

CASE NO. 23770

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

EXHIBIT LIST

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

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION**APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**Case No. 23770**APPLICATION**

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of all of Sections 19 and 20, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in all of Sections 19 and 20 (containing 1280 acres), and has the right to drill a well or wells thereon.
2. Applicant proposes to drill the following wells to depths sufficient to test the Bone Spring formation: (a) the Far West 19/20 B3DA Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of Section 19 and a last take point in the NE/4NE/4 of Section 20; and (b) the Far West 19/20 B3EH Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of Section 19 and a last take point in the SE/4NE/4 of Section 20. Applicant also intends to drill additional wells in the non-standard unit.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in all of Sections 19 and 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 wells or to otherwise commit their interests to the wells, certain interest owners have failed or refused to join in dedicating their interests.

EXHIBIT 1

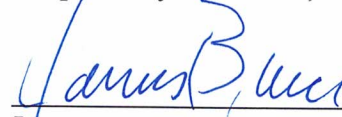
Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying all of Sections 19 and 20, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all uncommitted mineral interest owners in the Bone Spring formation underlying all of Sections 19 and 20 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

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

- A. Pooling all uncommitted mineral interest owners in the Bone Spring formation (Avalon; Bone Spring Pool/Pool Code 96381) underlying all of Sections 19 and 20;
- B. Designating applicant as operator of the proposed wells;
- C. Considering the cost of drilling, completing, testing, and equipping the wells, and allocating the cost among the wells' 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, testing, and equipping the wells in the event a working interest owner elects not to participate in the wells.

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 non-standard horizontal spacing unit comprised of all of Sections 19 and 20, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to: (a) the Far West 19/20 B3DA Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of Section 19 and a last take point in the NE/4NE/4 of Section 20; and (b) the Far West 19/20 B3EH Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of Section 19 and a last take point in the SE/4NE/4 of Section 20. Also to be considered will be the cost of drilling, completing, testing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, testing and equipping the wells. The well unit is located approximately 6-1/2 miles northwest of Carlsbad, 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. 23768

SELF-AFFIRMED STATEMENT OF BRAXTON BLANDFORD

Braxton Blandford, being duly sworn upon his oath, deposes and states:

1. I am a landman for Mewbourne Oil Company ("Mewbourne"), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.
2. Pursuant to Division Rules, the following information is submitted in support of this application.
3. The purpose of this application is to force pool uncommitted working interest owners into the non-standard Bone Spring horizontal spacing unit described below, and in wells to be drilled in the unit.
4. In this case Mewbourne seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of all of Sections 19 and 20, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to: (a) the Far West 19/20 B3DA Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of Section 19 and a last take point in the NE/4NE/4 of Section 20; and (b) the Far West 19/20 B3EH Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of Section 19 and a last take point in the SE/4NE/4 of Section 20. Approval of the non-standard spacing unit is being sought administratively.
5. There is no depth severance in the Bone Spring formation.
6. A plat outlining the unit being pooled is submitted as Attachment A. Forms C-102 for the wells are part of Attachment A.
7. The tracts in the unit, the leases, and the parties being pooled and their interests, are set forth in Attachment B. The persons noted with an asterisk are being pooled.

EXHIBIT

2

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

9. Attachment C contains a copy of the proposal letter sent to the interest owners being pooled. It also contains a summary of communications with the parties. Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed wells.

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

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

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

13. Mewbourne requests that it be designated operator of the wells.

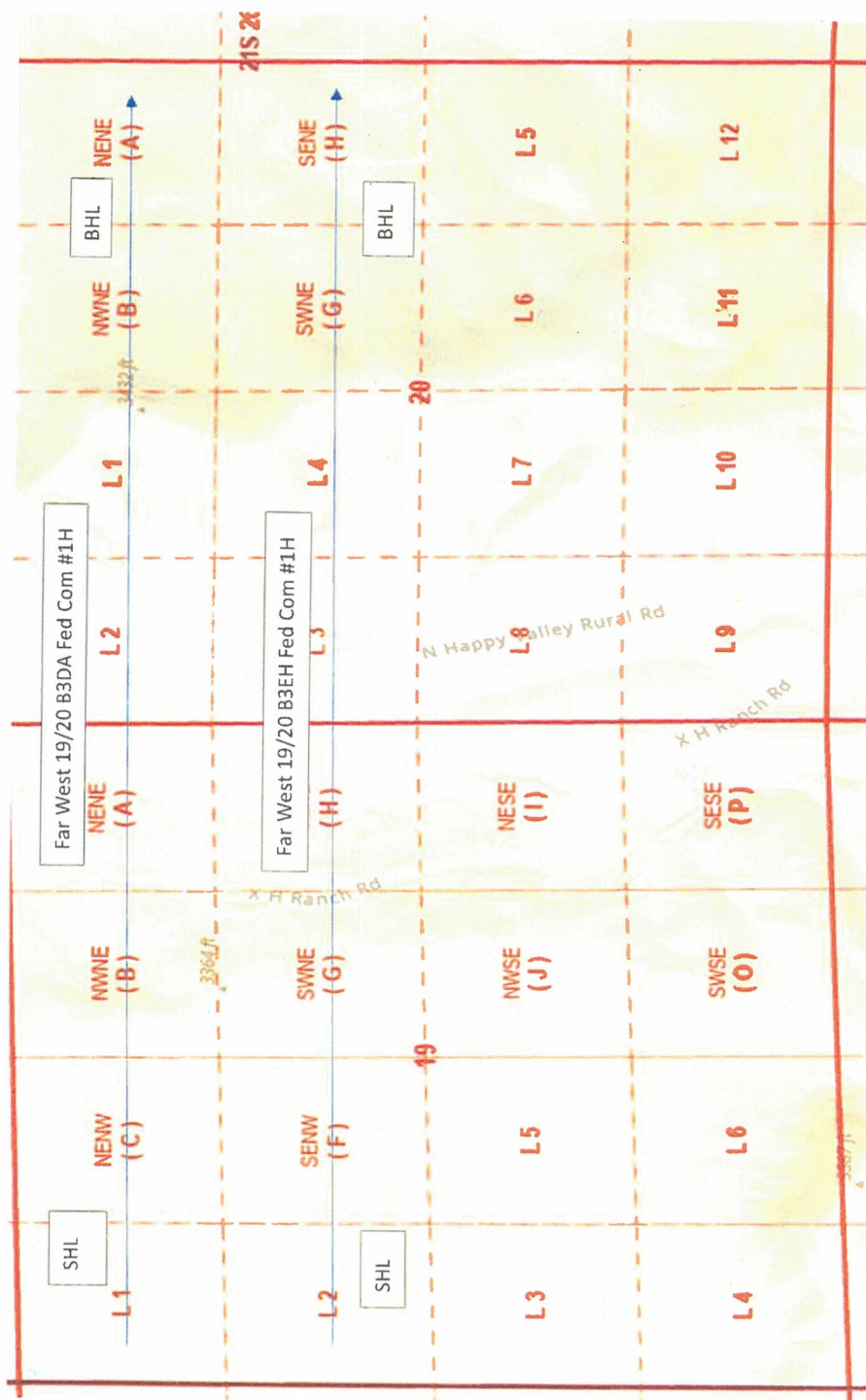
14. The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.

15. Granting 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 15 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: 9/5/2023

Braxton Blandford
Braxton Blandford



ATTACHMENT

A

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 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 96381		3 Pool Name Avalon Bone Spring	
4 Property Code		5 Property Name FAR WEST 19/20 B3DA FED COM		6 Well Number 1H	
7 GRID NO.		8 Operator Name MEWBOURNE OIL COMPANY		9 Elevation 3355'	
10 Surface Location					
UL or lot no. 2	Section 19	Township 21S	Range 26E	Lot Idn 1480	Feet from the North/South line NORTH
Feet From the		East/West line		County EDDY	
230		WEST			
11 Bottom Hole Location If Different From Surface					
UL or lot no. A	Section 20	Township 21S	Range 26E	Lot Idn 660	Feet from the North/South line NORTH
Feet From the		East/West line		County EDDY	
100		EAST			
12 Dedicated Acres 1280/more or less		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 GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 534144.4 - E: 539213.2 LAT: 32.4684261° N LONG: 104.3402215° W BOTTOM HOLE N: 535057.1 - E: 549470.8 LAT: 32.4709324° N LONG: 104.3069603° W A: FOUND BRASS CAP "1976" N: 530258.2 - E: 538996.3 B: FOUND BRASS CAP "1943" N: 532937.0 - E: 538987.2 C: FOUND BRASS CAP "1943" N: 535619.4 - E: 538978.5 D: FOUND BRASS CAP "1976" N: 535672.1 - E: 541600.3 E: FOUND 1/2" REBAR N: 535725.7 - E: 544254.6 F: FOUND BRASS CAP "1976" N: 535721.4 - E: 546906.4 G: FOUND BRASS CAP "1976" N: 535716.6 - E: 549558.6 H: FOUND BRASS CAP "1976" N: 530438.7 - E: 549655.7 I: FOUND BRASS CAP "1979" N: 530436.6 - E: 547042.6 J: FOUND BRASS CAP "1976" N: 530429.5 - E: 544377.8 K: FOUND BRASS CAP "1979" N: 530343.6 - E: 541673.1 L: FOUND BRASS CAP "1976" N: 533078.5 - E: 544316.5		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. 01/20/2023 Date of Survey Signature and Seal of Professional Surveyor _____ 19680 Certificate Number		

Job No.: LS23010037

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	
96381		Arava - Bone Spring			
4 Property Code		5 Property Name		6 Well Number	
		FAR WEST 19/20 B3EH FED COM		1H	
7 GRID NO.		8 Operator Name		9 Elevation	
		MEWBOURNE OIL COMPANY		3355'	
10 Surface Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the
2	19	21S	26E		1500
				North/South line	Feet From the
				NORTH	230
				East/West line	County
				WEST	EDDY
11 Bottom Hole Location If Different From Surface					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the
H	20	21S	26E		1980
				North/South line	Feet From the
				NORTH	100
				East/West line	County
				EAST	EDDY
12 Dedicated Acres		13 Joint or Infill		14 Consolidation Code	
1280/none or less				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 GEODETIC DATA NAD 83 GRID - NM EAST N: 534124.4 - E: 539213.2 LAT: 32.4683712° N LONG: 104.3402214° W SURFACE LOCATION N: 533737.6 - E: 549495.0 LAT: 32.4673054° N LONG: 104.3068827° W BOTTOM HOLE N: 533737.6 - E: 549495.0 LAT: 32.4673054° N LONG: 104.3068827° W A: FOUND BRASS CAP "1976" N: 530258.2 - E: 538996.3 B: FOUND BRASS CAP "1943" N: 532937.0 - E: 538987.2 C: FOUND BRASS CAP "1943" N: 535619.4 - E: 538978.5 D: FOUND BRASS CAP "1976" N: 535672.1 - E: 541600.3 E: FOUND 1/2" REBAR N: 535725.7 - E: 544254.6 F: FOUND BRASS CAP "1976" N: 535721.4 - E: 546906.4 G: FOUND BRASS CAP "1976" N: 535716.6 - E: 549558.6 H: FOUND BRASS CAP "1976" N: 530438.7 - E: 549655.7 I: FOUND BRASS CAP "1979" N: 530436.6 - E: 547042.6 J: FOUND BRASS CAP "1976" N: 530429.5 - E: 544377.8 K: FOUND BRASS CAP "1979" N: 530343.6 - E: 541673.1 L: FOUND BRASS CAP "1976" N: 533078.5 - E: 544316.5		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. Date of Survey 01/20/2023 Signature and Seal of Professional Surveyor 19680 Certificate Number		

Section Plat Far West 19/20 B3DA Fed Com #IH Far West 19/20 B3EH Fed Com #IH Sections 19 & 20, T21S, R26E Eddy County, New Mexico			
Tract 1	Tract 2	Tract 3	Tract 4
Section 19		Section 20	
Tract 1: NW/4 of Section 19- State Lease VC-0889-0000 Mewbourne Oil Company		Tract 2: NE/4 of Section 19- Fed Lease NMNM-106774A & NMNM-0106774C Petroc Oil Corporation BXP Partners V, LP Desert Production, Inc. Tascosa Energy Partners, LLC Canyon Draw Resources, LLC	
Tract 3: NW/4 of Section 20- Fed Lease NMNM-000084B Devon Energy Production Company, LP Fasken Acquisitions 02, Ltd.		Tract 4: NE/4 of Section 20- State Lease V0-5061-0000 Mewbourne Oil Company	

RECAPITULATION FOR FAR WEST 19/20 B3DA FED COM #IH & FAR WEST 19/20 B3EH FED COM #IH

	Number of Acres Committed	Percentage of Interest in Communitized Area
1	158.09	24.70272%
2	160	25.00117%
3	161.88	25.294936%
4	160	25.001172%
TOTAL	639.97	100.000000%

ATTACHMENT

B

<u>N/2 of Section 19 & N/2 of Section 20</u>		
<u>Bone Spring Formation:</u>		
Owner		
Mewbourne Oil Company, et al.		% of Leasehold Interest
* Devon Energy Production Company, LP		85.380956%
		14.228401%
* Canyon Draw Resources, LLC		0.361345%
* Tascosa Energy Partners, LLC		0.029298%
TOTAL		100.000000%
* Total Interest Being Pooled:	14.619044%	
<u>OWNERSHIP BY TRACT</u>		
<u>NW/4 of Section 19</u>		
Owner		% of Leasehold Interest
Mewbourne Oil Company		100.000000%
TOTAL		100.000000%
<u>NE/4 of Section 19</u>		
Owner		% of Leasehold Interest
Mewbourne Oil Company, et al.		98.437500%
Tascosa Energy Partners, LLC		0.117187%
Canyon Draw Resources, LLC		1.445313%
TOTAL		100.000000%
<u>NW/4 of Section 20</u>		
Owner		
Mewbourne Oil Company, et al.		43.750000%
Devon Energy Production Company, LP		56.250000%
TOTAL		100.000000%
<u>NE/4 of Section 20</u>		
Owner		
Mewbourne Oil Company		100.000000%
TOTAL		100.000000%

Summary of Communications

Far West 19/20 B3DA Fed Com #1H

Far West 19/20 B3EH Fed Com #1H

ALL of Sections 19 and 20

T21S-R26E, Eddy County, NM

Devon Energy Production Co., LP

10/10/2022: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

10/28/2022: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

11/1/2022: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

1/4/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

8/28/2023: Phone correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

8/29/2023: Phone correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

Canyon Draw Resources, LLC

Tascosa Energy Partners, LLC

8/1/2023: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

8/7/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

8/9/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

ATTACHMENT C

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715
FACSIMILE (432) 685-4170

August 1, 2023

Certified Mail

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

Re: Far West 19/20 B3DA Fed Com #1H and Far West 19/20 B3EH Fed Com #1H
1480' FNL & 205' FWL (Section 19) 1500' FNL & 205' FWL (Section 19)
660' FNL & 100' FEL (Section 20) 1980' FNL & 100' FEL (Section 20)

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne"), as Operator, proposes to form a 1,281.57 acre Working Interest Unit ("WIU") covering all the captioned Sections 19 and 20 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 as Operator hereby proposes to drill the captioned Far West 19/20 B3DA Fed Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,219 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 18,004 feet. All of Section 19 and Section 20 will be dedicated to the well as the proration unit.

Finally, Mewbourne as Operator hereby proposes to drill the captioned Far West 19/20 B3EH Fed Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,230 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 18,006 feet. All of Section 19 and Section 20 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, 2022, along with an extra set of signature pages and our AFEs dated September 26, 2022, 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.

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

Sincerely,

MEWBOURNE OIL COMPANY



Braxton Blandford
Landman



August 5, 2023

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:
9402 8361 0544 0166 8416 46.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	August 5, 2023, 9:32 am
Location:	DALLAS, TX 75219
Postal Product:	Priority Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic Up to \$100 insurance included
Recipient Name:	Erin Devlin

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

Erin Devlin
Canyon Draw Resource LLC
3333 Lee Parkway Suite 750
Dallas, TX 75219
Reference #: Far West



**Proof of Delivery
(Electronic)**

Date: 8/30/2023

Client Name:

Certified with RR(E) item number 9402836105440166861910,
addressed to Tascosa Energy Partners LLC was designated REFUND
at 3:16 PM on August 03, 2023.

The item number, time, date, city, state, and zip code is a true extract of
information provided by the United States Postal Service to
SimpleCertifiedMail.com.

Tascosa Energy Partners LLC
901 West Missouri Ave.
Midland, TX 79701
Reference #: Far West

The above information is for the sole use of SimpleCertifiedMail.com
clients and represents information provided by the United States Postal
Service.



October 14, 2022

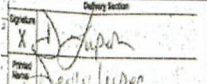
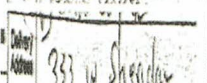
Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number:
9402 8368 9784 6886 8918 02.

Item Details

Status:	Delivered, Individual Picked Up at Postal Facility
Status Date / Time:	October 14, 2022, 7:51 am
Location:	OKLAHOMA CITY, OK 73102
Postal Product:	Priority Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic Up to \$100 insurance included
Recipient Name:	Land Department

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

Land Department
Devon Energy Production Co.
333 West Sheridan Ave.
Oklahoma City, OK 73102
Reference #: Far West 19 20

MEWBORNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: FAR WEST 19/20 B3DA FED COM #1H		Prospect: FAR WEST	
Location: SL: 1480 FNL & 205 FWL (19); BHL: 660 FNL & 100 FEL (20)		County: EDDY ST: NM	
Sec. 19	Blk:	Survey:	TWP: 21S RNG: 26E Prop. TVD: 8219 TMD: 18004

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$10,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$75,000	0180-0205	\$50,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$20,000
Daywork / Turnkey / Footage Drilling	20 days drlg / 3 days comp @ \$26,000/d	0180-0110	\$555,400	0180-0210	\$83,300
Fuel	1700 gal/day @ \$4.30/gal	0180-0114	\$156,100	0180-0214	\$373,000
Alternate Fuels		0180-0115		0180-0215	\$120,000
Mud, Chemical & Additives		0180-0120	\$40,000	0180-0220	
Mud - Specialized		0180-0121	\$220,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$240,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$145,000	0180-0225	\$55,000
Logging & Wireline Services		0180-0130	\$2,500	0180-0230	\$364,500
Casing / Tubing / Snubbing Service		0180-0134	\$30,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$35,000		
Stimulation	50 Stg 20.1 MMgal & 20.1 MMlbs			0180-0241	\$2,900,000
Stimulation Rentals & Other				0180-0242	\$320,000
Water & Other		0180-0145	\$35,000	0180-0245	\$408,900
Bits		0180-0148	\$86,000	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$120,000		
Transportation		0180-0165	\$30,000	0180-0265	\$20,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$147,400	0180-0270	\$67,300
Directional Services	Includes vertical control	0180-0175	\$290,500		
Equipment Rental		0180-0180	\$140,200	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,000	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190	\$80,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$88,200	0180-0295	\$37,800
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$129,000	0180-0299	\$262,000
TOTAL			\$2,709,300		\$5,502,300

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	600' - 13 3/8" 54.5# J-55 ST&C @ \$76.30/ft	0181-0794	\$48,900		
Casing (8.1" - 10.0")	2100' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft	0181-0795	\$136,400		
Casing (6.1" - 8.0")	8065' - 7" 29# HPP110 BT&C @ \$51.98/ft	0181-0796	\$447,700		
Casing (4.1" - 6.0")	10150' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft			0181-0797	\$318,500
Tubing	7360' - 2 7/8" 6.5# L-80 IPC Tbg @ \$14.80/ft			0181-0798	\$116,300
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools				0181-0871	\$50,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Service Pumps	(1/2) TP/CP/circ. pump			0181-0886	\$16,050
Storage Tanks	(1/2) 6 - 750 bbl/5 - 750 bbl coated/1 - GB			0181-0890	\$211,500
Emissions Control Equipment	(1/2) 3 - VRT/VRU/Flare/3 - KO/AIR			0181-0892	\$156,800
Separation / Treating Equipment	(1/2) 2 - Hz. Sep./Vt. Sep./Hz. HT/Vt. HT			0181-0895	\$111,600
Automation / Metering Equipment	Automation/fiber/meters			0181-0898	\$55,900
Line Pipe & Valves - Gathering	(1/2) Facility Work + GL Injection			0181-0900	\$29,900
Fittings / Valves & Accessories	Flowline/parts			0181-0906	\$176,200
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$70,000
Equipment Installation				0181-0910	\$81,000
Pipeline Construction	Facility gas work & GL injection			0181-0920	\$18,700
TOTAL			\$668,000		\$1,467,450
SUBTOTAL			\$3,377,300		\$6,969,750
TOTAL WELL COST					\$10,347,050

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: H. Buckley Date: 09/26/2022

Company Approval: Date:

Joint Owner Interest: Amount:

Joint Owner Name: Signature:

ATTACHMENT D

MEWBORNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: FAR WEST 19/20 B3EH FED COM #1H		Prospect: FAR WEST	
Location: SL: 1500 FNL & 205 FWL (19); BHL: 1980 FNL & 100 FEL (20)		County: EDDY ST: NM	
Sec. 19	Blk:	Survey:	TWP: 21S RNG: 26E Prop. TVD: 8230 TMD: 18006

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$10,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$75,000	0180-0205	\$50,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$20,000
Daywork / Turnkey / Footage Drilling	20 days drlg / 3 days comp @ \$26,000/d	0180-0110	\$555,400	0180-0210	\$83,300
Fuel	1700 gal/day @ \$4.30/gal	0180-0114	\$156,100	0180-0214	\$373,000
Alternate Fuels		0180-0115		0180-0215	\$120,000
Mud, Chemical & Additives		0180-0120	\$40,000	0180-0220	
Mud - Specialized		0180-0121	\$220,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$240,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$145,000	0180-0225	\$55,000
Logging & Wireline Services		0180-0130	\$2,500	0180-0230	\$364,500
Casing / Tubing / Snubbing Service		0180-0134	\$30,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$35,000		
Stimulation	50 Stg 20.1 MMgal & 20.1 MMlbs			0180-0241	\$2,900,000
Stimulation Rentals & Other				0180-0242	\$320,000
Water & Other					
Bits		0180-0145	\$35,000	0180-0245	\$408,900
Inspection & Repair Services		0180-0148	\$86,000	0180-0248	\$5,000
Misc. Air & Pumping Services		0180-0150	\$50,000	0180-0250	\$5,000
Testing & Flowback Services		0180-0154		0180-0254	\$10,000
Completion / Workover Rig		0180-0158	\$12,000	0180-0258	\$24,000
Rig Mobilization				0180-0260	\$10,500
Transportation		0180-0164	\$120,000		
Welding, Construction, & Maint. Services		0180-0165	\$30,000	0180-0265	\$20,000
Contract Services & Supervision		0180-0168	\$4,000	0180-0268	\$15,000
Directional Services	Includes vertical control	0180-0170	\$147,400	0180-0270	\$67,300
Equipment Rental		0180-0175	\$290,500		
Well / Lease Legal		0180-0180	\$140,200	0180-0280	\$20,000
Well / Lease Insurance		0180-0184	\$5,000	0180-0284	
Intangible Supplies		0180-0185	\$5,000	0180-0285	
Damages		0180-0188	\$8,000	0180-0288	\$1,000
Pipeline Interconnect & ROW Easements		0180-0190	\$80,000	0180-0290	\$10,000
Company Supervision		0180-0192		0180-0292	\$5,000
Overhead Fixed Rate		0180-0195	\$88,200	0180-0295	\$37,800
Contingencies	5% (TCP) 5% (CC)	0180-0196	\$10,000	0180-0296	\$20,000
		0180-0199	\$129,000	0180-0299	\$262,000
TOTAL			\$2,709,300		\$5,502,300

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	600' - 13 3/8" 54.5# J-55 ST&C @ \$76.30/ft	0181-0794	\$48,900		
Casing (8.1" - 10.0")	2100' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft	0181-0795	\$136,400		
Casing (6.1" - 8.0")	8075' - 7" 29# HPP110 BT&C @ \$51.98/ft	0181-0796	\$448,300		
Casing (4.1" - 6.0")	10150' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft			0181-0797	\$318,500
Tubing	7365' - 2 7/8" 6.5# L-80 IPC Tbg @ \$14.80/ft			0181-0798	\$116,400
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools				0181-0871	\$50,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Service Pumps	(1/2) TP/CP/circ. pump			0181-0886	\$16,050
Storage Tanks	(1/2) 6 - 750 bbl/5 - 750 bbl coated/1 - GB			0181-0890	\$211,500
Emissions Control Equipment	(1/2) 3 - VRT/VRU/Flare/3 - KO/AIR			0181-0892	\$156,800
Separation / Treating Equipment	(1/2) 2 - Hz. Sep./Vt. Sep./Hz. HT/Vt. HT			0181-0895	\$111,600
Automation / Metering Equipment	Automation/fiber/meters			0181-0898	\$55,900
Line Pipe & Valves - Gathering	(1/2) Facility Work + GL Injection			0181-0900	\$29,900
Fittings / Valves & Accessories	Flowline/parts			0181-0906	\$176,200
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$70,000
Equipment Installation				0181-0910	\$81,000
Pipeline Construction	Facility gas work & GL injection			0181-0920	\$18,700
TOTAL			\$668,600		\$1,467,550
SUBTOTAL			\$3,377,900		\$6,969,850
TOTAL WELL COST		\$10,347,750			

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: H. Buckley Date: 09/26/2022

Company Approval: _____ Date: _____

Joint Owner Interest: _____ Amount: _____

Joint Owner Name: _____ Signature: _____

**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 No. 23770

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. This case involves the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of all of Sections 19 and 20, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to the Far West 19/20 B3DA Fed. Com. Well No. 1H, with a first take point in the NW/4NW/4 of Section 19 and a last take point in the NE/4NE/4 of Section 20, and (b) the Far West 19/20 B3EH Fed. Com. Well No. 1H, with a first take point in the SW/4NW/4 of Section 19 and a last take point in the SE/4NE/4 of Section 20. Both wells are Third Bone Spring tests.
4. The following geological plats are attached hereto:
 - (a) Attachment A is a structure map on the top of the Wolfcamp formation. It shows that structure dips gently to the east-southeast. It also shows a line of cross-section.
 - (b) Attachment B is a cross section showing the Third Bone Spring Sand, the target zone 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 unit.
5. I conclude from the maps that:
 - (a) The horizontal spacing unit is justified from a geologic standpoint.

EXHIBIT

3

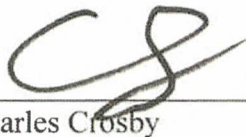
- (b) The target zone is continuous and of relatively uniform thickness across the well unit.
- (c) Each quarter-quarter section in the well unit will contribute more or less equally to production.
- (d) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.

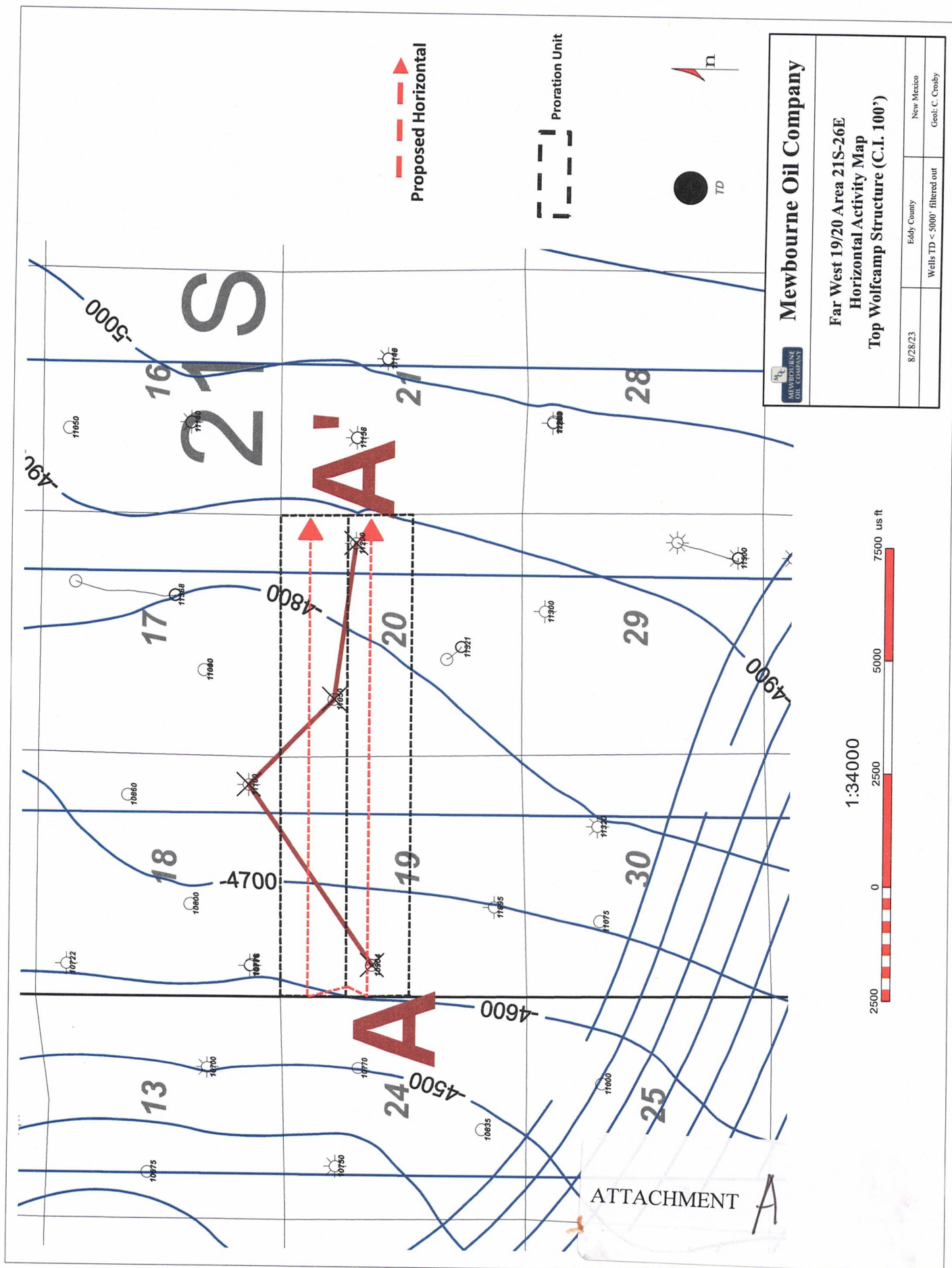
6. Attachment A shows that there are no Third Bone Spring Sand wells adjacent or close to the proposed well unit. Based on our geological examination and information from wells farther away, Mewbourne believes a laydown well unit is reasonable.

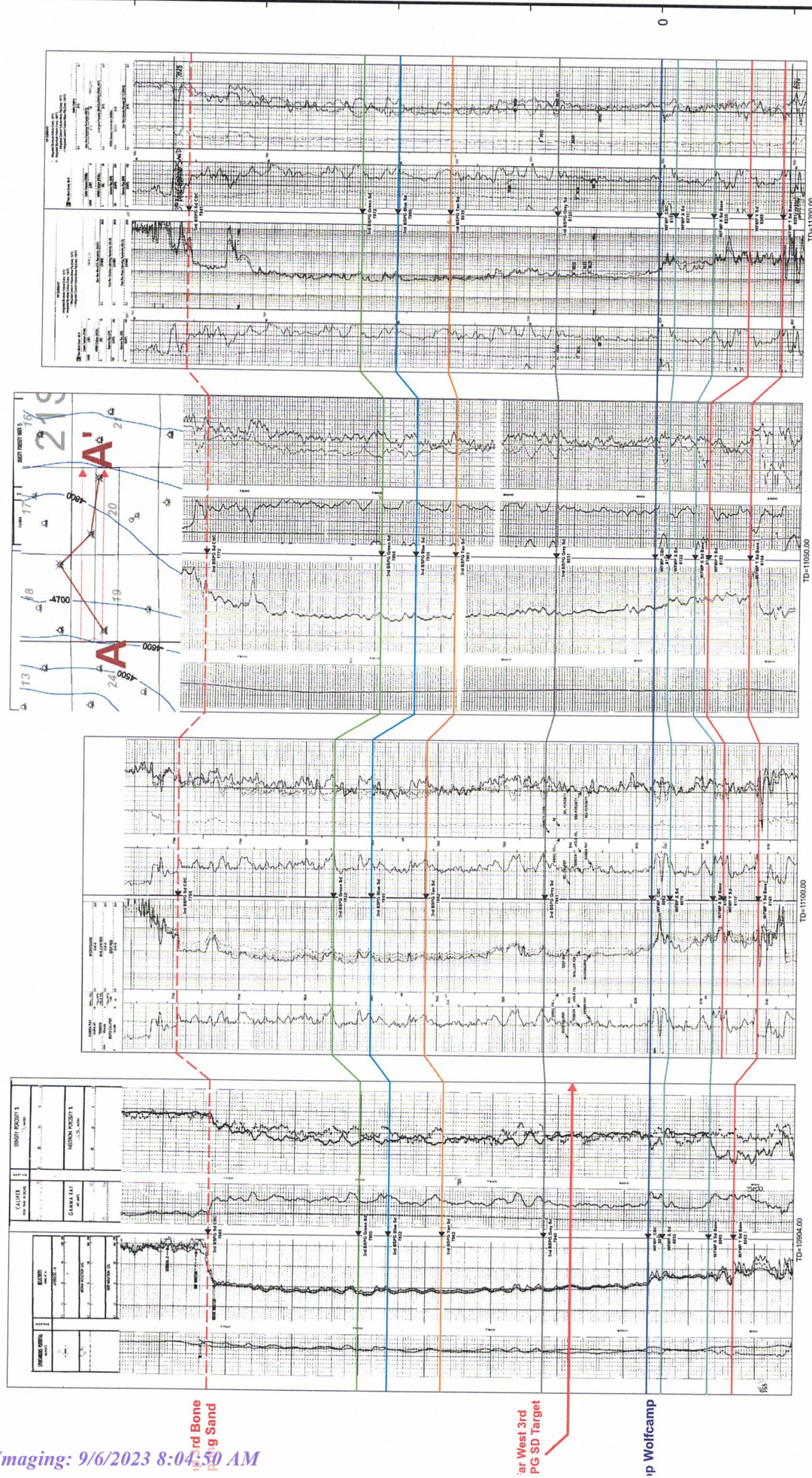
7. Attachment C contains Survey Calculation Reports for the proposed wells. The producing intervals of the wells will be orthodox.

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 7 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.

9/5/23


Charles Crosby





Far West 3rd Bone Spring Sand Cross Section Exhibit (A-A')

ATTACHMENT B

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Far West 19/20 B3DA Fed Com 1H
KOP 7390.04
SL: 1480 FNL & 230 FWL; Sec 19/21S/26E
PBHL: 660 FNL & 100 FEL; Sec 20/21S/26E

Target KBTVD: 7,963 Feet 7963.00
Target Angle: 88.49 Degrees 88.49
Section Plane: 84.99 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	7390.04	0.00	84.99	N/A	7390.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	7390.0	573.0	1E-12	1.48 #VALUE!
1	7478.54	8.85	84.99	88.495	7478.2	6.8	0.6	6.8	6.8	85.0	10.0	10.0	7478.0	485.0	0.1544529	1.48 0.1544529
2	7567.03	17.70	84.99	88.495	7564.2	27.1	2.4	27.0	27.1	85.0	10.0	10.0	7563.5	399.5	0.3089058	1.48 0.1544529
3	7655.53	26.55	84.99	88.495	7646.1	60.4	5.3	60.2	60.4	85.0	10.0	10.0	7644.5	318.5	0.4633587	1.48 0.1544529
4	7744.02	35.40	84.99	88.495	7721.9	105.9	9.2	105.5	105.9	85.0	10.0	10.0	7719.1	243.9	0.6178115	1.48 0.1544529
5	7832.52	44.25	84.99	88.495	7789.8	162.5	14.2	161.9	162.5	85.0	10.0	10.0	7785.6	177.4	0.7722644	1.48 0.1544529
6	7921.01	53.10	84.99	88.495	7848.2	228.9	20.0	228.0	228.9	85.0	10.0	10.0	7842.2	120.8	0.9267173	1.48 0.1544529
7	8009.51	61.95	84.99	88.495	7895.7	303.5	26.5	302.3	303.5	85.0	10.0	10.0	7887.7	75.3	1.0811702	1.48 0.1544529
8	8098.00	70.80	84.99	88.495	7931.1	384.5	33.6	383.0	384.5	85.0	10.0	10.0	7921.0	42.0	1.2356231	1.48 0.1544529
9	8186.50	79.65	84.99	88.495	7953.7	470.0	41.0	468.2	470.0	85.0	10.0	10.0	7941.3	21.7	1.390076	1.48 0.1544529
10	8274.99	88.49	84.99	88.495	7962.8	557.9	48.7	555.8	557.9	85.0	10.0	10.0	7948.1	14.9	1.5445288	1.48 0.1544529
11	8300.00	88.49	84.99	25.008	7963.5	582.9	50.9	580.7	582.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
12	8400.00	88.49	84.99	100	7966.1	682.9	59.6	680.3	682.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
13	8500.00	88.49	84.99	100	7968.7	782.8	68.4	779.8	782.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
14	8600.00	88.49	84.99	100	7971.3	882.8	77.1	879.4	882.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
15	8700.00	88.49	84.99	100	7974.0	982.8	85.8	979.0	982.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
16	8800.00	88.49	84.99	100	7976.6	1082.7	94.5	1078.6	1082.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
17	8900.00	88.49	84.99	100	7979.2	1182.7	103.3	1178.2	1182.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
18	9000.00	88.49	84.99	100	7981.8	1282.7	112.0	1277.8	1282.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
19	9100.00	88.49	84.99	100	7984.5	1382.6	120.7	1377.4	1382.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
20	9200.00	88.49	84.99	100	7987.1	1482.6	129.5	1476.9	1482.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
21	9300.00	88.49	84.99	100	7989.7	1582.6	138.2	1576.5	1582.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
22	9400.00	88.49	84.99	100	7992.4	1682.5	146.9	1676.1	1682.5	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
23	9500.00	88.49	84.99	100	7995.0	1782.5	155.6	1775.7	1782.5	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
24	9600.00	88.49	84.99	100	7997.6	1882.5	164.4	1875.3	1882.5	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
25	9700.00	88.49	84.99	100	8000.2	1982.4	173.1	1974.9	1982.4	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
26	9800.00	88.49	84.99	100	8002.9	2082.4	181.8	2074.4	2082.4	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
27	9900.00	88.49	84.99	100	8005.5	2182.4	190.6	2174.0	2182.4	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
28	10000.00	88.49	84.99	100	8008.1	2282.3	199.3	2273.6	2282.3	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
29	10100.00	88.49	84.99	100	8010.7	2382.3	208.0	2373.2	2382.3	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
30	10200.00	88.49	84.99	100	8013.4	2482.3	216.7	2472.8	2482.3	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
31	10300.00	88.49	84.99	100	8016.0	2582.2	225.5	2572.4	2582.2	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
32	10400.00	88.49	84.99	100	8018.6	2682.2	234.2	2671.9	2682.2	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
33	10500.00	88.49	84.99	100	8021.2	2782.1	242.9	2771.5	2782.1	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
34	10600.00	88.49	84.99	100	8023.9	2882.1	251.7	2871.1	2882.1	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
35	10700.00	88.49	84.99	100	8026.5	2982.1	260.4	2970.7	2982.1	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
36	10800.00	88.49	84.99	100	8029.1	3082.0	269.1	3070.3	3082.0	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
37	10900.00	88.49	84.99	100	8031.7	3182.0	277.8	3169.9	3182.0	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
38	11000.00	88.49	84.99	100	8034.4	3282.0	286.6	3269.4	3282.0	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
39	11100.00	88.49	84.99	100	8037.0	3381.9	295.3	3369.0	3381.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
40	11200.00	88.49	84.99	100	8039.6	3481.9	304.0	3468.6	3481.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
41	11300.00	88.49	84.99	100	8042.3	3581.9	312.8	3568.2	3581.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
42	11400.00	88.49	84.99	100	8044.9	3681.8	321.5	3667.8	3681.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
43	11500.00	88.49	84.99	100	8047.5	3781.8	330.2	3767.4	3781.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
44	11600.00	88.49	84.99	100	8050.1	3881.8	338.9	3866.9	3881.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
45	11700.00	88.49	84.99	100	8052.8	3981.7	347.7	3966.5	3981.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
46	11800.00	88.49	84.99	100	8055.4	4081.7	356.4	4066.1	4081.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
47	11900.00	88.49	84.99	100	8058.0	4181.7	365.1	4165.7	4181.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
48	12000.00	88.49	84.99	100	8060.6	4281.6	373.9	4265.3	4281.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
49	12100.00	88.49	84.99	100	8063.3	4381.6	382.6	4364.9	4381.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
50	12200.00	88.49	84.99	100	8065.9	4481.6	391.3	4464.4	4481.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
51	12300.00	88.49	84.99	100	8068.5	4581.5	400.0	4564.0	4581.5	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
52	12400.00	88.49	84.99	100	8071.1	4681.5	408.8	4663.6	4681.5	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
53	12500.00	88.49	84.99	100	8073.8	4781.5	417.5	4763.2	4781.5	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
54	12600.00	88.49	84.99	100	8076.4	4881.4	426.2	4862.8	4881.4	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
55	12700.00	88.49	84.99	100	8079.0	4981.4	435.0	4962.4	4981.4	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10
56	12800.00	88.49	84.99	100	8081.6	5081.4	443.7	5061.9	5081.4	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48 1E-10

ATTACHMENT

57	12900.00	88.49	84.99	100	8084.3	5181.3	452.4	5161.5	5181.3	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
58	13000.00	88.49	84.99	100	8086.9	5281.3	461.1	5261.1	5281.3	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
59	13100.00	88.49	84.99	100	8089.5	5381.3	469.9	5360.7	5381.3	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
60	13200.00	88.49	84.99	100	8092.2	5481.2	478.6	5460.3	5481.2	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
61	13300.00	88.49	84.99	100	8094.8	5581.2	487.3	5559.9	5581.2	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
62	13400.00	88.49	84.99	100	8097.4	5681.1	496.1	5659.5	5681.1	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
63	13500.00	88.49	84.99	100	8100.0	5781.1	504.8	5759.0	5781.1	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
64	13600.00	88.49	84.99	100	8102.7	5881.1	513.5	5858.6	5881.1	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
65	13700.00	88.49	84.99	100	8105.3	5981.0	522.2	5958.2	5981.0	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
66	13800.00	88.49	84.99	100	8107.9	6081.0	531.0	6057.8	6081.0	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
67	13900.00	88.49	84.99	100	8110.5	6181.0	539.7	6157.4	6181.0	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
68	14000.00	88.49	84.99	100	8113.2	6280.9	548.4	6257.0	6280.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
69	14100.00	88.49	84.99	100	8115.8	6380.9	557.2	6356.5	6380.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
70	14200.00	88.49	84.99	100	8118.4	6480.9	565.9	6456.1	6480.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
71	14300.00	88.49	84.99	100	8121.0	6580.8	574.6	6555.7	6580.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
72	14400.00	88.49	84.99	100	8123.7	6680.8	583.3	6655.3	6680.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
73	14500.00	88.49	84.99	100	8126.3	6780.8	592.1	6754.9	6780.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
74	14600.00	88.49	84.99	100	8128.9	6880.7	600.8	6854.5	6880.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
75	14700.00	88.49	84.99	100	8131.6	6980.7	609.5	6954.0	6980.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
76	14800.00	88.49	84.99	100	8134.2	7080.7	618.3	7053.6	7080.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
77	14900.00	88.49	84.99	100	8136.8	7180.6	627.0	7153.2	7180.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
78	15000.00	88.49	84.99	100	8139.4	7280.6	635.7	7252.8	7280.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
79	15100.00	88.49	84.99	100	8142.1	7380.6	644.4	7352.4	7380.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
80	15200.00	88.49	84.99	100	8144.7	7480.5	653.2	7452.0	7480.5	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
81	15300.00	88.49	84.99	100	8147.3	7580.5	661.9	7551.5	7580.5	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
82	15400.00	88.49	84.99	100	8149.9	7680.5	670.6	7651.1	7680.5	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
83	15500.00	88.49	84.99	100	8152.6	7780.4	679.4	7750.7	7780.4	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
84	15600.00	88.49	84.99	100	8155.2	7880.4	688.1	7850.3	7880.4	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
85	15700.00	88.49	84.99	100	8157.8	7980.4	696.8	7949.9	7980.4	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
86	15800.00	88.49	84.99	100	8160.4	8080.3	705.5	8049.5	8080.3	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
87	15900.00	88.49	84.99	100	8163.1	8180.3	714.3	8149.0	8180.3	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
88	16000.00	88.49	84.99	100	8165.7	8280.3	723.0	8248.6	8280.3	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
89	16100.00	88.49	84.99	100	8168.3	8380.2	731.7	8348.2	8380.2	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
90	16200.00	88.49	84.99	100	8170.9	8480.2	740.5	8447.8	8480.2	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
91	16300.00	88.49	84.99	100	8173.6	8580.1	749.2	8547.4	8580.1	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
92	16400.00	88.49	84.99	100	8176.2	8680.1	757.9	8647.0	8680.1	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
93	16500.00	88.49	84.99	100	8178.8	8780.1	766.6	8746.5	8780.1	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
94	16600.00	88.49	84.99	100	8181.5	8880.0	775.4	8846.1	8880.0	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
95	16700.00	88.49	84.99	100	8184.1	8980.0	784.1	8945.7	8980.0	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
96	16800.00	88.49	84.99	100	8186.7	9080.0	792.8	9045.3	9080.0	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
97	16900.00	88.49	84.99	100	8189.3	9179.9	801.6	9144.9	9179.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
98	17000.00	88.49	84.99	100	8192.0	9279.9	810.3	9244.5	9279.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
99	17100.00	88.49	84.99	100	8194.6	9379.9	819.0	9344.0	9379.9	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
100	17200.00	88.49	84.99	100	8197.2	9479.8	827.7	9443.6	9479.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
101	17300.00	88.49	84.99	100	8199.8	9579.8	836.5	9543.2	9579.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
102	17400.00	88.49	84.99	100	8202.5	9679.8	845.2	9642.8	9679.8	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
103	17500.00	88.49	84.99	100	8205.1	9779.7	853.9	9742.4	9779.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
104	17600.00	88.49	84.99	100	8207.7	9879.7	862.7	9842.0	9879.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
105	17700.00	88.49	84.99	100	8210.3	9979.7	871.4	9941.5	9979.7	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
106	17800.00	88.49	84.99	100	8213.0	10079.6	880.1	10041.1	10079.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
107	17900.00	88.49	84.99	100	8215.6	10179.6	888.8	10140.7	10179.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
108	18000.00	88.49	84.99	100	8218.2	10279.6	897.6	10240.3	10279.6	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10
109	18033.69	88.49	84.99	33.686	8219.1	10313.2	900.5	10273.8	10313.2	85.0	0.0	0.0	7948.1	14.9	1.5445288	1.48	1E-10

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Far West 19/20 B3EH Fed Coom 1H
KOP 7410.04
SL: 1500 FNL & 230 FWL; Sec 19/21S/26E
PBHL: 1980 FNL & 100 FEL; Sec 20/21S/26E

Target KBTVD: 7,983 Feet 7983.00
Target Angle: 88.55 Degrees 88.55
Section Plane: 92.22 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	7410.04	0.00	92.22	N/A	7410.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	7410.0	573.0	1E-12	1.61 #VALUE!
1	7498.59	8.85	92.22	88.547	7498.2	6.8	-0.3	6.8	6.8	92.2	10.0	10.0	7498.1	484.9	0.1545437	1.61 0.1545437
2	7587.14	17.71	92.22	88.547	7584.3	27.2	-1.1	27.1	27.2	92.2	10.0	10.0	7583.6	399.4	0.3090874	1.61 0.1545437
3	7675.68	26.56	92.22	88.547	7666.3	60.5	-2.3	60.4	60.5	92.2	10.0	10.0	7664.7	318.3	0.4636311	1.61 0.1545437
4	7764.23	35.42	92.22	88.547	7742.1	106.0	-4.1	106.0	106.0	92.2	10.0	10.0	7739.4	243.6	0.6181749	1.61 0.1545437
5	7852.78	44.27	92.22	88.547	7810.0	162.7	-6.3	162.6	162.7	92.2	10.0	10.0	7805.9	177.1	0.7727186	1.61 0.1545437
6	7941.32	53.13	92.22	88.547	7868.4	229.2	-8.9	229.0	229.2	92.2	10.0	10.0	7862.6	120.4	0.9272623	1.61 0.1545437
7	8029.87	61.98	92.22	88.547	7915.9	303.8	-11.8	303.6	303.8	92.2	10.0	10.0	7908.1	74.9	1.081806	1.61 0.1545437
8	8118.42	70.84	92.22	88.547	7951.3	384.9	-14.9	384.6	384.9	92.2	10.0	10.0	7941.5	41.5	1.2363497	1.61 0.1545437
9	8206.97	79.69	92.22	88.547	7973.8	470.4	-18.2	470.1	470.4	92.2	10.0	10.0	7961.8	21.2	1.3908934	1.61 0.1545437
10	8295.51	88.55	92.22	88.547	7982.8	558.4	-21.6	558.0	558.4	92.2	10.0	10.0	7968.7	14.3	1.5454371	1.61 0.1545437
11	8300.00	88.55	92.22	4.4875	7982.9	562.9	-21.8	562.5	562.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
12	8400.00	88.55	92.22	100	7985.5	662.9	-25.7	662.4	662.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
13	8500.00	88.55	92.22	100	7988.0	762.9	-29.5	762.3	762.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
14	8600.00	88.55	92.22	100	7990.5	862.8	-33.4	862.2	862.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
15	8700.00	88.55	92.22	100	7993.1	962.8	-37.3	962.1	962.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
16	8800.00	88.55	92.22	100	7995.6	1062.8	-41.1	1062.0	1062.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
17	8900.00	88.55	92.22	100	7998.1	1162.7	-45.0	1161.9	1162.7	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
18	9000.00	88.55	92.22	100	8000.7	1262.7	-48.9	1261.7	1262.7	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
19	9100.00	88.55	92.22	100	8003.2	1362.7	-52.7	1361.6	1362.7	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
20	9200.00	88.55	92.22	100	8005.8	1462.6	-56.6	1461.5	1462.6	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
21	9300.00	88.55	92.22	100	8008.3	1562.6	-60.5	1561.4	1562.6	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
22	9400.00	88.55	92.22	100	8010.8	1662.6	-64.4	1661.3	1662.6	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
23	9500.00	88.55	92.22	100	8013.4	1762.5	-68.2	1761.2	1762.5	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
24	9600.00	88.55	92.22	100	8015.9	1862.5	-72.1	1861.1	1862.5	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
25	9700.00	88.55	92.22	100	8018.4	1962.5	-76.0	1961.0	1962.5	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
26	9800.00	88.55	92.22	100	8021.0	2062.4	-79.8	2060.9	2062.4	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
27	9900.00	88.55	92.22	100	8023.5	2162.4	-83.7	2160.8	2162.4	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
28	10000.00	88.55	92.22	100	8026.0	2262.4	-87.6	2260.7	2262.4	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
29	10100.00	88.55	92.22	100	8028.6	2362.3	-91.4	2360.6	2362.3	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
30	10200.00	88.55	92.22	100	8031.1	2462.3	-95.3	2460.5	2462.3	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
31	10300.00	88.55	92.22	100	8033.6	2562.3	-99.2	2560.4	2562.3	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
32	10400.00	88.55	92.22	100	8036.2	2662.2	-103.0	2660.2	2662.2	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
33	10500.00	88.55	92.22	100	8038.7	2762.2	-106.9	2760.1	2762.2	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
34	10600.00	88.55	92.22	100	8041.2	2862.2	-110.8	2860.0	2862.2	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
35	10700.00	88.55	92.22	100	8043.8	2962.1	-114.7	2959.9	2962.1	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
36	10800.00	88.55	92.22	100	8046.3	3062.1	-118.5	3059.8	3062.1	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
37	10900.00	88.55	92.22	100	8048.9	3162.1	-122.4	3159.7	3162.1	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
38	11000.00	88.55	92.22	100	8051.4	3262.0	-126.3	3259.6	3262.0	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
39	11100.00	88.55	92.22	100	8053.9	3362.0	-130.1	3359.5	3362.0	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
40	11200.00	88.55	92.22	100	8056.5	3462.0	-134.0	3459.4	3462.0	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
41	11300.00	88.55	92.22	100	8059.0	3562.0	-137.9	3559.3	3562.0	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
42	11400.00	88.55	92.22	100	8061.5	3661.9	-141.7	3659.2	3661.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
43	11500.00	88.55	92.22	100	8064.1	3761.9	-145.6	3759.1	3761.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
44	11600.00	88.55	92.22	100	8066.6	3861.9	-149.5	3859.0	3861.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
45	11700.00	88.55	92.22	100	8069.1	3961.8	-153.4	3958.9	3961.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
46	11800.00	88.55	92.22	100	8071.7	4061.8	-157.2	4058.7	4061.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
47	11900.00	88.55	92.22	100	8074.2	4161.8	-161.1	4158.6	4161.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
48	12000.00	88.55	92.22	100	8076.7	4261.7	-165.0	4258.5	4261.7	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
49	12100.00	88.55	92.22	100	8079.3	4361.7	-168.8	4358.4	4361.7	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
50	12200.00	88.55	92.22	100	8081.8	4461.7	-172.7	4458.3	4461.7	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
51	12300.00	88.55	92.22	100	8084.4	4561.6	-176.6	4558.2	4561.6	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
52	12400.00	88.55	92.22	100	8086.9	4661.6	-180.4	4658.1	4661.6	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
53	12500.00	88.55	92.22	100	8089.4	4761.6	-184.3	4758.0	4761.6	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
54	12600.00	88.55	92.22	100	8092.0	4861.5	-188.2	4857.9	4861.5	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
55	12700.00	88.55	92.22	100	8094.5	4961.5	-192.0	4957.8	4961.5	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10
56	12800.00	88.55	92.22	100	8097.0	5061.5	-195.9	5057.7	5061.5	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61 1E-10

57	12900.00	88.55	92.22	100	8099.6	5161.4	-199.8	5157.6	5161.4	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
58	13000.00	88.55	92.22	100	8102.1	5261.4	-203.7	5257.5	5261.4	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
59	13100.00	88.55	92.22	100	8104.6	5361.4	-207.5	5357.4	5361.4	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
60	13200.00	88.55	92.22	100	8107.2	5461.3	-211.4	5457.2	5461.3	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
61	13300.00	88.55	92.22	100	8109.7	5561.3	-215.3	5557.1	5561.3	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
62	13400.00	88.55	92.22	100	8112.2	5661.3	-219.1	5657.0	5661.3	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
63	13500.00	88.55	92.22	100	8114.8	5761.2	-223.0	5756.9	5761.2	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
64	13600.00	88.55	92.22	100	8117.3	5861.2	-226.9	5856.8	5861.2	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
65	13700.00	88.55	92.22	100	8119.9	5961.2	-230.7	5956.7	5961.2	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
66	13800.00	88.55	92.22	100	8122.4	6061.1	-234.6	6056.6	6061.1	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
67	13900.00	88.55	92.22	100	8124.9	6161.1	-238.5	6156.5	6161.1	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
68	14000.00	88.55	92.22	100	8127.5	6261.1	-242.4	6256.4	6261.1	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
69	14100.00	88.55	92.22	100	8130.0	6361.1	-246.2	6356.3	6361.1	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
70	14200.00	88.55	92.22	100	8132.5	6461.0	-250.1	6456.2	6461.0	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
71	14300.00	88.55	92.22	100	8135.1	6561.0	-254.0	6556.1	6561.0	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
72	14400.00	88.55	92.22	100	8137.6	6661.0	-257.8	6656.0	6661.0	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
73	14500.00	88.55	92.22	100	8140.1	6760.9	-261.7	6755.9	6760.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
74	14600.00	88.55	92.22	100	8142.7	6860.9	-265.6	6855.7	6860.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
75	14700.00	88.55	92.22	100	8145.2	6960.9	-269.4	6955.6	6960.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
76	14800.00	88.55	92.22	100	8147.7	7060.8	-273.3	7055.5	7060.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
77	14800.00	88.55	92.22	100	8150.3	7160.8	-277.2	7155.4	7160.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
78	15000.00	88.55	92.22	100	8152.8	7260.8	-281.0	7255.3	7260.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
79	15100.00	88.55	92.22	100	8155.4	7360.7	-284.9	7355.2	7360.7	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
80	15200.00	88.55	92.22	100	8157.9	7460.7	-288.8	7455.1	7460.7	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
81	15300.00	88.55	92.22	100	8160.4	7560.7	-292.7	7555.0	7560.7	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
82	15400.00	88.55	92.22	100	8163.0	7660.6	-296.5	7654.9	7660.6	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
83	15500.00	88.55	92.22	100	8165.5	7760.6	-300.4	7754.8	7760.6	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
84	15600.00	88.55	92.22	100	8168.0	7860.6	-304.3	7854.7	7860.6	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
85	15700.00	88.55	92.22	100	8170.6	7960.5	-308.1	7954.6	7960.5	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
86	15800.00	88.55	92.22	100	8173.1	8060.5	-312.0	8054.5	8060.5	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
87	15900.00	88.55	92.22	100	8175.6	8160.5	-315.9	8154.4	8160.5	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
88	16000.00	88.55	92.22	100	8178.2	8260.4	-319.7	8254.2	8260.4	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
89	16100.00	88.55	92.22	100	8180.7	8360.4	-323.6	8354.1	8360.4	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
90	16200.00	88.55	92.22	100	8183.2	8460.4	-327.5	8454.0	8460.4	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
91	16300.00	88.55	92.22	100	8185.8	8560.3	-331.3	8553.9	8560.3	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
92	16400.00	88.55	92.22	100	8188.3	8660.3	-335.2	8653.8	8660.3	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
93	16500.00	88.55	92.22	100	8190.9	8760.3	-339.1	8753.7	8760.3	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
94	16600.00	88.55	92.22	100	8193.4	8860.2	-343.0	8853.6	8860.2	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
95	16700.00	88.55	92.22	100	8195.9	8960.2	-346.8	8953.5	8960.2	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
96	16800.00	88.55	92.22	100	8198.5	9060.2	-350.7	9053.4	9060.2	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
97	16900.00	88.55	92.22	100	8201.0	9160.2	-354.6	9153.3	9160.2	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
98	17000.00	88.55	92.22	100	8203.5	9260.1	-358.4	9253.2	9260.1	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
99	17100.00	88.55	92.22	100	8206.1	9360.1	-362.3	9353.1	9360.1	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
100	17200.00	88.55	92.22	100	8208.6	9460.1	-366.2	9453.0	9460.1	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
101	17300.00	88.55	92.22	100	8211.1	9560.0	-370.0	9552.9	9560.0	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
102	17400.00	88.55	92.22	100	8213.7	9660.0	-373.9	9652.8	9660.0	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
103	17500.00	88.55	92.22	100	8216.2	9760.0	-377.8	9752.6	9760.0	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
104	17600.00	88.55	92.22	100	8218.7	9859.9	-381.7	9852.5	9859.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
105	17700.00	88.55	92.22	100	8221.3	9959.9	-385.5	9952.4	9959.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
106	17800.00	88.55	92.22	100	8223.8	10059.9	-389.4	10052.3	10059.9	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
107	17900.00	88.55	92.22	100	8226.4	10159.8	-393.3	10152.2	10159.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
108	18000.00	88.55	92.22	100	8228.9	10259.8	-397.1	10252.1	10259.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	1E-10
109	18048.01	88.55	92.22	48.01	8230.1	10307.8	-399.0	10300.1	10307.8	92.2	0.0	0.0	7968.7	14.3	1.5454371	1.61	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. 23770

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.

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: 9/5/23

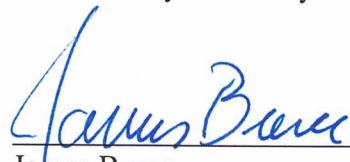

James Bruce

EXHIBIT 4

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

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

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

jamesbruc@aol.com

August 17, 2023

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

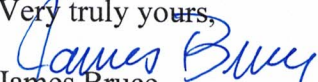
To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company (Case No. 23770), seeking an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a non-standard horizontal spacing unit comprised of all of Sections 19 and 20, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to: (a) the Far West 19/20 B3DA Fed. Com. Well No. 1H; and (b) the Far West 19/20 B3EH Fed. Com. Well No. 1H.

This matter is scheduled for hearing at 8:15 a.m. on Thursday, September 7, 2023. During the current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/ocd/hearing-info/>, or contact Marlene Salvidrez at Marlene.Salvidrez@emnrd.nm.gov. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at ocd.hearings@emnrd.nm.gov, 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

Devon Energy Production Co., LP
333 West Sheridan Ave.
Oklahoma City, OK 73102
Attn: Land Department

Canyon Draw Resources, LLC
3333 Lee Parkway, Suite 750
Dallas, Texas 75219
Attn: Erin Devlin

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

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
 3333 Lee Parkway, Suite 750
 Dallas, Texas 75219

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

6811 8980 0000 0600 0202

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:

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:

Devon Energy Production Co., LP
 333 West Sheridan Ave.
 Oklahoma City, OK 73102

2. A 7020 0090 0000 0863 1172

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

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

If YES, enter delivery address below:

3. Service Type

☐ Adult Signature

☐ Adult Signature Restricted Delivery

☒ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

☐ Collect on Delivery

☐ Collect on Delivery Restricted Delivery

☐ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

Postmark Here

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 Devon Energy Production Co., LP
 333 West Sheridan Ave.
 Oklahoma City, OK 73102

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

2211 8980 0000 0600 0202

SENDER: COMPLETE THIS SECTION

1. Article Addressed to:

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:

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

2. Article Number 7020 0090 0000 0863 1189

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

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

If YES, enter delivery address below:

3. Service Type

☐ Adult Signature

☐ Adult Signature Restricted Delivery

☒ Certified Mail®

☐ Certified Mail Restricted Delivery

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

☐ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

Postmark Here

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

9590 9402 7635 2122 6452 34

2. Article Number (Transfer from service label)
7020 0090 0000 0863 1165 (over \$500)

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature ☒ Agent ☐ Addressee

B. Received by (Printed Name) Mr. [Signature] C. Date of Delivery 9/5/2023

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

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

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 \$

Postmark Here

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

5911T E980 0000 0600 0202