

CASE NO. 22646

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

MEWBOURNE OIL COMPANY'S EXHIBIT LIST

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

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION**APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**Case No. 22646**APPLICATION**

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the N $\frac{1}{2}$ S $\frac{1}{2}$ of Section 21 and the N $\frac{1}{2}$ S $\frac{1}{2}$ of Section 20, Township 20 South, Range 27 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the N $\frac{1}{2}$ S $\frac{1}{2}$ of Section 21 and the N $\frac{1}{2}$ S $\frac{1}{2}$ of Section 20, and has the right to drill a well thereon.
2. Applicant proposes to drill the Wine Mixer 21/20 B3IL Fed. Com. Well No. 1H to a depth sufficient to test the Bone Spring formation, and to dedicate the N $\frac{1}{2}$ S $\frac{1}{2}$ of Section 21 and the N $\frac{1}{2}$ S $\frac{1}{2}$ of Section 20 to the well. The well is a horizontal well, with a first take point in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 21 and a last take point in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 20.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the N $\frac{1}{2}$ S $\frac{1}{2}$ of Section 21 and the N $\frac{1}{2}$ S $\frac{1}{2}$ of Section 20 for the purposes set forth herein.
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the Bone Spring

EXHIBIT /

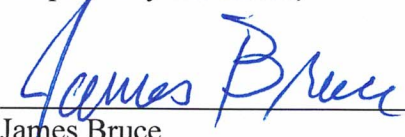
formation underlying N½S½ of Section 21 and the N½S½ of Section 20, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all mineral interest owners in the Bone Spring formation underlying the N½S½ of Section 21 and the N½S½ of Section 20 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all mineral interest owners in the Bone Spring formation underlying the N½S½ of Section 21 and the N½S½ of Section 20;
- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling, completing, and equipping the well, and allocating the cost among the well's working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, and equipping the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted,


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

Attorney for Mewbourne Oil Company

Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico.

Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2S/2 of Section 21 and the N/2S/2 of Section 20, Township 20 South, Range 27 East, NMPM. The unit will be dedicated to the Wine Mixer 21/20 B3IL Fed. Com. Well No. 1H, a horizontal well with a first take point in the NE/4SE/4 of Section 21 and a last take point in the NW/4SW/4 of Section 20. Also to be considered will be the cost of drilling, completing, and equipping the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling, completing, and equipping the well. The unit is located approximately 7 miles southeast of Lakewood, New Mexico.

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

**IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION FOR
THE PURPOSE OF CONSIDERING:**

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

Case No. 22646

SELF-AFFIRMED STATEMENT OF BRAXTON BLANDFORD

Braxton Blandford deposes and states:

1. I am a landman for Mewbourne Oil Company ("Mewbourne"), and have personal knowledge of the matters stated herein. My educational and work experience is as follows:

I graduated from Texas Tech University in May 2021 from the Energy Commerce program in the Rawls College of Business. I started working full time for Mewbourne Oil Company June 21, 2021, following my internship in the Summer of 2020.

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

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

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

5. A plat outlining the units being pooled is submitted as Attachment A. Mewbourne seeks orders pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2 S/2 of Section 20 and the N/2 S/2 of Section 21, Township 20 South, Range 27 East, NMPM. The unit will be dedicated to the Wine Mixer 21/20 B3IL Fed Com. Well No. 1H, with a first take point in the NE/4 SE/4 of Section 21 and a last take point in the NW/4 SW/4 of Section 20. There is no depth severance in the Bone Spring formation.

A form C-102 for the well is also submitted as part of Attachment A.

EXHIBIT

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6. The parties being pooled, and their interests, are set forth in Attachment B. Attachment C is a summary of communications and a sample copy of the proposal letters sent to the uncommitted working interest owners.

7. Some interest owners may be unlocatable. In order to locate the interest owners Mewbourne examined the records of Eddy County, State Land Office records, and the Bureau of Land Management records. In addition, we conducted internet searches using Drilling Info, Accurint, and generic name searches on Google.

Mewbourne has made a good faith effort to locate and obtain the voluntary joinder of the working interest owners in the proposed well.

8. Mewbourne has the right to pool the overriding royalty owners in the well unit.

9. Attachment D contains the Authorization for Expenditure for the proposed well. The estimated costs of the wells set forth therein are fair and reasonable, and comparable to the costs of other wells of similar depth and length drilled in this area of Eddy County.

10. Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

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

12. Mewbourne requests that it be designated operator of the well.

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

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

I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 14 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 4/6/2022

Braxton Blandford
Braxton Blandford



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 WINE MIXER 21/20 B3IL FED COM						6 Well Number 1H	
7 OGRID NO.		8 Operator Name MEWBORNE OIL COMPANY						9 Elevation 3252'	
10 Surface Location									
UL or lot no. P	Section 21	Township 20S	Range 27E	Lot Idn	Feet from the 1100	North/South line SOUTH	Feet From the 205	East/West line EAST	County EDDY
11 Bottom Hole Location If Different From Surface									
UL or lot no. L	Section 20	Township 20S	Range 27E	Lot Idn	Feet from the 1980	North/South line SOUTH	Feet from the 100	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.

16 CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1942" N: 564526.0 - E: 547939.6 B: FOUND BRASS CAP "1942" N: 567179.5 - E: 547933.9 C: FOUND BRASS CAP "1942" N: 569832.3 - E: 547927.8 D: FOUND BRASS CAP "1942" N: 569836.4 - E: 550580.5 E: FOUND BRASS CAP "1942" N: 569847.4 - E: 553234.1 F: FOUND BRASS CAP "1942" N: 569783.6 - E: 555882.0 G: FOUND BRASS CAP "1942" N: 569772.8 - E: 558534.1 H: FOUND BRASS CAP "1942" N: 567122.1 - E: 558516.4 I: FOUND BRASS CAP "1942" N: 564470.0 - E: 558504.7 J: FOUND BRASS CAP "1942" N: 564496.2 - E: 555846.6 K: CALCULATED CORNER N: 564525.5 - E: 553189.8		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. 06/14/2021 Date of Survey Signature and Seal of Professional Surveyor _____ 19680 Certificate Number		19680 Certificate Number Job No: LS21060610	

Section Plat Wine Mixer 21/20 B3IL Fed Com #1H Sections 20 & 21, T20S, R27E Eddy County, New Mexico			
Section 20		Section 21	
Tract 1	Tract 2	Tract 3	Tract 4

Tract 1: N/2 SW/4 of Section 20- Fed Lease NMNM 019598

Mewbourne Oil Company
 Abo Petroleum, LLC
 Vladin, LLC
 Trust Q U/W/O Peggy Yates
 Los Chicos

Tract 2: NW/4 SE/4 of Section 20- Fee Lease

Jalapeno Corporation
 Featherstone Development Corporation
 Claudia Rascoe Pickens
 Barbara O. Matson
 Kathleen O. Crabb

Tract 3: NE/4 SE/4 of Section 20- Fed Lease NMNM 0455265

Mewbourne Oil Company
 OXY USA WTP LP
 Fasken Land & Minerals, Ltd

Tract 4: N/2 S/2 of Section 21- State Lease V-4808-2

Mewbourne Oil Company
 OXY USA WTP LP
 Cactus Energy, Inc
 Dinero Operating Corporation
 Frank Suttles

The Allar Company
 Strategic Energy Income Fund IV, LP
 Fasken Land & Minerals, Ltd

ATTACHMENT

B

RECAPITULATION FOR WINE MIXER 21/20 FED COM #1H

Tract Number	Number of Acres Committed	Percentage of Interest in Communitized Area
1	80	25.00000%
2	40	12.50000%
3	40	12.500000%
4	160	50.000000%
TOTAL	320	100.000000%

TRACT OWNERSHIP

N/2 S/2 of Section 20 & N/2 S/2 of Section 21

Bone Spring Formation:

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	56.021875%
*OXY USA WTP LP	28.093750%
5 Greenway Plaza, Suite 110 Houston, Texas 77046	
*Fasken Land & Minerals 6101 Holiday Hill Rd Midland, Texas 79707	14.087500%
*Claudia Rascoe Pickens 2276 Savannah River Street Henderson, Nevada 89044	0.625000%
*Barbara Matson 309 Clema Avenue Saint Marys, West Virginia 26170	0.312500%
*Kathleen Crabb 395 Cliff Dr, Apt. 104 Pasadena, California 91107	0.312500%
*Frank Suttles P.O. Box 10725 Midland, Texas 79702	0.546875%
TOTAL	100.000000%
Total Interest Being Pooled:	43.978125%

OWNERSHIP BY TRACTN/2 SW/4 of Section 20Owner

Mewbourne Oil Company, et al

% of Leasehold Interest

100.000000%

TOTAL

100.000000%

NW/4 SE/4 of Section 20Owner

Mewbourne Oil Company, et al

% of Leasehold Interest

90.000000%

Claudia Rascoe Pickens

5.000000%

Barbara O. Matson

2.500000%

Kathleen O. Crabb

2.500000%

TOTAL

100.000000%

NE/4 SE/4 of Section 20Owner

Mewbourne Oil Company

% of Leasehold Interest

1.000000%

OXY USA WTP LP

50.000000%

Fasken Land & Minerals, Ltd

49.000000%

TOTAL

100.000000%

N/2 S/2 of Section 21Owner

Mewbourne Oil Company, et al

% of Leasehold Interest

39.293750%

OXY USA WTP LP

43.687500%

Fasken Land & Minerals, Ltd.

15.925000%

Frank Suttles

1.093750%

TOTAL

100.000000%

Summary of Communications

Wine Mixer 21/20 B3IL Fed Com #1H

N/2S/2 of Section 20 & N/2S/2 of Section 21

Wine Mixer 21/20 B3PM Fed Com #1H

S/2S/2 of Section 20 & S/2S/2 of Section 21

T20S-R27E, Eddy County, NM

C
ATTACHMENT

OXY USA WTP LP:

10/21/2021: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Proof of delivery is attached

11/02/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

11/03/2021: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

11/04/2021: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

Fasken Land & Minerals, Ltd.:

09/16/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

09/30/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

10/12/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

10/20/2021: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Proof of delivery is attached

12/02/2021: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

12/06/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

02/01/2022: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

02/11/2022: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

12/17/2022: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

02/28/2022: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

03/03/2022: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

03/10/2022: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

03/18/2022: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

03/28/2022: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

Claudia Rascoe Pickens:

10/21/2021: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Proof of delivery is attached.

4/4/2022: Called above listed party and tried to leave a voicemail but the voicemail was not set up.

Thomas R. Smith

10/20/2021: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Proof of delivery is attached

Called above listed party at several disconnected numbers.

Barbara O'Sullivan Matson

2/1/2022: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Proof of delivery is attached

4/4/2022: Called above listed party and left a voicemail.

Kathleen O'Sullivan Crabb

2/1/2022: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Returned

4/4/2022: Called above listed party left a voicemail.

Frank Suttles

10/20/2021: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party. Returned

Called several disconnected numbers found.

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

October 7, 2021

Via Certified Mail

Fasken Land & Minerals
6101 Holiday Hill Road
Midland, Texas 79707
Attn: Mike Wallace

Re:

Wine Mixer 21/20 B3IL Fed Com #1H
SL: 1110' FSL & 205' FEL (Section 21);
BHL: 1980' FSL & 100' FWL (Section 20)

Wine Mixer 21/20 B3PM Fed Com #1H
SL: 1080' FSL & 205' FEL (Section 21);
BHL: 660' FSL & 100' FWL (Section 20)

Sections 20 & 21, T20S, R27E
Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 1280.00 acre Working Interest Unit ("WIU") covering All of the captioned Section 20 and Section 21 for oil and gas production. The targeted interval for the initial test is the Bone Spring formation. Our records indicate that you own a portion of the operating rights in the WIU, and your working interest is reflected on the enclosed AFE.

In addition, Mewbourne hereby proposes to drill the captioned Wine Mixer 21/20 B3IL Fed Com #1H at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,230 feet subsurface to evaluate the Third Bone Spring Sand within the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 18,325 feet. The N/2S/2 of the captioned Section 20 and the N/2S/2 of the captioned Section 21 will be dedicated to the well as the proration unit.

Finally, Mewbourne hereby proposes to drill the captioned Wine Mixer 21/20 B3PM Fed Com #1H at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,249 feet subsurface to evaluate the Third Bone Spring Sand within the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 18,274 feet. The S/2S/2 of the captioned Section 20 and the S/2S/2 of the captioned Section 21 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling is our Operating Agreement dated October 1, 2021, along with an extra set of signature pages and our AFEs dated October 1, 2021, for the captioned proposed wells. Please sign and return said AFEs and extra set of signature pages at your earliest convenience if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

In lieu of participating, MOC hereby offers to purchase a Term Assignment with the details of the offer discussed in previous conversations between MOC and Fasken.

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

Sincerely,

MEWBOURNE OIL COMPANY

Barrett Buck
Landman

MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: WINE MIXER 21/20 B3IL FED COM #1H		Prospect: 3RD BSS (2.0 Mile Lateral)	
Location: SL: 1110 FSL & 205 FEL (21) ; BHL: 1980 FSL & 100 FWL (20)		County: Eddy ST: NM	
Sec: 21&20	Blk: 	Survey: 	TWP: 20S RNG: 27E Prop. TVD: 8230 TMD: 18325

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$75,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$75,000
Daywork / Turnkey / Footage Drilling	24 days drilg / 3 days comp @ \$19500/d	0180-0110	\$499,800	0180-0210	\$62,500
Fuel	1700 gal/day @ \$3/gal	0180-0114	\$130,700	0180-0214	\$330,000
Mud, Chemical & Additives		0180-0120	\$100,000	0180-0220	
Horizontal Drillout Services				0180-0222	\$200,000
Cementing		0180-0125	\$80,000	0180-0225	\$35,000
Logging & Wireline Services		0180-0130	\$2,300	0180-0230	\$383,000
Casing / Tubing / Snubbing Service		0180-0134	\$25,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$30,000		
Stimulation	51 Stg 20.2 MM gal / 20.2 MM lb			0180-0241	\$1,677,000
Stimulation Rentals & Other				0180-0242	\$200,000
Water & Other		0180-0145	\$40,000	0180-0245	\$410,000
Bits		0180-0148	\$106,100	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$150,000		
Transportation		0180-0165	\$30,000	0180-0265	\$15,000
Welding Services		0180-0168	\$4,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$112,000	0180-0270	\$58,100
Directional Services	Includes Vertical Control	0180-0175	\$310,000		
Equipment Rental		0180-0180	\$208,300	0180-0280	\$12,500
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$4,800	0180-0285	
Intangible Supplies		0180-0188	\$7,000	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
ROW & Easements		0180-0192		0180-0292	\$5,000
Pipeline Interconnect				0180-0293	
Company Supervision		0180-0195	\$132,000	0180-0295	\$40,000
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Well Abandonment		0180-0198		0180-0298	
Contingencies	10% (TCP) 10% (CC)	0180-0199	\$235,400	0180-0299	\$383,360
TOTAL			\$2,589,400		\$3,996,960

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	350' - 13 3/8" 54.5# J-55 ST&C @ \$48/ft	0181-0794	\$17,900		
Casing (8.1" - 10.0")	2000' - 9 5/8" 36# J-55 LT&C @ \$38/ft	0181-0795	\$81,200		
Casing (6.1" - 8.0")	8400' - 7" 29# HCP-110 LT&C @ \$28.5/ft	0181-0796	\$255,700		
Casing (4.1" - 6.0")	10690' - 4 1/2" 13.5# P-110 BPN @ \$15.5/ft			0181-0797	\$177,000
Tubing	8100' - 2 7/8" 6.5# L-80 Tbg @ \$13/ft			0181-0798	\$112,500
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$50,000
Sucker Rods				0181-0875	
Subsurface Equipment				0181-0880	\$25,000
Artificial Lift Systems	ESP			0181-0884	\$100,000
Pumping Unit				0181-0885	
Surface Pumps & Prime Movers	1/2 VRU/SWD TP			0181-0886	\$55,000
Tanks - Oil	1/2 of 6 - 750 bbl			0181-0890	\$60,000
Tanks - Water	1/2 of 5 - 750 bbl coated			0181-0891	\$50,000
Separation / Treating Equipment	1/2 GB/VRT/Flare			0181-0895	\$150,000
Heater Treaters, Line Heaters	8"x20"x75# HT			0181-0897	\$25,000
Metering Equipment				0181-0898	\$15,000
Line Pipe & Valves - Gathering	1/2 1 mile water			0181-0900	\$30,000
Fittings / Valves & Accessories				0181-0906	\$160,000
Cathodic Protection	Automation			0181-0908	\$15,000
Electrical Installation				0181-0909	\$93,750
Equipment Installation				0181-0910	\$93,750
Pipeline Construction	1/2 1 mile water			0181-0920	\$40,000
TOTAL			\$389,800		\$1,282,000
SUBTOTAL			\$2,979,200		\$5,278,960
TOTAL WELL COST			\$8,258,160		

Extra Expense Insurance	
☐	I elect to be covered by Operator's Extra Expense Insurance and pay my proportionate share of the premium. Operator has secured Extra Expense Insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.
☐	I elect to purchase my own well control insurance policy.
If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.	
Prepared by: G. Edington	Date: 10/1/2021
Company Approval: _____	Date: _____
Joint Owner Interest: _____ Amount: _____	Signature: _____
Joint Owner Name: _____	

Revised: 01/31/2018

ATTACHMENT

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

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

Case Nos. 21646 & 22647

SELF-AFFIRMED STATEMENT OF CHARLES CROSBY

COUNTY OF MIDLAND)
) ss.
STATE OF TEXAS)

Charles Crosby deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in these cases. I have been qualified by the Division as an expert petroleum geologist.
3. The following geological plats are attached hereto:
 - (a) Attachment A is a structure map on the top of the Wolfcamp formation (the base of the Third Bone Spring Sand). It shows that structure dips gently to the east-southeast. It also shows Bone Spring wells in the area, and a line of cross-section.
 - (b) Attachment B is a Third Bone Spring Sand Gross Thickness map.
 - (c) Attachment C is a cross section showing the Third Bone Spring Sand, the target zones for the proposed wells. The well logs on the cross-section give a representative sample of the Third Bone Spring Sand in this area. The sand is continuous and uniformly thick across the well units.
4. I conclude from the maps that:
 - (a) The horizontal spacing units are justified from a geologic standpoint.
 - (b) The target zone is continuous and of relatively uniform thickness across the well units.
 - (c) Each quarter-quarter section in the well units will contribute more or less equally to production.

EXHIBIT 3

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

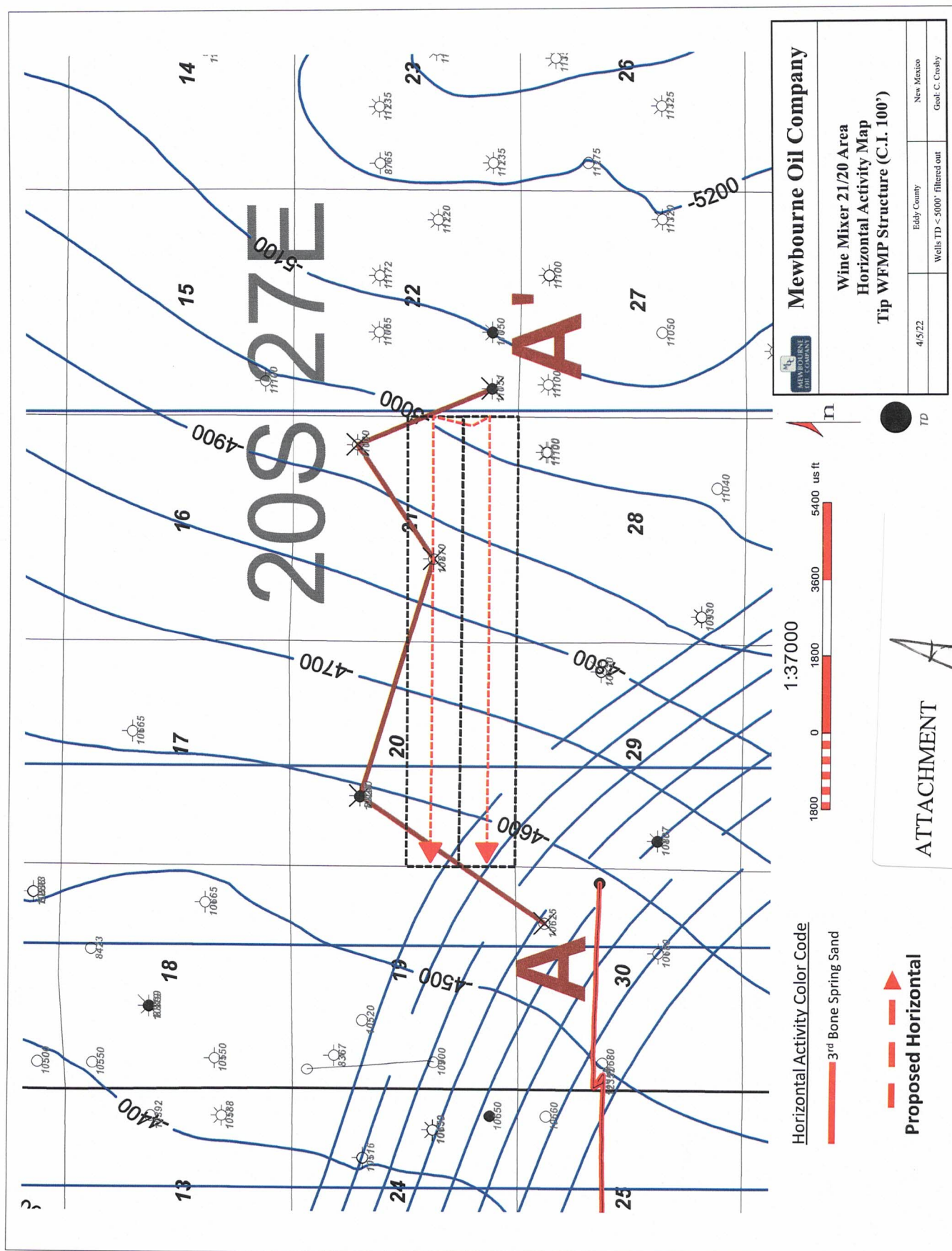
5. Attachment D contains information from other Third Bone Spring Sand wells drilled in this area. There are few wells on this area, but there is a preference for laydown wells.

6. Attachment E contains Survey Calculation Reports for the proposed wells. The producing interval of the wells will be orthodox.

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

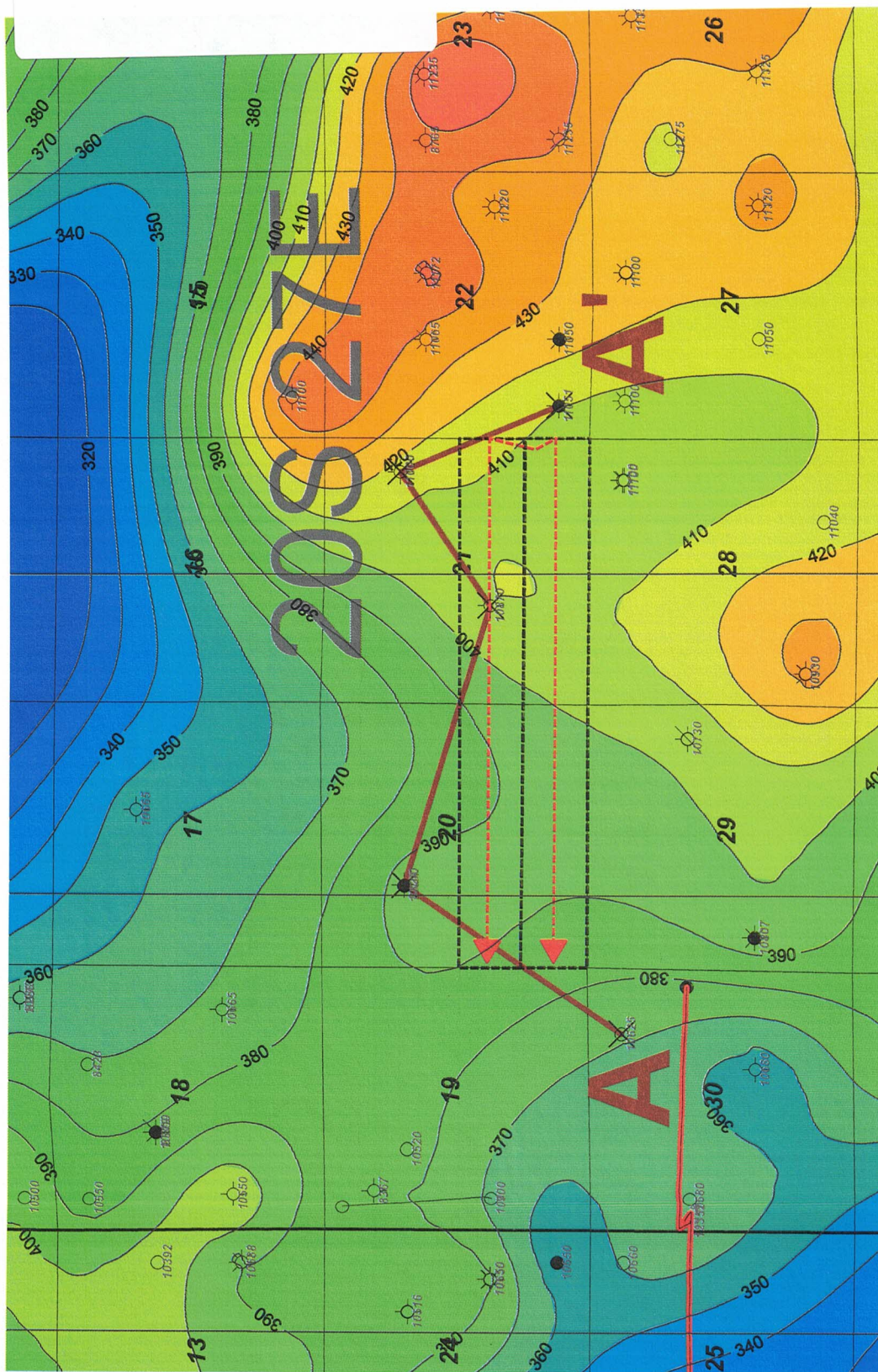
Date: 5/31/22


Charles Crosby



ATTACHMENT

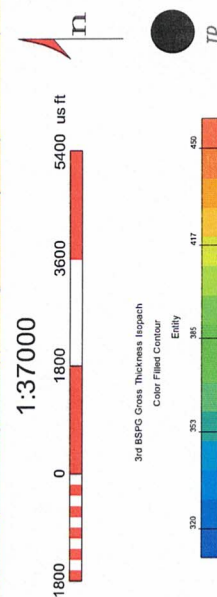
B



Mewbourne Oil Company

**Wine Mixer 21/20 Area
Horizontal Activity Map
3rd BSPG SD Target Gross Thickness (C.I. 10')**

4/5/22	Eddy County	New Mexico
Wells TD < 5000' filtered out		Geol. C. Crosby



Horizontal Activity Color Code

3rd Bone Spring Sand

Proposed Horizontal



Wine Mixer Area 3rd BSPG SD Horizontal Production Table

Well Name	Operator	API	Location	Completion Date	Cum Oil (Mbo)	Cum Gas (Bcf)	Cum Water (Mbw)	NS/EW	Production Zone
Catalina 30 EH State 1H	Tascosa	30015476410000	30E/20S/27E	3/29/2021	126.9	0.5	117.1	EW	3rd Bone Spring Sand
Catalina 25 EH State 1H	Tascosa	30015487360000	30E/20S/27E	11/22/2021	33.1	0.005	72.8	EW	3rd Bone Spring Sand

ATTACHMENT

D

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Wine Mixer 21/20 B3IL Fed Com 1H
KOP 7623.04
SL: 1100 FSL & 205 FEL; Sec 21P/20S/27E
PBHL: 1980 FSL & 100 FWL; Sec 20L/20S/27E

Target KBTVD: 8,196 Feet 8196.00
Target Angle: 92.46 Degrees 92.46
Section Plane: 275.08 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below Target	DRIFT (RADIAN)	AZIMUTH (RADIAN)
T/I	7623.04	0.00	275.08	N/A	7623.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	7623.0	573.0	1E-12	4.80 #VALUE!
1	7715.50	9.25	275.08	92.46	7715.1	7.4	0.7	-7.4	7.4	275.1	10.0	10.0	7715.4	480.6	0.1613724	4.80 0.161372
2	7807.96	18.49	275.08	92.46	7804.8	29.6	2.6	-29.5	29.6	275.1	10.0	10.0	7806.0	390.0	0.3227447	4.80 0.161372
3	7900.42	27.74	275.08	92.46	7889.7	65.8	5.8	-65.6	65.8	275.1	10.0	10.0	7892.5	303.5	0.4841171	4.80 0.161372
4	7992.88	36.98	275.08	92.46	7967.7	115.3	10.2	-114.8	115.3	275.1	10.0	10.0	7972.7	223.3	0.6454895	4.80 0.161372
5	8085.34	46.23	275.08	92.46	8036.8	176.6	15.6	-175.9	176.6	275.1	10.0	10.0	8044.4	151.6	0.8068619	4.80 0.161372
6	8177.80	55.48	275.08	92.46	8095.1	248.2	22.0	-247.3	248.2	275.1	10.0	10.0	8105.8	90.2	0.9682342	4.80 0.161372
7	8270.26	64.72	275.08	92.46	8141.1	328.3	29.1	-327.0	328.3	275.1	10.0	10.0	8155.2	40.8	1.1296066	4.80 0.161372
8	8362.72	73.97	275.08	92.46	8173.7	414.7	36.7	-413.1	414.7	275.1	10.0	10.0	8191.5	4.5	1.290979	4.80 0.161372
9	8455.18	83.21	275.08	92.46	8192.0	505.3	44.7	-503.3	505.3	275.1	10.0	10.0	8213.7	-17.7	1.4523514	4.80 0.161372
10	8547.64	92.46	275.08	92.46	8195.5	597.5	52.9	-595.2	597.5	275.1	10.0	10.0	8221.1	-25.1	1.6137237	4.80 0.161372
11	8600.00	92.46	275.08	52.362	8193.2	649.9	57.5	-647.3	649.9	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
12	8700.00	92.46	275.08	100	8188.9	749.8	66.4	-746.8	749.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
13	8800.00	92.46	275.08	100	8184.6	849.7	75.2	-846.3	849.7	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
14	8900.00	92.46	275.08	100	8180.4	949.6	84.1	-945.9	949.6	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
15	9000.00	92.46	275.08	100	8176.1	1049.5	92.9	-1045.4	1049.5	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
16	9100.00	92.46	275.08	100	8171.8	1149.4	101.7	-1144.9	1149.4	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
17	9200.00	92.46	275.08	100	8167.5	1249.3	110.6	-1244.4	1249.3	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
18	9300.00	92.46	275.08	100	8163.2	1349.2	119.4	-1343.9	1349.2	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
19	9400.00	92.46	275.08	100	8158.9	1449.1	128.3	-1443.4	1449.1	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
20	9500.00	92.46	275.08	100	8154.6	1549.0	137.1	-1543.0	1549.0	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
21	9600.00	92.46	275.08	100	8150.3	1648.9	146.0	-1642.5	1648.9	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
22	9700.00	92.46	275.08	100	8146.0	1748.8	154.8	-1742.0	1748.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
23	9800.00	92.46	275.08	100	8141.7	1848.8	163.6	-1841.5	1848.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
24	9900.00	92.46	275.08	100	8137.4	1948.7	172.5	-1941.0	1948.7	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
25	10000.00	92.46	275.08	100	8133.1	2048.6	181.3	-2040.5	2048.6	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
26	10100.00	92.46	275.08	100	8128.9	2148.5	190.2	-2140.0	2148.5	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
27	10200.00	92.46	275.08	100	8124.6	2248.4	199.0	-2239.6	2248.4	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
28	10300.00	92.46	275.08	100	8120.3	2348.3	207.9	-2339.1	2348.3	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
29	10400.00	92.46	275.08	100	8116.0	2448.2	216.7	-2438.6	2448.2	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
30	10500.00	92.46	275.08	100	8111.7	2548.1	225.5	-2538.1	2548.1	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
31	10600.00	92.46	275.08	100	8107.4	2648.0	234.4	-2637.6	2648.0	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
32	10700.00	92.46	275.08	100	8103.1	2747.9	243.2	-2737.1	2747.9	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
33	10800.00	92.46	275.08	100	8098.8	2847.8	252.1	-2836.7	2847.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
34	10900.00	92.46	275.08	100	8094.5	2947.7	260.9	-2936.2	2947.7	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
35	11000.00	92.46	275.08	100	8090.2	3047.6	269.8	-3035.7	3047.6	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
36	11100.00	92.46	275.08	100	8085.9	3147.6	278.6	-3135.2	3147.6	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
37	11200.00	92.46	275.08	100	8081.6	3247.5	287.5	-3234.7	3247.5	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
38	11300.00	92.46	275.08	100	8077.4	3347.4	296.3	-3334.2	3347.4	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
39	11400.00	92.46	275.08	100	8073.1	3447.3	305.1	-3433.7	3447.3	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
40	11500.00	92.46	275.08	100	8068.8	3547.2	314.0	-3533.3	3547.2	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
41	11600.00	92.46	275.08	100	8064.5	3647.1	322.8	-3632.8	3647.1	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
42	11700.00	92.46	275.08	100	8060.2	3747.0	331.7	-3732.3	3747.0	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
43	11800.00	92.46	275.08	100	8055.9	3846.9	340.5	-3831.8	3846.9	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
44	11900.00	92.46	275.08	100	8051.6	3946.8	349.4	-3931.3	3946.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
45	12000.00	92.46	275.08	100	8047.3	4046.7	358.2	-4030.8	4046.7	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
46	12100.00	92.46	275.08	100	8043.0	4146.6	367.0	-4130.4	4146.6	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
47	12200.00	92.46	275.08	100	8038.7	4246.5	375.9	-4229.9	4246.5	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
48	12300.00	92.46	275.08	100	8034.4	4346.5	384.7	-4329.4	4346.5	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
49	12400.00	92.46	275.08	100	8030.2	4446.4	393.6	-4428.9	4446.4	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
50	12500.00	92.46	275.08	100	8025.9	4546.3	402.4	-4528.4	4546.3	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
51	12600.00	92.46	275.08	100	8021.6	4646.2	411.3	-4627.9	4646.2	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
52	12700.00	92.46	275.08	100	8017.3	4746.1	420.1	-4727.5	4746.1	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
53	12800.00	92.46	275.08	100	8013.0	4846.0	428.9	-4827.0	4846.0	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
54	12900.00	92.46	275.08	100	8008.7	4945.9	437.8	-4926.5	4945.9	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
55	13000.00	92.46	275.08	100	8004.4	5045.8	446.6	-5026.0	5045.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10
56	13100.00	92.46	275.08	100	8000.1	5145.7	455.5	-5125.5	5145.7	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80 1E-10

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57	13200.00	92.46	275.08	100	7995.8	5245.6	464.3	-5225.0	5245.6	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
58	13300.00	92.46	275.08	100	7991.5	5345.5	473.2	-5324.5	5345.5	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
59	13400.00	92.46	275.08	100	7987.2	5445.4	482.0	-5424.1	5445.4	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
60	13500.00	92.46	275.08	100	7982.9	5545.3	490.9	-5523.6	5545.3	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
61	13600.00	92.46	275.08	100	7978.7	5645.3	499.7	-5623.1	5645.3	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
62	13700.00	92.46	275.08	100	7974.4	5745.2	508.5	-5722.6	5745.2	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
63	13800.00	92.46	275.08	100	7970.1	5845.1	517.4	-5822.1	5845.1	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
64	13900.00	92.46	275.08	100	7965.8	5945.0	526.2	-5921.6	5945.0	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
65	14000.00	92.46	275.08	100	7961.5	6044.9	535.1	-6021.2	6044.9	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
66	14100.00	92.46	275.08	100	7957.2	6144.8	543.9	-6120.7	6144.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
67	14200.00	92.46	275.08	100	7952.9	6244.7	552.8	-6220.2	6244.7	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
68	14300.00	92.46	275.08	100	7948.6	6344.6	561.6	-6319.7	6344.6	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
69	14400.00	92.46	275.08	100	7944.3	6444.5	570.4	-6419.2	6444.5	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
70	14500.00	92.46	275.08	100	7940.0	6544.4	579.3	-6518.7	6544.4	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
71	14600.00	92.46	275.08	100	7935.7	6644.3	588.1	-6618.3	6644.3	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
72	14700.00	92.46	275.08	100	7931.4	6744.2	597.0	-6717.8	6744.2	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
73	14800.00	92.46	275.08	100	7927.2	6844.1	605.8	-6817.3	6844.1	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
74	14900.00	92.46	275.08	100	7922.9	6944.1	614.7	-6916.8	6944.1	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
75	15000.00	92.46	275.08	100	7918.6	7044.0	623.5	-7016.3	7044.0	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
76	15100.00	92.46	275.08	100	7914.3	7143.9	632.3	-7115.8	7143.9	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
77	15200.00	92.46	275.08	100	7910.0	7243.8	641.2	-7215.3	7243.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
78	15300.00	92.46	275.08	100	7905.7	7343.7	650.0	-7314.9	7343.7	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
79	15400.00	92.46	275.08	100	7901.4	7443.6	658.9	-7414.4	7443.6	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
80	15500.00	92.46	275.08	100	7897.1	7543.5	667.7	-7513.9	7543.5	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
81	15600.00	92.46	275.08	100	7892.8	7643.4	676.6	-7613.4	7643.4	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
82	15700.00	92.46	275.08	100	7888.5	7743.3	685.4	-7712.9	7743.3	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
83	15800.00	92.46	275.08	100	7884.2	7843.2	694.3	-7812.4	7843.2	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
84	15900.00	92.46	275.08	100	7880.0	7943.1	703.1	-7912.0	7943.1	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
85	16000.00	92.46	275.08	100	7875.7	8043.0	711.9	-8011.5	8043.0	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
86	16100.00	92.46	275.08	100	7871.4	8143.0	720.8	-8111.0	8143.0	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
87	16200.00	92.46	275.08	100	7867.1	8242.9	729.6	-8210.5	8242.9	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
88	16300.00	92.46	275.08	100	7862.8	8342.8	738.5	-8310.0	8342.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
89	16400.00	92.46	275.08	100	7858.5	8442.7	747.3	-8409.5	8442.7	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
90	16500.00	92.46	275.08	100	7854.2	8542.6	756.2	-8509.1	8542.6	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
91	16600.00	92.46	275.08	100	7849.9	8642.5	765.0	-8608.6	8642.5	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
92	16700.00	92.46	275.08	100	7845.6	8742.4	773.8	-8708.1	8742.4	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
93	16800.00	92.46	275.08	100	7841.3	8842.3	782.7	-8807.6	8842.3	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
94	16900.00	92.46	275.08	100	7837.0	8942.2	791.5	-8907.1	8942.2	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
95	17000.00	92.46	275.08	100	7832.7	9042.1	800.4	-9006.6	9042.1	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
96	17100.00	92.46	275.08	100	7828.5	9142.0	809.2	-9106.1	9142.0	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
97	17200.00	92.46	275.08	100	7824.2	9241.9	818.1	-9205.7	9241.9	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
98	17300.00	92.46	275.08	100	7819.9	9341.8	826.9	-9305.2	9341.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
99	17400.00	92.46	275.08	100	7815.6	9441.8	835.7	-9404.7	9441.8	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
100	17500.00	92.46	275.08	100	7811.3	9541.7	844.6	-9504.2	9541.7	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
101	17600.00	92.46	275.08	100	7807.0	9641.6	853.4	-9603.7	9641.6	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
102	17700.00	92.46	275.08	100	7802.7	9741.5	862.3	-9703.2	9741.5	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
103	17800.00	92.46	275.08	100	7798.4	9841.4	871.1	-9802.8	9841.4	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
104	17900.00	92.46	275.08	100	7794.1	9941.3	880.0	-9902.3	9941.3	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
105	18000.00	92.46	275.08	100	7789.8	10041.2	888.8	-10001.8	10041.2	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
106	18100.00	92.46	275.08	100	7785.5	10141.1	897.7	-10101.3	10141.1	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
107	18200.00	92.46	275.08	100	7781.2	10241.0	906.5	-10200.8	10241.0	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
108	18254.44	92.46	275.08	54.439	7778.9	10295.4	911.3	-10255.0	10295.4	275.1	0.0	0.0	8221.1	-25.1	1.6137237	4.80	1E-10
109	18254.44	92.46	275.08	0	7778.9	10295.4	911.3	-10255.0	10295.4	275.1	#####	#####	8221.1	-25.1	1.6137237	4.80	1E-10

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Wine Mixer 21/20 B3PM Fed Com 1H
KOP 7670.04
SL: 1080 FSL & 205 FEL; Sec 21P/20S/27E
PBHL: 660 FSL & 100 FWL; Sec 20M/20S/27E

Target KBTVD: 8,243 Feet 8243.00
Target Angle: 92.70 Degrees 92.70
Section Plane: 267.83 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below Target	DRIFT (RADIANS)	AZIMUTH (RADIANS)
T/I	7670.04	0.00	267.83	N/A	7670.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	7670.0	573.0	1E-12	4.67 #VALUE!
1	7762.75	9.27	267.83	92.704	7762.3	7.5	-0.3	-7.5	7.5	267.8	10.0	10.0	7762.7	480.3	0.1617986	4.67 0.161799
2	7855.45	18.54	267.83	92.704	7852.2	29.7	-1.1	-29.7	29.7	267.8	10.0	10.0	7853.6	389.4	0.3235971	4.67 0.161799
3	7948.15	27.81	267.83	92.704	7937.4	66.2	-2.5	-66.1	66.2	267.8	10.0	10.0	7940.5	302.5	0.4853957	4.67 0.161799
4	8040.86	37.08	267.83	92.704	8015.5	115.9	-4.4	-115.8	115.9	267.8	10.0	10.0	8021.0	222.0	0.6471942	4.67 0.161799
5	8133.56	46.35	267.83	92.704	8084.6	177.5	-6.7	-177.4	177.5	267.8	10.0	10.0	8093.0	150.0	0.8089928	4.67 0.161799
6	8226.26	55.62	267.83	92.704	8142.9	249.4	-9.4	-249.3	249.4	267.8	10.0	10.0	8154.7	88.3	0.9707913	4.67 0.161799
7	8318.97	64.89	267.83	92.704	8188.9	329.8	-12.5	-329.6	329.8	267.8	10.0	10.0	8204.4	38.6	1.1325899	4.67 0.161799
8	8411.67	74.16	267.83	92.704	8221.3	416.6	-15.8	-416.3	416.6	267.8	10.0	10.0	8240.9	2.1	1.2943884	4.67 0.161799
9	8504.38	83.43	267.83	92.704	8239.2	507.4	-19.2	-507.1	507.4	267.8	10.0	10.0	8263.2	-20.2	1.456187	4.67 0.161799
10	8597.08	92.70	267.83	92.704	8242.4	600.0	-22.7	-599.6	600.0	267.8	10.0	10.0	8270.7	-27.7	1.6179855	4.67 0.161799
11	8600.00	92.70	267.83	2.9204	8242.2	602.9	-22.8	-602.5	602.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
12	8700.00	92.70	267.83	100	8237.5	702.8	-26.6	-702.3	702.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
13	8800.00	92.70	267.83	100	8232.8	802.7	-30.4	-802.1	802.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
14	8900.00	92.70	267.83	100	8228.1	902.6	-34.2	-901.9	902.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
15	9000.00	92.70	267.83	100	8223.4	1002.5	-38.0	-1001.7	1002.5	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
16	9100.00	92.70	267.83	100	8218.6	1102.3	-41.7	-1101.6	1102.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
17	9200.00	92.70	267.83	100	8213.9	1202.2	-45.5	-1201.4	1202.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
18	9300.00	92.70	267.83	100	8209.2	1302.1	-49.3	-1301.2	1302.1	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
19	9400.00	92.70	267.83	100	8204.5	1402.0	-53.1	-1401.0	1402.0	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
20	9500.00	92.70	267.83	100	8199.8	1501.9	-56.9	-1500.8	1501.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
21	9600.00	92.70	267.83	100	8195.1	1601.8	-60.7	-1600.6	1601.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
22	9700.00	92.70	267.83	100	8190.3	1701.7	-64.4	-1700.5	1701.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
23	9800.00	92.70	267.83	100	8185.6	1801.6	-68.2	-1800.3	1801.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
24	9900.00	92.70	267.83	100	8180.9	1901.5	-72.0	-1900.1	1901.5	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
25	10000.00	92.70	267.83	100	8176.2	2001.3	-75.8	-1999.9	2001.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
26	10100.00	92.70	267.83	100	8171.5	2101.2	-79.6	-2099.7	2101.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
27	10200.00	92.70	267.83	100	8166.7	2201.1	-83.3	-2199.5	2201.1	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
28	10300.00	92.70	267.83	100	8162.0	2301.0	-87.1	-2299.4	2301.0	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
29	10400.00	92.70	267.83	100	8157.3	2400.9	-90.9	-2399.2	2400.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
30	10500.00	92.70	267.83	100	8152.6	2500.8	-94.7	-2499.0	2500.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
31	10600.00	92.70	267.83	100	8147.9	2600.7	-98.5	-2598.8	2600.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
32	10700.00	92.70	267.83	100	8143.2	2700.6	-102.3	-2698.6	2700.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
33	10800.00	92.70	267.83	100	8138.4	2800.5	-106.0	-2798.4	2800.5	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
34	10900.00	92.70	267.83	100	8133.7	2900.3	-109.8	-2898.3	2900.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
35	11000.00	92.70	267.83	100	8129.0	3000.2	-113.6	-2998.1	3000.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
36	11100.00	92.70	267.83	100	8124.3	3100.1	-117.4	-3097.9	3100.1	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
37	11200.00	92.70	267.83	100	8119.6	3200.0	-121.2	-3197.7	3200.0	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
38	11300.00	92.70	267.83	100	8114.9	3299.9	-125.0	-3297.5	3299.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
39	11400.00	92.70	267.83	100	8110.1	3399.8	-128.7	-3397.3	3399.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
40	11500.00	92.70	267.83	100	8105.4	3499.7	-132.5	-3497.2	3499.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
41	11600.00	92.70	267.83	100	8100.7	3599.6	-136.3	-3597.0	3599.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
42	11700.00	92.70	267.83	100	8096.0	3699.5	-140.1	-3696.8	3699.5	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
43	11800.00	92.70	267.83	100	8091.3	3799.3	-143.9	-3796.6	3799.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
44	11900.00	92.70	267.83	100	8086.6	3899.2	-147.6	-3896.4	3899.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
45	12000.00	92.70	267.83	100	8081.8	3999.1	-151.4	-3996.2	3999.1	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
46	12100.00	92.70	267.83	100	8077.1	4099.0	-155.2	-4096.1	4099.0	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
47	12200.00	92.70	267.83	100	8072.4	4198.9	-159.0	-4195.9	4198.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
48	12300.00	92.70	267.83	100	8067.7	4298.8	-162.8	-4295.7	4298.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
49	12400.00	92.70	267.83	100	8063.0	4398.7	-166.6	-4395.5	4398.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
50	12500.00	92.70	267.83	100	8058.3	4498.6	-170.3	-4495.3	4498.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
51	12600.00	92.70	267.83	100	8053.5	4598.4	-174.1	-4595.2	4598.4	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
52	12700.00	92.70	267.83	100	8048.8	4698.3	-177.9	-4695.0	4698.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
53	12800.00	92.70	267.83	100	8044.1	4798.2	-181.7	-4794.8	4798.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
54	12900.00	92.70	267.83	100	8039.4	4898.1	-185.5	-4894.6	4898.1	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
55	13000.00	92.70	267.83	100	8034.7	4998.0	-189.3	-4994.4	4998.0	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10
56	13100.00	92.70	267.83	100	8030.0	5097.9	-193.0	-5094.2	5097.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67 1E-10

57	13200.00	92.70	267.83	100	8025.2	5197.8	-196.8	-5194.1	5197.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
58	13300.00	92.70	267.83	100	8020.5	5297.7	-200.6	-5293.9	5297.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
59	13400.00	92.70	267.83	100	8015.8	5397.6	-204.4	-5393.7	5397.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
60	13500.00	92.70	267.83	100	8011.1	5497.4	-208.2	-5493.5	5497.4	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
61	13600.00	92.70	267.83	100	8006.4	5597.3	-211.9	-5593.3	5597.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
62	13700.00	92.70	267.83	100	8001.6	5697.2	-215.7	-5693.1	5697.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
63	13800.00	92.70	267.83	100	7996.9	5797.1	-219.5	-5793.0	5797.1	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
64	13900.00	92.70	267.83	100	7992.2	5897.0	-223.3	-5892.8	5897.0	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
65	14000.00	92.70	267.83	100	7987.5	5996.9	-227.1	-5992.6	5996.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
66	14100.00	92.70	267.83	100	7982.8	6096.8	-230.9	-6092.4	6096.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
67	14200.00	92.70	267.83	100	7978.1	6196.7	-234.6	-6192.2	6196.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
68	14300.00	92.70	267.83	100	7973.3	6296.6	-238.4	-6292.0	6296.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
69	14400.00	92.70	267.83	100	7968.6	6396.4	-242.2	-6391.9	6396.4	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
70	14500.00	92.70	267.83	100	7963.9	6496.3	-246.0	-6491.7	6496.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
71	14600.00	92.70	267.83	100	7959.2	6596.2	-249.8	-6591.5	6596.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
72	14700.00	92.70	267.83	100	7954.5	6696.1	-253.6	-6691.3	6696.1	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
73	14800.00	92.70	267.83	100	7949.8	6796.0	-257.3	-6791.1	6796.0	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
74	14900.00	92.70	267.83	100	7945.0	6895.9	-261.1	-6890.9	6895.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
75	15000.00	92.70	267.83	100	7940.3	6995.8	-264.9	-6990.8	6995.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
76	15100.00	92.70	267.83	100	7935.6	7095.7	-268.7	-7090.6	7095.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
77	15200.00	92.70	267.83	100	7930.9	7195.6	-272.5	-7190.4	7195.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
78	15300.00	92.70	267.83	100	7926.2	7295.4	-276.2	-7290.2	7295.4	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
79	15400.00	92.70	267.83	100	7921.5	7395.3	-280.0	-7390.0	7395.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
80	15500.00	92.70	267.83	100	7916.7	7495.2	-283.8	-7489.8	7495.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
81	15600.00	92.70	267.83	100	7912.0	7595.1	-287.6	-7589.7	7595.1	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
82	15700.00	92.70	267.83	100	7907.3	7695.0	-291.4	-7689.5	7695.0	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
83	15800.00	92.70	267.83	100	7902.6	7794.9	-295.2	-7789.3	7794.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
84	15900.00	92.70	267.83	100	7897.9	7894.8	-298.9	-7889.1	7894.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
85	16000.00	92.70	267.83	100	7893.2	7994.7	-302.7	-7988.9	7994.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
86	16100.00	92.70	267.83	100	7888.4	8094.6	-306.5	-8088.7	8094.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
87	16200.00	92.70	267.83	100	7883.7	8194.4	-310.3	-8188.6	8194.4	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
88	16300.00	92.70	267.83	100	7879.0	8294.3	-314.1	-8288.4	8294.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
89	16400.00	92.70	267.83	100	7874.3	8394.2	-317.9	-8388.2	8394.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
90	16500.00	92.70	267.83	100	7869.6	8494.1	-321.6	-8488.0	8494.1	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
91	16600.00	92.70	267.83	100	7864.9	8594.0	-325.4	-8587.8	8594.0	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
92	16700.00	92.70	267.83	100	7860.1	8693.9	-329.2	-8687.7	8693.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
93	16800.00	92.70	267.83	100	7855.4	8793.8	-333.0	-8787.5	8793.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
94	16900.00	92.70	267.83	100	7850.7	8893.7	-336.8	-8887.3	8893.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
95	17000.00	92.70	267.83	100	7846.0	8993.6	-340.5	-8987.1	8993.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
96	17100.00	92.70	267.83	100	7841.3	9093.4	-344.3	-9086.9	9093.4	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
97	17200.00	92.70	267.83	100	7836.5	9193.3	-348.1	-9186.7	9193.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
98	17300.00	92.70	267.83	100	7831.8	9293.2	-351.9	-9286.6	9293.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
99	17400.00	92.70	267.83	100	7827.1	9393.1	-355.7	-9386.4	9393.1	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
100	17500.00	92.70	267.83	100	7822.4	9493.0	-359.5	-9486.2	9493.0	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
101	17600.00	92.70	267.83	100	7817.7	9592.9	-363.2	-9586.0	9592.9	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
102	17700.00	92.70	267.83	100	7813.0	9692.8	-367.0	-9685.8	9692.8	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
103	17800.00	92.70	267.83	100	7808.2	9792.7	-370.8	-9785.6	9792.7	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
104	17900.00	92.70	267.83	100	7803.5	9892.5	-374.6	-9885.5	9892.5	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
105	18000.00	92.70	267.83	100	7798.8	9992.4	-378.4	-9985.3	9992.4	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
106	18100.00	92.70	267.83	100	7794.1	10092.3	-382.2	-10085.1	10092.3	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
107	18200.00	92.70	267.83	100	7789.4	10192.2	-385.9	-10184.9	10192.2	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
108	18268.46	92.70	267.83	68.461	7786.1	10260.6	-388.5	-10253.2	10260.6	267.8	0.0	0.0	8270.7	-27.7	1.6179855	4.67	1E-10
109	18268.46	92.70	267.83	0	7786.1	10260.6	-388.5	-10253.2	10260.6	267.8	#####	#####	8270.7	-27.7	1.6179855	4.67	1E-10

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

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

Case No. 22646

SELF-AFFIRMED STATEMENT OF NOTICE

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

James Bruce deposes and states:

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

Date:

6/17/22

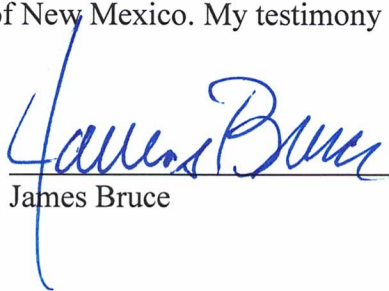

James Bruce

EXHIBIT 4

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

May 26, 2022

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling (Case No. 22646), filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, seeking to pool all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2S/2 of Section 21 and the N/2S/2 of Section 20, Township 20 South, Range 27 East, NMPM. The unit will be dedicated to the Wine Mixer 21/20 B3IL Fed. Com. Well No. 1H, a horizontal well with a first take point in the NE/4SE/4 of Section 21.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, June 16, 2022. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at ocd.hearings@state.nm.us, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,


James Bruce

Attorney for Mewbourne Oil Company

ATTACHMENT 

EXHIBIT A

Wine Mixer 21/20 B3IL Federal Com #1H

OXY USA WTP LP
5 Greenway Plaza, Suite 110
Houston, Texas 77046

Fasken Land & Minerals, Ltd.
6101 Holiday Hill Road
Midland, Texas 79707

Claudia Rascoe Pickens
2276 Savannah River Street
Henderson, Nevada 89044

Barbara O. Matson
309 Clemaave
Saint Marys WV 26170

Kathleen O. Crabb
395 Cliff Dr Apt 104
Pasadena, California 91107

Strategic Energy Income Fund IV, LP
1521 North Cooper Street, Suite 700
Arlington, Texas 76011

Frank Suttles
PO Box 10725
Midland, TX 79702

Jane Ramsland Oil and Gas Partnership
P. O. Box 10505
Midland, Texas 79702

Bahnhof Holdings, LP
P. O. Box 10505
Midland, Texas 79702

Claudia R. Burch
P. O. Box 10505
Midland, Texas 79702

Thomas R. Smith
1409 South County Road 1130
Midland, Texas 79706

Elizabeth R. Robinson
P. O. Box 10505
Midland, Texas 79702

Tascosa Energy Partners, LLC
901 West Missouri Avenue
Midland, Texas 79701

Canyon Draw Resources, LLC
3333 Lee Parkway, Suite 750
Dallas, Texas 75219

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OFFICIAL USE		Certified Mail Fee	
Extra Services & Fees (check box, add fee as appropriate)		Postmark Here	
☐	Return Receipt (hardcopy)	\$	
☐	Return Receipt (electronic)	\$	
☐	Certified Mail Restricted Delivery	\$	
☐	Adult Signature Required	\$	
☐	Adult Signature Restricted Delivery	\$	
Postage		\$	
Total Postage and Fees		\$	
Frank Suttles PO Box 10725 Midland, TX 79702			
Sent To			
Street and Apt. No., or PO Box #			
City, State, Zip+4®			

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Bahnhof Holdings, LP
 P. O. Box 10505
 Midland, Texas 79702

2. Article Number: 7021 0950 0002 0372 1915
 9590 9402 6746 1074 2387 21

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over \$500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

A. Signature *M. E. Matthews* ☐ Agent
 B. Received by (Printed Name) *M. E. Matthews* ☐ Addressee
 C. Date of Delivery *12-7-05*
 D. Is delivery address different from item 1? ☐ Yes
 If YES, enter delivery address below: ☐ No

Domestic Return Receipt

PS Form 3811, July 2020 PSN 7330-02-000-9053

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
1. Article Addressed to: Frank Suttles PO Box 10725 Midland, TX 79702	3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☒ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Insured Mail ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
2. A. Signature X B. Received by (Printed Name) J. Rusch	C. Date of Delivery 6-6-22 D. Is delivery address different from item 1? ☐ Yes ☐ No If YES, enter delivery address below: PO box 10725 Midland, 79702
 9590 9402 6746 1074 2387 45 702J 0950 0002 0372 1939	
PS Form 3811, July 2020 PSN 7530-02-000-9053	

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☐ Return Receipt (hardcopy) \$
 ☐ Return Receipt (electronic) \$
 ☐ Certified Mail Restricted Delivery \$
 ☐ Adult Signature Required \$
 ☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To

Bainhof Holdings, LP

P. O. Box 10505

Street and Apt. No., o Midland, Texas 79702

City, State, ZIP+4®

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PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

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Certified Mail Fee \$
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
Postage \$
Total Postage and Fees \$

Sent To Elizabeth R. Robinson
P. O. Box 10505
Midland, Texas 79702
Street and Apt. No., City, State, ZIP+4®
See Reverse for Instructions

PS Form 3800, April 2015 PSN 7530-02-000-9047

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■ Print your name and address on the reverse so that we can return the card to you.
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1. Article Addressed to:

Claudia R. Burch
P. O. Box 10505
Midland, Texas 79702

2. Article Number (Transfer from service label)
7021 0950 0002 0372 1908

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent
B. Received by (Printed Name) C. Date of Delivery
Mitzi Matthews 6-7-22
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☒ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

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Certified Mail Fee \$
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
Postage \$
Total Postage and Fees \$

Sent To Elizabeth R. Robinson
P. O. Box 10505
Midland, Texas 79702
Street and Apt. No., City, State, ZIP+4®
See Reverse for Instructions

PS Form 3800, April 2015 PSN 7530-02-000-9047

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■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Elizabeth R. Robinson
P. O. Box 10505
Midland, Texas 79702

2. Article Number (Transfer from service label)
7021 0950 0002 0372 1908

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent
B. Received by (Printed Name) C. Date of Delivery
Mitzi Matthews 6-7-22
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☒ Adult Signature Restricted Delivery
☐ Certified Mail®
☐ Collect on Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Jane Ramsland Oil and Gas Partnership
P. O. Box 10505
Midland, Texas 79702

2. A. Signature ☒ Agent
B. Received by (Printed Name) Mrs. Matthews C. Date of Delivery 6-7-22
D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☐ Priority Mail Express®
☐ Registered Mail™
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Signature Confirmation™
☐ Collect on Delivery
☐ Restricted Delivery

Postage
\$ 7021 0950 0002 0372 1922 (over \$500)

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

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Certified Mail Fee
\$
Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$

Postage
\$
Total Postage and Fees
\$

Sent To
Jane Ramsland Oil and Gas Partnership
P. O. Box 10505
Midland, Texas 79702

Street and Apt. No., or PO Box No.
City, State, ZIP+4®

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SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Fasken Land & Minerals, Ltd.
6101 Holiday Hill Road
Midland, Texas 79707

2. Article
7021 0950 0002 0372 1984

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature Cynthia Moreno ☐ Agent ☐ Addressee
B. Received by (Printed Name) Cynthia Moreno C. Date of Delivery 6-7-22
D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☐ Priority Mail Express®
☐ Registered Mail™
☒ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Signature Confirmation™
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery

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Here

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

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Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To Tascosa Energy Partners, LLC
901 West Missouri Avenue
Midland, Texas 79701

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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

9287 2260 2000 0560 7202

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Strategic Energy Income Fund IV, LP
1521 North Cooper Street, Suite 700
Arlington, Texas 76011

2. Article 7021 0950 0002 0372 1946

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery 6-10-22

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type

☐ Priority Mail Express®

☐ Registered Mail™

☐ Adult Signature Restricted Delivery

☒ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Signature Confirmation™

☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery

Postmark Here

9590 9402 6746 1074 2387 52

3. Article 7021 0950 0002 0372 1946

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

Released to Imaging: 6/15/2022 9:17:45 AM

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OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To Tascosa Energy Partners, LLC
901 West Missouri Avenue
Midland, Texas 79701

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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

SENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3.

Print your name and address on the reverse so that we can return the card to you.

Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Tascosa Energy Partners, LLC
901 West Missouri Avenue
Midland, Texas 79701

2. Article 7021 0950 0002 0372 1878

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery 6-10-22

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type

☐ Priority Mail Express®

☐ Registered Mail™

☐ Adult Signature Restricted Delivery

☒ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Signature Confirmation™

☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery

Postmark Here

9590 9402 6746 1074 2386 84

3. Article 7021 0950 0002 0372 1878

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

9287 2260 2000 0560 7202

Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To Barbara O. Mason

Street and Apt. No., or PO Box 309 Clemave

City, State, ZIP+4® Saint Marys WV 26170

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

096T 22ED 2000 0560 T202

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.

■ Print your name and address on the reverse so that we can return the card to you.

■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Canyon Draw Resources, LLC
3333 Lee Parkway, Suite 750
Dallas, Texas 75219

2. Article Addressed to:

7021 0950 0002 0372 1861 (over \$500)

COMPLETE THIS SECTION ON DELIVERY

A. Signature X PT935 Agent ☒ Addressee ☐

B. Received by (Printed Name) POU19 C. Date of Delivery 6/4/22

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

3. Service Type

☐ Priority Mail Express®

☐ Adult Signature

☐ Registered Mail™

☐ Certified Mail®

☐ Collect on Delivery

☐ Signature Confirmation™

☐ Restricted Delivery

☐ Adult Signature Restricted Delivery

☐ Signature Confirmation Restricted Delivery

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

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.

■ Print your name and address on the reverse so that we can return the card to you.

■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

To: Mason
Barbara O. Mason
309 Clemave
Saint Marys WV 26170

2. Article Number (Transfer from sender label)

7021 0950 0002 0372 1960 (over \$500)

COMPLETE THIS SECTION ON DELIVERY

A. Signature X Barbara O. Mason Agent ☒ Addressee ☐

B. Received by (Printed Name) Barbara O. Mason C. Date of Delivery 6-4-22

D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

3. Service Type

☐ Priority Mail Express®

☐ Adult Signature

☐ Registered Mail™

☐ Certified Mail®

☐ Collect on Delivery

☐ Signature Confirmation™

☐ Restricted Delivery

☐ Adult Signature Restricted Delivery

☐ Signature Confirmation Restricted Delivery

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

U.S. Postal Service™

CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com

OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To Canyon Draw Resources, LLC

Street and Apt. No., or PO Box No. 3333 Lee Parkway, Suite 750

City, State, ZIP+4® Dallas, Texas 75219

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

7021 0950 0002 0372 1861

SENDER: COMPLETE THIS SECTION

■ Complete items 1, 2, and 3.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Claudia Rascoe Pickens
 2276 Savannah River Street
 Henderson, Nevada 89044

9590 9402 6746 1074 2387 83

2. Article Number (transfer from service label)
 7021 0950 0002 0372 1977

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent ☐ Addressee
Claudia Pickens

B. Received by (Printed Name) *Claudia Pickens* C. Date of Delivery *6/4/22*

D. Is delivery address different from item 1? ☐ Yes ☐ No
 If YES, enter delivery address below:

3. Service Type
☐ Adult Signature ☐ Priority Mail Express®
☐ Adult Signature Restricted Delivery ☐ Registered Mail™
☒ Certified Mail® ☐ Registered Mail Restricted Delivery
☐ Certified Mail Restricted Delivery ☐ Signature Confirmation™
☐ Collect on Delivery ☐ Signature Confirmation Restricted Delivery
☐ Collect on Delivery Restricted Delivery ☐ Insured Mail
☐ Insured Mail Restricted Delivery

Domestic Return Receipt *WX-1*

**U.S. Postal Service™
 CERTIFIED MAIL® RECEIPT**
 Domestic Mail Only

For delivery information, visit our website at www.usps.com.

OFFICIAL USE

Certified Mail Fee \$
 Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
 Postage \$
 Total Postage and Fees \$

Sent To Claudia Rascoe Pickens
 2276 Savannah River Street
 Henderson, Nevada 89044

Street and Apt. No., or PO Box
 City, State, ZIP+4®

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

7021 0950 0002 0372 1991

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy) \$	
☐ Return Receipt (electronic) \$	
☐ Certified Mail Restricted Delivery \$	
☐ Adult Signature Required \$	
☐ Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To OXY USA WTP LP 5 Greenway Plaza, Suite 110 Houston, Texas 77046	
Street and Apt. No., or P.O. Box	
City, State, ZIP+4®	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

7021 0950 0002 0372 1953

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy) \$	
☐ Return Receipt (electronic) \$	
☐ Certified Mail Restricted Delivery \$	
☐ Adult Signature Required \$	
☐ Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To Kathleen O. Crabb 395 Cliff Dr Apt 104 Pasadena, California 91107	
Street and Apt. No., or P.O. Box	
City, State, ZIP+4®	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

7021 0950 0002 0372 1892

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy) \$	
☐ Return Receipt (electronic) \$	
☐ Certified Mail Restricted Delivery \$	
☐ Adult Signature Required \$	
☐ Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To Thomas R. Smith 1409 South County Road 1130 Midland, Texas 79706	
Street and Apt. No., or P.O. Box	
City, State, ZIP+4®	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0005244200

This is not an invoice

JAMES BRUCE ATTORNEY AT LAW
POBOX 1056

SANTA FE, NM 87504

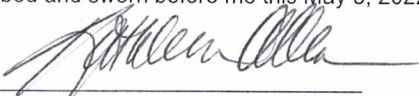
I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements 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:

05/05/2022



Legal Clerk

Subscribed and sworn before me this May 5, 2022:



State of WI, County of Brown
NOTARY PUBLIC

1-7-25

My commission expires

EXHIBIT

5

KATHLEEN ALLEN
Notary Public
State of Wisconsin

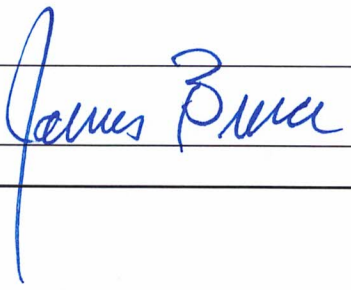
Ad # 0005244200
PO #: 0005244200
of Affidavits 1

This is not an invoice

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

Case:	22646	
Date	June 16, 2022	
Applicant	Mewbourne Oil Company	
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/OGRID No. 14744	
Applicant's Counsel:	James Bruce	
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico	
Entries of Appearance/Intervenors:		
Well Family	Wine Mixer Bone Spring wells	
Formation/Pool		
Formation Name(s) or Vertical Extent:	Bone Spring Formation	
Primary Product (Oil or Gas):	Oil	
Pooling this vertical extent:	Entire Bone Spring formation	
Pool Name and Pool Code:		
Well Location Setback Rules:	Current horizontal well rules	
Spacing Unit Size:	Quarter-quarter sections/40 acres	
Spacing Unit		
Type (Horizontal/Vertical)	Horizontal	
Size (Acres)	320 acres	
Building Blocks:	40 acres	
Orientation:	West-East	
Description: TRS/County	N/2S/2 §21 and N/2S/2 §20-20S-27E, NMPM, Eddy County	
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes	
Other Situations		
Depth Severance: Y/N. If yes, description	No	EXHIBIT 6
Proximity Tracts: If yes, description	No	
Proximity Defining Well: if yes, description		
Applicant's Ownership in Each Tract		
Well(s)		
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Wine Mixer 21/20 B3IL Fed. Com. Well No. 1H API No. 30-015-Pending SHL: 1100 FSL & 205 FEL §21 BHL: 1980 FSL & 100 FWL §20 FTP: 1980 FSL & 100 FEL §21 LTP: 1980 FSL & 100 FWL §20 Third Bone Spring/TVD 8230 feet/MD 18325 feet	

Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2
Requested Risk Charge	Exhibit 2
Notice of Hearing	
Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit 5
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit 2-B
Tract List (including lease numbers and owners)	Exhibit 2-B
Pooled Parties (including ownership type)	Exhibit 2-B
Unlocatable Parties to be Pooled	
Ownership Depth Severance (including percentage above & below)	None
Joinder	
Sample Copy of Proposal Letter	Exhibit 2--C
List of Interest Owners (<i>i.e.</i> Exhibit A of JOA)	Exhibit 2-B
Chronology of Contacts with Non-Joined Working Interests	Exhibit 2-C
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 2-D
Cost Estimate to Equip Well	Exhibit 2-D
Cost Estimate for Production Facilities	Exhibit 2-D
Geology	
Summary (including special considerations)	Exhibit 3
Spacing Unit Schematic	Exhibit 3-A
Gunbarrel/Lateral Trajectory Schematic	Exhibit 3-C
Well Orientation (with rationale)	Exhibit 3
Target Formation	Bone Spring
HSU Cross Section	Exhibit 3-C
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit 2-A
Tracts	Exhibit 2-B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 2-B

General Location Map (including basin)	Exhibit 2-A
Well Bore Location Map	Exhibit 2-A
Structure Contour Map - Subsea Depth	Exhibit 3-A
Cross Section Location Map (including wells)	Exhibit 3-A
Cross Section (including Landing Zone)	Exhibit 3-C
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	
Date:	June 14, 2022