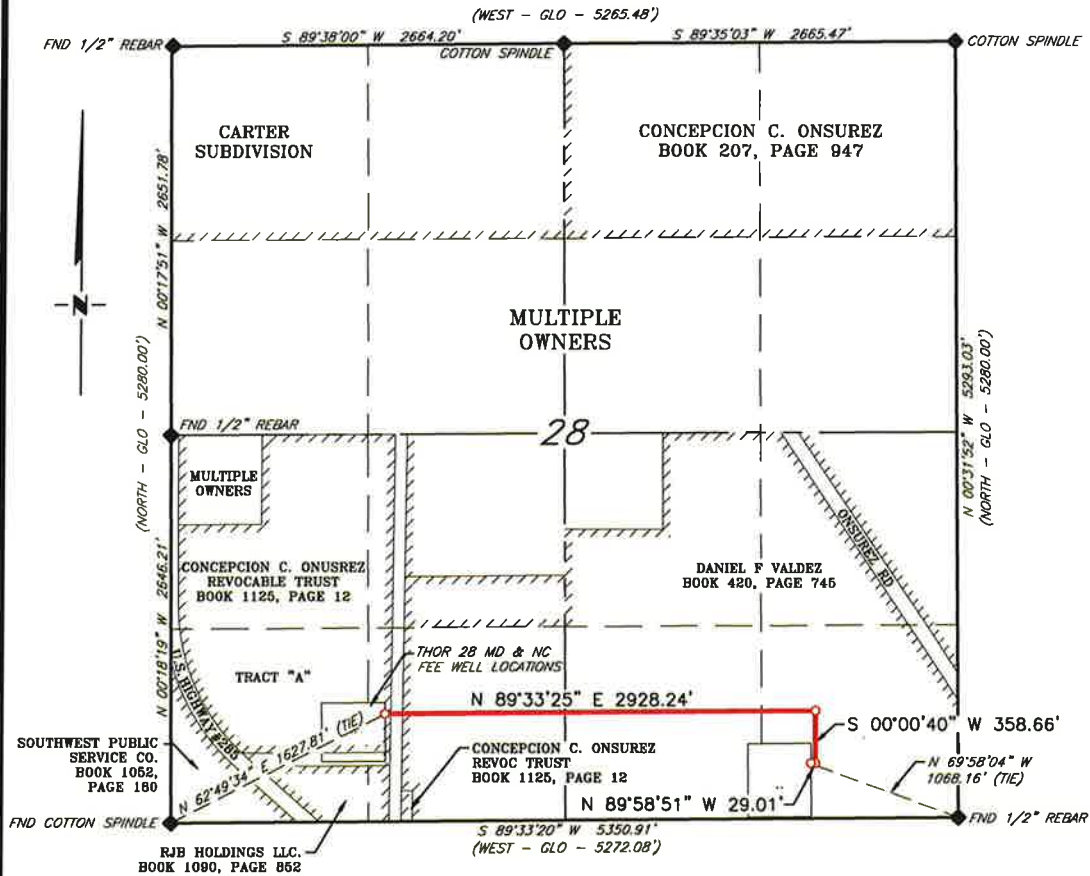
NO.	REVISION	DATE
JOB NO.:	LS20070309	
DWG. NO.:	20070309-4	

RRC

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



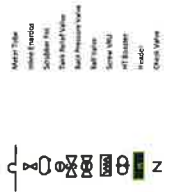
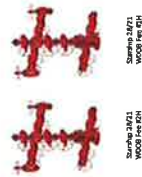
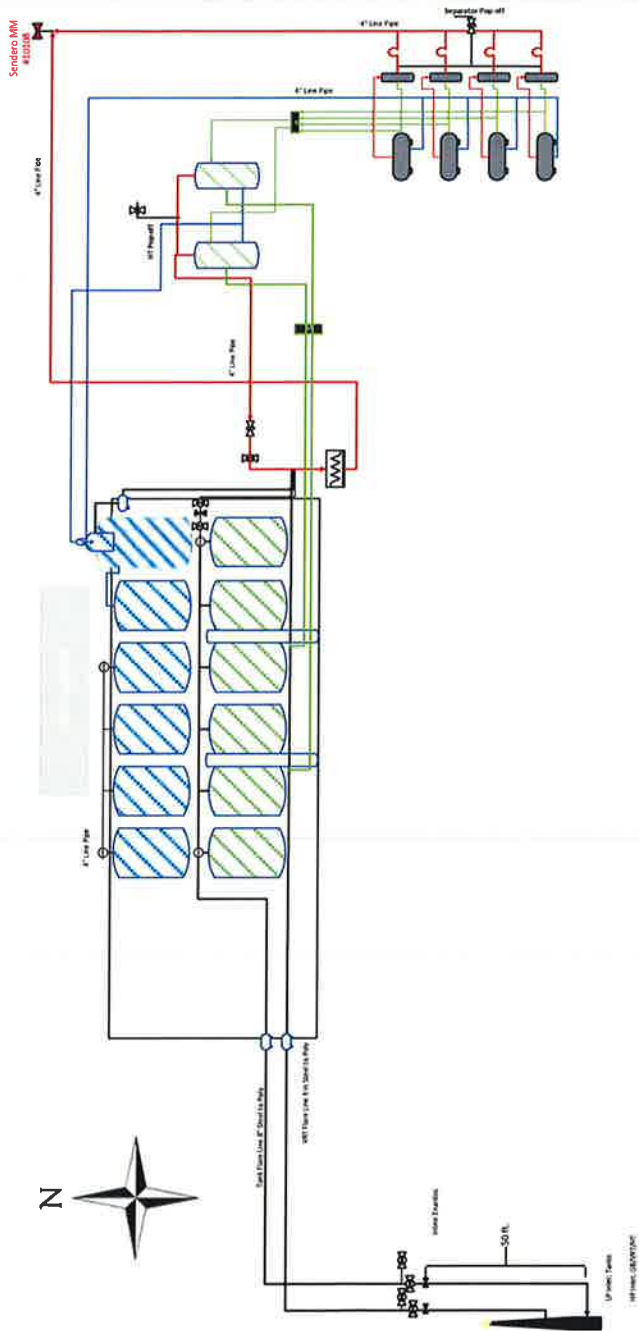
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1	REROUTE	7/20/20
NO.	REVISION	DATE
JOB NO.:	LS20070309R	
DWG. NO.:	20070309R-6	



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	Mesbroun 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:	(38220) PURPLE SAGE, VULFCAMP (GAS)
Wells in Facility	API #
Starship 28121 W00B Fee #1H	30-015-46353
Starship 28121 W00B Fee #2H	30-015-46352
Thor 28 W00B Fee #1H	30-015-46272
Thor 28 W00B 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

Print or Type Name

Signature

Senior Production Engineer 9/15/2020

Title

Date

 jbryand@mewbourne.com
 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: Joe Bryand

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

Well Name	Pool #	BOPD EST	Oil Gravity @ 60°	Value/bbl	MCFPD	Dry BTU @ 14.73 PSI	Value/MCF
Starship 28/21 W0OB Fee #1H	[98220] PURPLE SAGE, WOLFCAMP (GAS)	1500	48	\$40	~3000	~1250	\$1.28
Starship 28/21 W0OB Fee #2H	[98220] PURPLE SAGE, WOLFCAMP (GAS)	1500	48	\$40	~3000	~1250	\$1.28
Thor 28 W0MD Fee #1H	[98220] PURPLE SAGE, WOLFCAMP (GAS)	1000	48	\$40	~2000	~1250	\$1.28
Thor 28 W0NC Fee #1H	[98220] PURPLE SAGE, WOLFCAMP (GAS)	1000	48	\$40	~2000	~1250	\$1.28
CTB Combined		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
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
30-015-46352	Starship 28 21 W0OB Fee #2H	E/2	21-23S-28E	98220
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: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 10556
	Action Type: [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