

CASE NO. 24039

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

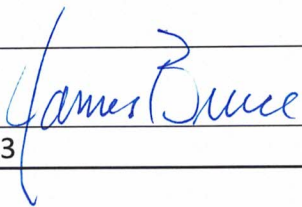
EXHIBITS

1. Pooling Checklist
2. Landman's Affidavit
 - 2-A: C-102
 - 2-B: Tract Maps and Ownership Lists
 - 2-C: Summary of Contacts and Proposal Letter
 - 2-D: AFE
3. Geologist's Affidavit
 - 3-A: Structure Map
 - 3-B: Cross-Section
 - 3-C: Horizontal Drilling Plan
4. Affidavit of Mailing
 - 4-A: Notice Letter
5. Application and Proposed Notice

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 24039	APPLICANT'S RESPONSE
Date: December 7, 2023	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/OGRID 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	Stage Fright Bone Spring wells
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Bone Spring formation
Pool Name and Pool Code:	Avalon; Bone Spring/Pool Code 96831
Well Location Setback Rules:	Statewide Rules for horizontal wells – 330' and 100' setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	359.65 acres
Building Blocks:	40 acres
Orientation:	West-East
Description: TRS/County	Lots 13-16 (the S/2S/2) of Section 12, Township 21 South, Range 25 East, N.M.P.M., and Lot 4, SE/4SW/4, and S/2SE/4 (the S/2S/2) of Section 7, and the SW/4SW/4 of Section 8, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes EXHIBIT /
Other Situations	
Depth Severance: Y/N. If yes, description	N

Proximity Tracts: If yes, description	N
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibit 2-B
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Stage Fright 12/8 Federal Com. Well No. 618H API No. 30-015-Pending SHL: 1300 FSL & 205 FEL §11-21S-25E BHL: 660 FSL & 1220 FWL §8-21S-26E FTP: 660 FSL & 100 FWL §12-21S-25E LTP: 660 FSL & 100 FWL §8-21S-26E Third Bone Spring/TVD 8072 feet/MD 19717 feet
Well #2	
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 \$	\$10000
Production Supervision/Month \$	\$1000
Justification for Supervision Costs	Exhibit 2, page 2
Requested Risk Charge	Cost plus 200%
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)	N/A
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit 2-B
Tract List (including lease numbers and owners)	Exhibit 2-B
If approval of Non-Standard	

Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	
Pooled Parties (including ownership type)	Exhibit 2-B; Working Interest Owners
Unlocatable Parties to be Pooled	No
Ownership Depth Severance (including percentage above & below)	No Depth Severance
Joinder	
Sample Copy of Proposal Letter	Exhibit 2-C
List of Interest Owners (i.e. Exhibit A of JOA)	Exhibit 2-B
Chronology of Contact 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	Exhibits 2-A and 3-A
Gunbarrel/Lateral Trajectory Schematic	Exhibit 3-B
Well Orientation (with rationale)	West-East; Exhibits 3 and 3-A
Target Formation	Third Bone Spring Sand
HSU Cross Section	Exhibit 3-B
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit 2-A
Tracts	Exhibit 2-B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibits 2-B
General Location Map (including basin)	Exhibit 3-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-B
Additional Information	
Special Provisions/Stipulations	
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:	December 5, 2023

**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. 24039

SELF-AFFIRMED STATEMENT OF ARIANA RODRIGUES

Ariana Rodrigues deposes and states:

1. I am a landman for Mewbourne Oil Company ("Mewbourne"), and have personal knowledge of the matters stated herein. I have previously testified before the Division and my qualifications as an expert in petroleum land matters was accepted of record.
2. Pursuant to Division Rules, the following information is submitted in support of the compulsory pooling application filed herein.
3. The purpose of these applications is to force pool uncommitted working interest owners into the Bone Spring horizontal spacing units described below, and in wells to be drilled in the units.
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. In this application Mewbourne seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of Lots 13-16 (the S/2S/2) of Section 12, Township 21 South, Range 25 East, N.M.P.M., and Lot 4, SE/4SW/4, and S/2SE/4 (the S/2S/2) of Section 7 and the SW/4SW/4 of Section 8, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to the Stage Fright 12/8 Fed. Com. Well No. 618H, with a first take point in the SW/4SW/4 (Lot 13) of Section 12 and a last take point in the SW/4SW/4 of Section 8.

A C-102 for the well is submitted as Exhibit 2-A.

6. There is no depth severance in the Bone Spring formation.
7. Land plats and a summary of leases and working interests are contained in Exhibit 2-B. The only working interest owner being pooled is Chevron U.S.A. Inc.

EXHIBIT 2

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

9. A summary of communications and a sample copy of the proposal letter are attached as Exhibit 2-C.

10. An Authorization for Expenditure for the proposed well is submitted as Exhibit 2-D. The estimated cost of the well set forth therein is fair and reasonable, and comparable to the costs of other wells of similar depth and length drilled in this area of Eddy County.

11. Mewbourne requests overhead and administrative rates of \$10,000/month for a drilling well and \$1,000/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 proposed 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 well.

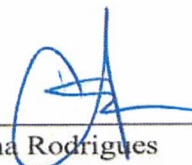
14. The SW/4SW/4 of Section 8 was included in the well unit because there is unleased federal acreage to the east of that tract, which will not be available for leasing for a lengthy period. Mewbourne does not want to strand the SW/4SW/4 of Section 8, and thereby seeks to include it in the well unit.

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

16. 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 16 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: 11/29/2023


Ariana Rodrigues

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 96381		3 Pool Name AVALON BONE SPRING					
4 Property Code		5 Property Name STAGE FRIGHT 12/8 FED COM						6 Well Number 618H	
7 OGRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY						9 Elevation 3312'	
10 Surface Location									
UL or lot no. 4	Section 11	Township 21S	Range 25E	Lot Idn	Feet from the 1300	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. M	Section 8	Township 21S	Range 26E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 1220	East/West line WEST	County EDDY
12 Dedicated Acres 359.65		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 "1948" N: 540770.5 - E: 528651.8	M: FOUND BRASS CAP "1976" N: 541026.6 - E: 549538.3
B: FOUND BRASS CAP "1948" N: 543569.8 - E: 528689.8	N: FOUND BRASS CAP "1976" N: 541024.5 - E: 546888.5
C: FOUND BRASS CAP "1948" N: 546371.3 - E: 528727.9	O: FOUND BRASS CAP "1976" N: 541022.7 - E: 544236.0
D: FOUND BRASS CAP "1948" N: 546377.8 - E: 531373.1	P: FOUND BRASS CAP "LS4404" N: 541003.5 - E: 541591.4
E: FOUND BRASS CAP "1948" N: 546381.2 - E: 534034.6	Q: FOUND BRASS CAP "1948" N: 540984.4 - E: 538969.0
F: FOUND BRASS CAP "1948" N: 546394.8 - E: 536720.6	R: FOUND BRASS CAP "1948" N: 540767.6 - E: 536549.1
G: CALCULATED CORNER N: 546326.9 - E: 538950.8	S: FOUND BRASS CAP "1948" N: 540783.7 - E: 533967.0
H: FOUND BRASS CAP "1976" N: 546294.1 - E: 541632.9	T: FOUND BRASS CAP "1948" N: 540782.8 - E: 531306.8
I: FOUND BRASS CAP "1976" N: 546317.9 - E: 544276.2	U: FOUND BRASS CAP "1948" N: 543582.3 - E: 534000.4
J: FOUND BRASS CAP "1976" N: 546330.4 - E: 546923.0	V: FOUND BRASS CAP "1948" N: 543659.8 - E: 538957.1
K: CALCULATED CORNER N: 546309.2 - E: 549516.1	W: FOUND BRASS CAP "1976" N: 543726.9 - E: 544288.7
L: FOUND BRASS CAP "1976" N: 543668.4 - E: 549527.7	

GEODETIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION
N: 542083.2 - E: 533777.5

LAT: 32.4902461° N
LONG: 104.3578526° W

KICK OFF POINT (KOP)
660' FSL - 473' FFL SEC. 11
N: 541443.3 - E: 533502.0

LAT: 32.4884870° N
LONG: 104.3587459° W

FIRST TAKE POINT (FTP)
660' FSL - 100' FWL SEC. 12
N: 541442.8 - E: 534074.8

LAT: 32.4884861° N
LONG: 104.3568880° W

BOTTOM HOLE
N: 541683.2 - E: 545468.6

LAT: 32.4891483° N
LONG: 104.3199352° W

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.

07/18/2023
Date of Survey

Signature and Seal of Professional Surveyor _____

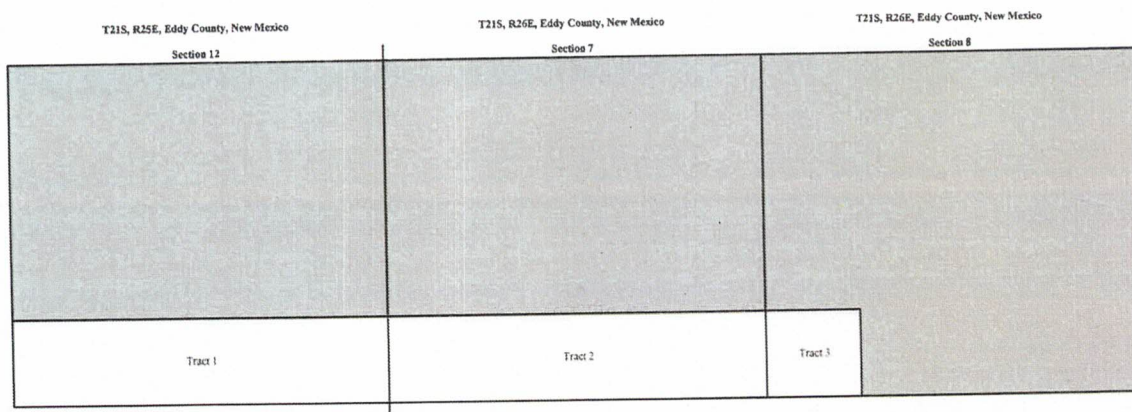
19680
Certificate Number

ROBERT M. HOWETT
NEW MEXICO
19680
PROFESSIONAL SURVEYOR

JOB No: LS23070594R

EXHIBIT 2-A

Section Plat
Stage Fright 12/8 Fed Com #618H
S2S2 of Section 12, S2S2 of Section 7, & SW4SW4 of Section 8



RECAPITULATION

Tract Number	Number of Acres Committed	Percentage of Interest in Communitized Area
1	160.27	44.562769%
2	159.38	44.315307%
3	40.00	11.121924%
TOTAL	359.65	100.000000%

EXHIBIT 2-B

TRACT OWNERSHIP
 Stage Fright 12/8 Fed Com #618H
 S/2S/2 of Section 12, T21S, R25E, S/2S/2 of Section 7 and SW/4SW/4 of Section 8, T21S, R26E
 Eddy County, New Mexico

Ownership by Tract

Tract 1: S2S2 of Section 12, T21S, R25E - Federal Lease NMNM 0454228

Entity/Individual	Interest	Gross Acres	Net Acres
Chevron USA Inc.	100.000000%	160.27	160.270000000
Total	100.000000000%		160.270000000

Tract 2: S2S2 of Section 7, T21S, R26E - State Lease V0-5299-0002

Entity/Individual	Interest	Gross Acres	Net Acres
Mewbourne Oil Company	100.000000%	159.38	159.380000000
Total	100.000000000%		159.380000000

Tract 3: SW/4SW/4 of Section 8, T21S, R26E - State Lease VC-0623-0000

Entity/Individual	Interest	Gross Acres	Net Acres
Mewbourne Oil Company	100.000000%	40.00	40.000000000
Total	100.000000000%		40.000000000

Spacing Unit Ownership

Stage Fright 12/8 Fed Com #618H	Percentage	
Mewbourne Oil Company	55.437231%	199.380000
Chevron USA Inc.*	44.562769%	160.270000
Total	100.000000%	359.650000000

*Parties being pooled

Total Interest Being Pooled:

44.562769%

Summary of Communications

Stage Fright 12/8 Fed Com #618H

S/2S/2 of Section 12, T21S, R25E, S/2S/2 of Section 7 & SW/4SW/4 of Section 8, T21S, R26E
Eddy County, New Mexico

Chevron USA, Inc.:

- 7/31/2023: Mailed and Emailed Working Interest Unit and Well Proposal to the above listed party.
- 8/2/2023: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.
- 9/28/2023: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.
- 10/18/2023: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.
- 11/2/2023: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.

EXHIBIT 2-C

MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020
Midland, Texas 79701
Phone (432) 682-3715

July 28, 2023

Certified Mail

Chevron USA Inc.
Attn: Scott Sabrsula
1400 Smith Street
Houston, TX 77002
HOU140/41079

Re: Stage Fright 12/7 Working Interest Unit and Well Proposals
S/2 of Section 12, T21S, R25E
S/2 of Section 7, T21S, R26E
SW/4SW/4 of Section 8, T21S, R26E
Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("MOC"), as Operator, hereby proposes creating a working interest unit comprising of S/2 of Section 12, T21S, R25E, S/2 of Section 7, T21S, R26E, and the SW/4SW/4 of Section 8, T21S, R26E, Eddy County, New Mexico. As part of the initial development of this unit, MOC hereby proposes the following wells targeting the 3rd Bone Spring Sand interval within the Bone Spring formation:

- 1) STAGE FRIGHT 12/7 FED COM #616H – API # - pending
Surface Location: 920 FSL & 205 FEL, Section 11, T21S, R25E
Bottom Hole Location: 1980 FSL & 100 FEL, Section 7, T21S, R26E
Proposed Total Vertical Depth: 8029'
Proposed Total Measured Depth: 17909'
Spacing Unit: N/2S/2 of Section 12 & N/2S/2 of Section 7
- 2) STAGE FRIGHT 12/8 FED COM #618H – API # - pending
Surface Location: 900 FSL & 205 FEL, Section 11, T21S, R25E
Bottom Hole Location: 660 FSL & 1220 FWL, Section 8, T21S, R26E
Proposed Total Vertical Depth: 8072'
Proposed Total Measured Depth: 19117'
Spacing Unit: S/2S/2 of Section 12, S/2S/2 of Section 7, & SWSW of Section 8

Regarding the above, enclosed for your further handling is our Operating Agreement dated August 1, 2023, along with an extra set of signature pages and our AFEs dated July 7, 2023 for the captioned proposed wells.

In the event your firm elects to participate in the proposed wells, please execute the enclosed extra set of JOA signature/notary pages and the AFEs before mailing them back to my attention to the address on the letterhead above within thirty (30) days.

Please contact me at (432) 682-3715 or arodrigues@mewbourne.com if you have any questions or need additional information.

Very truly yours,

MEWBOURNE OIL COMPANY

Ariana Rodrigues
Landman

Ariana Rodrigues

From: webmaster@simplecertifiedmail.com
Sent: Tuesday, August 8, 2023 2:12 PM
To: Ariana Rodrigues
Subject: [EXT] Document Delivered



Document Delivered

A document with a tracking code of 9402836105440147663212 and reference number of Stage Fright was successfully delivered to Scott Sabrsula at Chevron USA Inc.

This is an "Advisory Notice" from information provided by the United State Postal Service, and may not accurately reflect the delivery status of the item. Please check the Delivery Information Report in SimpleCertifiedMail.com to ensure the item was "Delivered" and not "Returned"

If you have questions or concerns, please let us know.

Regards,

The Client Services Group-Assistance

SimpleCertifiedMail.com
111 Commonwealth Blvd, Suite 103
Cary, NC 27511-4447
888-462-1750 ext. 2 assistance@simplecertifiedmail.com

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MEWBOURNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: STAGE FRIGHT 12/8 FED COM #618H		Prospect: STAGE FRIGHT	
Location: SL: 900 FSL & 205 FEL (11); BHL: 660 FSL & 1220 FWL (8)		County: EDDY ST: NM	
Sec.: 11	Blk.: <input type="text"/>	Survey: <input type="text"/>	TWP: 21S RNG: 25E Prop. TVD: 8072 TMD: 19117

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$50,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$40,000
Daywork / Turnkey / Footage Drilling	20 days drlg / 3 days comp @ \$28,000/d	0180-0110	\$598,100	0180-0210	\$89,700
Fuel	1700 gal/day @ \$3.90/gal	0180-0114	\$141,600	0180-0214	\$267,500
Alternate Fuels		0180-0115		0180-0215	\$70,000
Mud, Chemical & Additives		0180-0120	\$40,000	0180-0220	
Mud - Specialized		0180-0121	\$250,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$220,000
Stimulation Toe Preparation				0180-0223	\$44,000
Cementing		0180-0125	\$155,000	0180-0225	\$65,000
Logging & Wireline Services		0180-0130	\$33,000	0180-0230	\$415,500
Casing / Tubing / Snubbing Service		0180-0134	\$35,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$16,500		
Stimulation	57 Stg 22.7 MMgal & 28.5 MMlbs			0180-0241	\$3,430,000
Stimulation Rentals & Other				0180-0242	\$265,000
Water & Other		0180-0145	\$35,000	0180-0245	\$490,600
Bits		0180-0148	\$83,300	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	\$20,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$150,000		
Transportation		0180-0165	\$30,000	0180-0265	\$15,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$16,500
Contract Services & Supervision		0180-0170	\$132,600	0180-0270	\$82,700
Directional Services	Includes vertical control	0180-0175	\$345,000		
Equipment Rental		0180-0180	\$151,400	0180-0280	\$21,600
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,000	0180-0285	
Intangible Supplies		0180-0188	\$10,000	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$86,400	0180-0295	\$38,700
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$132,900	0180-0299	\$285,400
TOTAL			\$2,791,800		\$5,993,700

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	660' - 13 3/8" 54.5# J-55 ST&C @ \$58.21/ft	0181-0794	\$41,000		
Casing (8.1" - 10.0")	1930' - 9 5/8" 40# J-55 LT&C @ \$46.74/ft	0181-0795	\$96,300		
Casing (6.1" - 8.0")	7725' - 7" 29# HPP110 BT&C @ \$51.82/ft	0181-0796	\$427,500		
Casing (4.1" - 6.0")	11540' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.55/ft			0181-0797	\$364,200
Tubing	7025' - 2 7/8 6.5# L-80 IPC Tbg @ \$19.00/ft			0181-0798	\$142,600
Drilling Head		0181-0860	\$50,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools				0181-0871	\$75,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Service Pumps	(1/2) TP/CP/Circ pump			0181-0886	\$16,000
Storage Tanks	(1/2) 4 OT/ 3 WT/ 1 GB			0181-0890	\$142,000
Emissions Control Equipment	(1/2) 2 VRT/1 VRU/Flare/3 KO's/AIR			0181-0892	\$138,000
Separation / Treating Equipment	(1/2) 2 H Sep/1 V Sep/2 VHT			0181-0895	\$77,000
Automation Metering Equipment				0181-0898	\$90,000
Oil/Gas Pipeline-Pipe/Valves&Misc	(1/2) Gas Line & GL Injection			0181-0900	\$41,000
Water Pipeline-Pipe/Valves & Misc				0181-0901	\$41,000
On-site Valves/Fittings/Lines&Misc				0181-0906	\$200,000
Wellhead Flowlines - Construction				0181-0907	\$36,000
Cathodic Protection				0181-0908	\$0
Electrical Installation				0181-0909	\$236,000
Equipment Installation				0181-0910	\$150,000
Oil/Gas Pipeline - Construction				0181-0920	\$46,000
Water Pipeline - Construction				0181-0921	\$32,000
TOTAL			\$614,800		\$1,803,800
SUBTOTAL			\$3,406,600		\$7,797,500

TOTAL WELL COST	\$11,204,100
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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: <u>H. Buckley</u>	Date: <u>07/07/2023</u>
Company Approval: _____	Date: _____
Joint Owner Interest: _____ Amount: <u>\$0.00</u>	Signature: _____
Joint Owner Name: _____	

EXHIBIT 2-D

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. 24038 - 24039

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) Exhibit 3-A is a structure map of a portion of 21S-25E and 21S-26E on the base of the Third Bone Spring Sand. It shows that structure dips gently to the east. It also a line of cross-section.
 - (b) Exhibit 3-B is a cross section showing the Third Bone Spring Sand, the target zones for two of the proposed Stage Fright 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 each well unit will contribute more or less equally to production from the wells.

EXHIBIT 3


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

5. Laydown wells are preferred in this part of the basin due to the regional stress regime orientation.

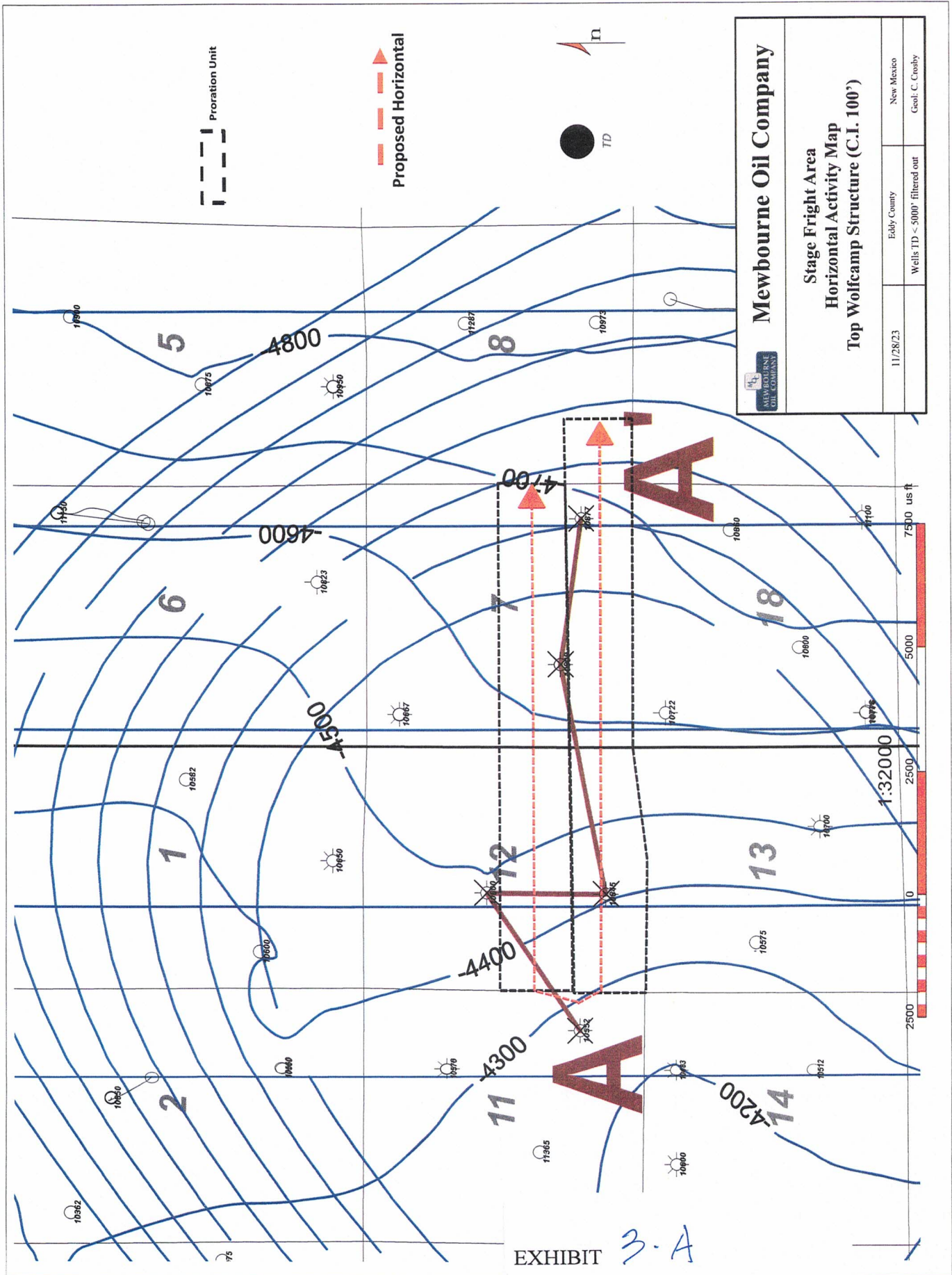
6. Exhibit 3-C contains Survey Calculation Reports for the proposed wells. The producing intervals of the wells will be orthodox.

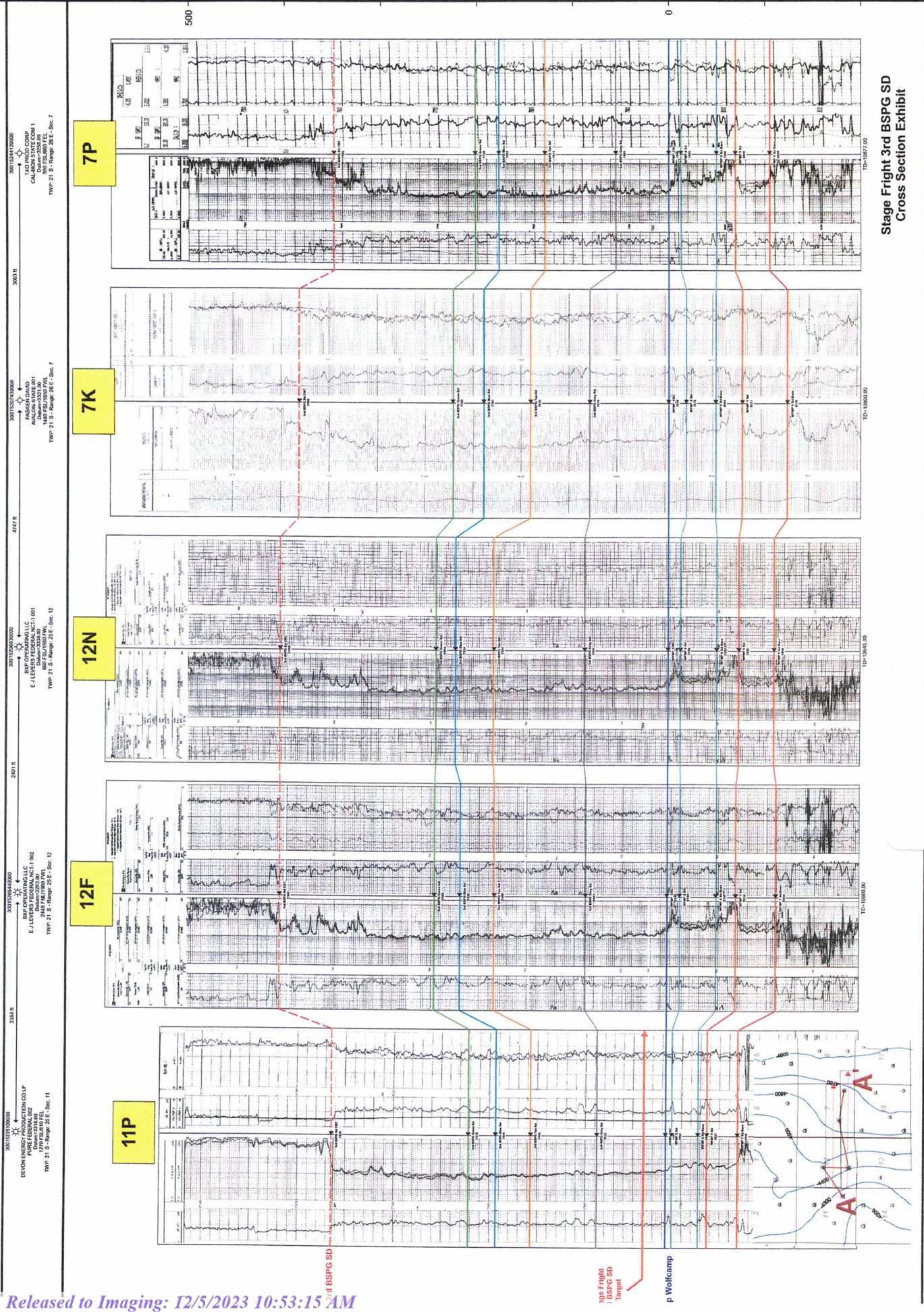
I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 6 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten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

Date: 11/29/23



Charles Crosby





Stage Frigate 3rd BSPG SD
Cross Section Exhibit

EXHIBIT 3.0

300153470000
 DEVON ENERGY CORPORATION
 10000 FIELD OFFICE
 DENVER, CO 80202
 TWP: 21 S - Range 25 E - Sec. 11

300153470000
 BSP OPERATING LLC
 E. LEVINE, MANAGER
 2700 W. 130TH AVENUE
 DENVER, CO 80227
 TWP: 21 S - Range 25 E - Sec. 12

300153470000
 BSP OPERATING LLC
 E. LEVINE, MANAGER
 2700 W. 130TH AVENUE
 DENVER, CO 80227
 TWP: 21 S - Range 25 E - Sec. 12

300153470000
 BSP OPERATING LLC
 E. LEVINE, MANAGER
 2700 W. 130TH AVENUE
 DENVER, CO 80227
 TWP: 21 S - Range 25 E - Sec. 12

300153470000
 FASZOLD, DAVID
 AULON STATE OIL
 1480 FSU 1800 FVA
 TWP: 21 S - Range 25 E - Sec. 7

300153470000
 TIO FRICTO CORP
 CALAJON STATE OIL
 807 FSU 1800 FVA
 TWP: 21 S - Range 25 E - Sec. 7

Mewbourne Oil Company

SURVEY CALCULATION REPORT Minimum Curvature Calculations

Operator: Mewbourne Oil Company
 Lease Name: Stage Fright 12/7 Fed Com 616H
 KOP 7057.04
 SL: 1320 FSL & 205 FEL; Sec 11/21S/25E
 PBHL: 1980 FSL & 100 FEL; Sec 7/21S/26E

Target KBTVD: 7,630 Feet 7630.00
 Target Angle: 87.69 Degrees 87.69
 Section Plane: 85.06 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		DRIFT (RADIAN)	AZIMUTH (RADIAN)
														-Below Target			
T/I	7057.04	0.00	85.06	N/A	7057.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	7057.0	573.0	1E-12	1.48	#VALUE!
1	7144.73	8.77	85.06	87.693	7144.4	6.7	0.6	6.7	6.7	85.1	10.0	10.0	7144.1	485.9	0.1530527	1.48	0.1530527
2	7232.43	17.54	85.06	87.693	7229.7	26.6	2.3	26.5	26.6	85.1	10.0	10.0	7228.6	401.4	0.3061054	1.48	0.1530527
3	7320.12	26.31	85.06	87.693	7311.0	59.3	5.1	59.1	59.3	85.1	10.0	10.0	7308.6	321.4	0.4591581	1.48	0.1530527
4	7407.81	35.08	85.06	87.693	7386.3	104.1	9.0	103.7	104.1	85.1	10.0	10.0	7382.1	247.9	0.6122108	1.48	0.1530527
5	7495.51	43.85	85.06	87.693	7453.9	159.7	13.8	159.1	159.7	85.1	10.0	10.0	7447.5	182.5	0.7652635	1.48	0.1530527
6	7583.20	52.62	85.06	87.693	7512.3	225.1	19.4	224.2	225.1	85.1	10.0	10.0	7503.2	126.8	0.9183162	1.48	0.1530527
7	7670.89	61.38	85.06	87.693	7560.0	298.6	25.7	297.4	298.6	85.1	10.0	10.0	7548.0	82.0	1.0713689	1.48	0.1530527
8	7758.58	70.15	85.06	87.693	7596.0	378.4	32.6	377.0	378.4	85.1	10.0	10.0	7580.7	49.3	1.2244216	1.48	0.1530527
9	7846.28	78.92	85.06	87.693	7619.3	462.9	39.9	461.2	462.9	85.1	10.0	10.0	7600.7	29.3	1.3774743	1.48	0.1530527
10	7933.97	87.69	85.06	87.693	7629.5	549.9	47.4	547.8	549.9	85.1	10.0	10.0	7607.4	22.6	1.530527	1.48	0.1530527
11	8000.00	87.69	85.06	66.03	7632.2	615.9	53.1	613.6	615.9	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
12	8100.00	87.69	85.06	100	7636.2	715.8	61.7	713.1	715.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
13	8200.00	87.69	85.06	100	7640.2	815.7	70.3	812.7	815.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
14	8300.00	87.69	85.06	100	7644.3	915.6	78.9	912.2	915.6	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
15	8400.00	87.69	85.06	100	7648.3	1015.5	87.5	1011.8	1015.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
16	8500.00	87.69	85.06	100	7652.3	1115.5	96.2	1111.3	1115.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
17	8600.00	87.69	85.06	100	7656.3	1215.4	104.8	1210.9	1215.4	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
18	8700.00	87.69	85.06	100	7660.4	1315.3	113.4	1310.4	1315.3	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
19	8800.00	87.69	85.06	100	7664.4	1415.2	122.0	1410.0	1415.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
20	8900.00	87.69	85.06	100	7668.4	1515.1	130.6	1509.5	1515.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
21	9000.00	87.69	85.06	100	7672.5	1615.1	139.2	1609.0	1615.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
22	9100.00	87.69	85.06	100	7676.5	1715.0	147.8	1708.6	1715.0	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
23	9200.00	87.69	85.06	100	7680.5	1814.9	156.4	1808.1	1814.9	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
24	9300.00	87.69	85.06	100	7684.5	1914.8	165.1	1907.7	1914.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
25	9400.00	87.69	85.06	100	7688.6	2014.7	173.7	2007.2	2014.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
26	9500.00	87.69	85.06	100	7692.6	2114.7	182.3	2106.8	2114.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
27	9600.00	87.69	85.06	100	7696.6	2214.6	190.9	2206.3	2214.6	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
28	9700.00	87.69	85.06	100	7700.6	2314.5	199.5	2305.9	2314.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
29	9800.00	87.69	85.06	100	7704.7	2414.4	208.1	2405.4	2414.4	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
30	9900.00	87.69	85.06	100	7708.7	2514.3	216.7	2505.0	2514.3	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
31	10000.00	87.69	85.06	100	7712.7	2614.2	225.3	2604.5	2614.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
32	10100.00	87.69	85.06	100	7716.7	2714.2	234.0	2704.1	2714.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
33	10200.00	87.69	85.06	100	7720.8	2814.1	242.6	2803.6	2814.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
34	10300.00	87.69	85.06	100	7724.8	2914.0	251.2	2903.2	2914.0	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
35	10400.00	87.69	85.06	100	7728.8	3013.9	259.8	3002.7	3013.9	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
36	10500.00	87.69	85.06	100	7732.8	3113.8	268.4	3102.3	3113.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
37	10600.00	87.69	85.06	100	7736.9	3213.8	277.0	3201.8	3213.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
38	10700.00	87.69	85.06	100	7740.9	3313.7	285.6	3301.3	3313.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
39	10800.00	87.69	85.06	100	7744.9	3413.6	294.2	3400.9	3413.6	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
40	10900.00	87.69	85.06	100	7748.9	3513.5	302.9	3500.4	3513.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
41	11000.00	87.69	85.06	100	7753.0	3613.4	311.5	3600.0	3613.4	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
42	11100.00	87.69	85.06	100	7757.0	3713.4	320.1	3699.5	3713.4	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
43	11200.00	87.69	85.06	100	7761.0	3813.3	328.7	3799.1	3813.3	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
44	11300.00	87.69	85.06	100	7765.0	3913.2	337.3	3898.6	3913.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
45	11400.00	87.69	85.06	100	7769.1	4013.1	345.9	3998.2	4013.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
46	11500.00	87.69	85.06	100	7773.1	4113.0	354.5	4097.7	4113.0	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
47	11600.00	87.69	85.06	100	7777.1	4212.9	363.1	4197.3	4212.9	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
48	11700.00	87.69	85.06	100	7781.1	4312.9	371.8	4296.8	4312.9	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
49	11800.00	87.69	85.06	100	7785.2	4412.8	380.4	4396.4	4412.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
50	11900.00	87.69	85.06	100	7789.2	4512.7	389.0	4495.9	4512.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
51	12000.00	87.69	85.06	100	7793.2	4612.6	397.6	4595.5	4612.6	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
52	12100.00	87.69	85.06	100	7797.3	4712.5	406.2	4695.0	4712.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
53	12200.00	87.69	85.06	100	7801.3	4812.5	414.8	4794.6	4812.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
54	12300.00	87.69	85.06	100	7805.3	4912.4	423.4	4894.1	4912.4	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
55	12400.00	87.69	85.06	100	7809.3	5012.3	432.0	4993.6	5012.3	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
56	12500.00	87.69	85.06	100	7813.4	5112.2	440.7	5093.2	5112.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10

EXHIBIT 3. c

57	12600.00	87.69	85.06	100	7817.4	5212.1	449.3	5192.7	5212.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
58	12700.00	87.69	85.06	100	7821.4	5312.1	457.9	5292.3	5312.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
59	12800.00	87.69	85.06	100	7825.4	5412.0	466.5	5391.8	5412.0	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
60	12900.00	87.69	85.06	100	7829.5	5511.9	475.1	5491.4	5511.9	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
61	13000.00	87.69	85.06	100	7833.5	5611.8	483.7	5590.9	5611.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
62	13100.00	87.69	85.06	100	7837.5	5711.7	492.3	5690.5	5711.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
63	13200.00	87.69	85.06	100	7841.5	5811.7	501.0	5790.0	5811.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
64	13300.00	87.69	85.06	100	7845.6	5911.6	509.6	5889.6	5911.6	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
65	13400.00	87.69	85.06	100	7849.6	6011.5	518.2	5989.1	6011.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
66	13500.00	87.69	85.06	100	7853.6	6111.4	526.8	6088.7	6111.4	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
67	13600.00	87.69	85.06	100	7857.6	6211.3	535.4	6188.2	6211.3	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
68	13700.00	87.69	85.06	100	7861.7	6311.2	544.0	6287.8	6311.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
69	13800.00	87.69	85.06	100	7865.7	6411.2	552.6	6387.3	6411.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
70	13900.00	87.69	85.06	100	7869.7	6511.1	561.2	6486.9	6511.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
71	14000.00	87.69	85.06	100	7873.7	6611.0	569.9	6586.4	6611.0	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
72	14100.00	87.69	85.06	100	7877.8	6710.9	578.5	6685.9	6710.9	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
73	14200.00	87.69	85.06	100	7881.8	6810.8	587.1	6785.5	6810.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
74	14300.00	87.69	85.06	100	7885.8	6910.8	595.7	6885.0	6910.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
75	14400.00	87.69	85.06	100	7889.8	7010.7	604.3	6984.6	7010.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
76	14500.00	87.69	85.06	100	7893.9	7110.6	612.9	7084.1	7110.6	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
77	14600.00	87.69	85.06	100	7897.9	7210.5	621.5	7183.7	7210.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
78	14700.00	87.69	85.06	100	7901.9	7310.4	630.1	7283.2	7310.4	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
79	14800.00	87.69	85.06	100	7906.0	7410.4	638.8	7382.8	7410.4	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
80	14900.00	87.69	85.06	100	7910.0	7510.3	647.4	7482.3	7510.3	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
81	15000.00	87.69	85.06	100	7914.0	7610.2	656.0	7581.9	7610.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
82	15100.00	87.69	85.06	100	7918.0	7710.1	664.6	7681.4	7710.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
83	15200.00	87.69	85.06	100	7922.1	7810.0	673.2	7781.0	7810.0	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
84	15300.00	87.69	85.06	100	7926.1	7910.0	681.8	7880.5	7910.0	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
85	15400.00	87.69	85.06	100	7930.1	8009.9	690.4	7980.1	8009.9	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
86	15500.00	87.69	85.06	100	7934.1	8109.8	699.0	8079.6	8109.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
87	15600.00	87.69	85.06	100	7938.2	8209.7	707.7	8179.2	8209.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
88	15700.00	87.69	85.06	100	7942.2	8309.6	716.3	8278.7	8309.6	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
89	15800.00	87.69	85.06	100	7946.2	8409.5	724.9	8378.2	8409.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
90	15900.00	87.69	85.06	100	7950.2	8509.5	733.5	8477.8	8509.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
91	16000.00	87.69	85.06	100	7954.3	8609.4	742.1	8577.3	8609.4	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
92	16100.00	87.69	85.06	100	7958.3	8709.3	750.7	8676.9	8709.3	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
93	16200.00	87.69	85.06	100	7962.3	8809.2	759.3	8776.4	8809.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
94	16300.00	87.69	85.06	100	7966.3	8909.1	767.9	8876.0	8909.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
95	16400.00	87.69	85.06	100	7970.4	9009.1	776.6	8975.5	9009.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
96	16500.00	87.69	85.06	100	7974.4	9109.0	785.2	9075.1	9109.0	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
97	16600.00	87.69	85.06	100	7978.4	9208.9	793.8	9174.6	9208.9	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
98	16700.00	87.69	85.06	100	7982.4	9308.8	802.4	9274.2	9308.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
99	16800.00	87.69	85.06	100	7986.5	9408.7	811.0	9373.7	9408.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
100	16900.00	87.69	85.06	100	7990.5	9508.7	819.6	9473.3	9508.7	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
101	17000.00	87.69	85.06	100	7994.5	9608.6	828.2	9572.8	9608.6	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
102	17100.00	87.69	85.06	100	7998.5	9708.5	836.9	9672.4	9708.5	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
103	17200.00	87.69	85.06	100	8002.6	9808.4	845.5	9771.9	9808.4	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
104	17300.00	87.69	85.06	100	8006.6	9908.3	854.1	9871.5	9908.3	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
105	17400.00	87.69	85.06	100	8010.6	10008.2	862.7	9971.0	10008.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
106	17500.00	87.69	85.06	100	8014.6	10108.2	871.3	10070.5	10108.2	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
107	17600.00	87.69	85.06	100	8018.7	10208.1	879.9	10170.1	10208.1	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
108	17700.00	87.69	85.06	100	8022.7	10308.0	888.5	10269.6	10308.0	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
109	17800.00	87.69	85.06	100	8026.7	10407.9	897.1	10369.2	10407.9	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
110	17859.97	87.69	85.06	59.969	8029.1	10467.8	902.3	10428.9	10467.8	85.1	0.0	0.0	7607.4	22.6	1.530527	1.48	1E-10
111	17859.97	87.69	85.06	0	8029.1	10467.8	902.3	10428.9	10467.8	85.1	#####	#####	7607.4	22.6	1.530527	1.48	1E-10

Mewbourne Oil Company

SURVEY CALCULATION REPORT Minimum Curvature Calculations

Operator: Mewbourne Oil Company
 Lease Name: Stage Frigh 12/8 Fed Com 618H
 KOP 7023.04
 SL: 1300 FSL & 205 FEL; Sec 11/21S/25E
 PBHL: 660 FSL & 1220 FWL; Sec 8/21S/26E

Target KBTVD: 7,596 Feet 7596.00
 Target Angle: 87.57 Degrees 87.57
 Section Plane: 92.02 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	DRIFT (RADIAN)	AZIMUTH (RADIAN)
														-Below Target		
T/I	7023.04	0.00	92.02	N/A	7023.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	7023.0	573.0	1E-12	1.61 #VALUE!
1	7110.62	8.76	92.02	87.575	7110.3	6.7	-0.2	6.7	6.7	92.0	10.0	10.0	7110.0	486.0	0.1528469	1.61 0.1528469
2	7198.19	17.51	92.02	87.575	7195.5	26.6	-0.9	26.5	26.6	92.0	10.0	10.0	7194.4	401.6	0.3056938	1.61 0.1528469
3	7285.77	26.27	92.02	87.575	7276.7	59.2	-2.1	59.1	59.2	92.0	10.0	10.0	7274.1	321.9	0.4585407	1.61 0.1528469
4	7373.34	35.03	92.02	87.575	7351.9	103.8	-3.7	103.7	103.8	92.0	10.0	10.0	7347.5	248.5	0.6113876	1.61 0.1528469
5	7460.92	43.79	92.02	87.575	7419.5	159.3	-5.6	159.2	159.3	92.0	10.0	10.0	7412.8	183.2	0.7642346	1.61 0.1528469
6	7548.49	52.54	92.02	87.575	7477.9	224.5	-7.9	224.4	224.5	92.0	10.0	10.0	7468.4	127.6	0.9170815	1.61 0.1528469
7	7636.07	61.30	92.02	87.575	7525.6	297.8	-10.5	297.6	297.8	92.0	10.0	10.0	7513.0	83.0	1.0699284	1.61 0.1528469
8	7723.64	70.06	92.02	87.575	7561.7	377.6	-13.3	377.3	377.6	92.0	10.0	10.0	7545.7	50.3	1.2227753	1.61 0.1528469
9	7811.22	78.82	92.02	87.575	7585.1	461.8	-16.3	461.6	461.8	92.0	10.0	10.0	7565.6	30.4	1.3756222	1.61 0.1528469
10	7898.79	87.57	92.02	87.575	7595.5	548.7	-19.4	548.4	548.7	92.0	10.0	10.0	7572.2	23.8	1.5284691	1.61 0.1528469
11	7900.00	87.57	92.02	1.2095	7595.5	549.9	-19.4	549.6	549.9	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
12	8000.00	87.57	92.02	100	7599.8	649.8	-22.9	649.4	649.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
13	8100.00	87.57	92.02	100	7604.0	749.7	-26.5	749.3	749.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
14	8200.00	87.57	92.02	100	7608.2	849.7	-30.0	849.1	849.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
15	8300.00	87.57	92.02	100	7612.5	949.6	-33.5	949.0	949.6	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
16	8400.00	87.57	92.02	100	7616.7	1049.5	-37.1	1048.8	1049.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
17	8500.00	87.57	92.02	100	7620.9	1149.4	-40.6	1148.7	1149.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
18	8600.00	87.57	92.02	100	7625.2	1249.3	-44.1	1248.5	1249.3	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
19	8700.00	87.57	92.02	100	7629.4	1349.2	-47.6	1348.4	1349.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
20	8800.00	87.57	92.02	100	7633.6	1449.1	-51.2	1448.2	1449.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
21	8900.00	87.57	92.02	100	7637.9	1549.0	-54.7	1548.1	1549.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
22	9000.00	87.57	92.02	100	7642.1	1648.9	-58.2	1647.9	1648.9	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
23	9100.00	87.57	92.02	100	7646.3	1748.8	-61.8	1747.8	1748.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
24	9200.00	87.57	92.02	100	7650.5	1848.8	-65.3	1847.6	1848.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
25	9300.00	87.57	92.02	100	7654.8	1948.7	-68.8	1947.5	1948.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
26	9400.00	87.57	92.02	100	7659.0	2048.6	-72.3	2047.3	2048.6	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
27	9500.00	87.57	92.02	100	7663.2	2148.5	-75.9	2147.1	2148.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
28	9600.00	87.57	92.02	100	7667.5	2248.4	-79.4	2247.0	2248.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
29	9700.00	87.57	92.02	100	7671.7	2348.3	-82.9	2346.8	2348.3	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
30	9800.00	87.57	92.02	100	7675.9	2448.2	-86.5	2446.7	2448.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
31	9900.00	87.57	92.02	100	7680.2	2548.1	-90.0	2546.5	2548.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
32	10000.00	87.57	92.02	100	7684.4	2648.0	-93.5	2646.4	2648.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
33	10100.00	87.57	92.02	100	7688.6	2748.0	-97.0	2746.2	2748.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
34	10200.00	87.57	92.02	100	7692.9	2847.9	-100.6	2846.1	2847.9	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
35	10300.00	87.57	92.02	100	7697.1	2947.8	-104.1	2945.9	2947.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
36	10400.00	87.57	92.02	100	7701.3	3047.7	-107.6	3045.8	3047.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
37	10500.00	87.57	92.02	100	7705.6	3147.6	-111.2	3145.6	3147.6	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
38	10600.00	87.57	92.02	100	7709.8	3247.5	-114.7	3245.5	3247.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
39	10700.00	87.57	92.02	100	7714.0	3347.4	-118.2	3345.3	3347.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
40	10800.00	87.57	92.02	100	7718.3	3447.3	-121.7	3445.2	3447.3	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
41	10900.00	87.57	92.02	100	7722.5	3547.2	-125.3	3545.0	3547.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
42	11000.00	87.57	92.02	100	7726.7	3647.1	-128.8	3644.9	3647.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
43	11100.00	87.57	92.02	100	7730.9	3747.1	-132.3	3744.7	3747.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
44	11200.00	87.57	92.02	100	7735.2	3847.0	-135.9	3844.6	3847.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
45	11300.00	87.57	92.02	100	7739.4	3946.9	-139.4	3944.4	3946.9	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
46	11400.00	87.57	92.02	100	7743.6	4046.8	-142.9	4044.3	4046.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
47	11500.00	87.57	92.02	100	7747.9	4146.7	-146.4	4144.1	4146.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
48	11600.00	87.57	92.02	100	7752.1	4246.6	-150.0	4244.0	4246.6	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
49	11700.00	87.57	92.02	100	7756.3	4346.5	-153.5	4343.8	4346.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
50	11800.00	87.57	92.02	100	7760.6	4446.4	-157.0	4443.7	4446.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
51	11900.00	87.57	92.02	100	7764.8	4546.3	-160.6	4543.5	4546.3	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
52	12000.00	87.57	92.02	100	7769.0	4646.2	-164.1	4643.4	4646.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
53	12100.00	87.57	92.02	100	7773.3	4746.2	-167.6	4743.2	4746.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
54	12200.00	87.57	92.02	100	7777.5	4846.1	-171.1	4843.0	4846.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
55	12300.00	87.57	92.02	100	7781.7	4946.0	-174.7	4942.9	4946.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10
56	12400.00	87.57	92.02	100	7786.0	5045.9	-178.2	5042.7	5045.9	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61 1E-10

57	12500.00	87.57	92.02	100	7790.2	5145.8	-181.7	5142.6	5145.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
58	12600.00	87.57	92.02	100	7794.4	5245.7	-185.3	5242.4	5245.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
59	12700.00	87.57	92.02	100	7798.6	5345.6	-188.8	5342.3	5345.6	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
60	12800.00	87.57	92.02	100	7802.9	5445.5	-192.3	5442.1	5445.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
61	12900.00	87.57	92.02	100	7807.1	5545.4	-195.8	5542.0	5545.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
62	13000.00	87.57	92.02	100	7811.3	5645.4	-199.4	5641.8	5645.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
63	13100.00	87.57	92.02	100	7815.6	5745.3	-202.9	5741.7	5745.3	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
64	13200.00	87.57	92.02	100	7819.8	5845.2	-206.4	5841.5	5845.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
65	13300.00	87.57	92.02	100	7824.0	5945.1	-210.0	5941.4	5945.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
66	13400.00	87.57	92.02	100	7828.3	6045.0	-213.5	6041.2	6045.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
67	13500.00	87.57	92.02	100	7832.5	6144.9	-217.0	6141.1	6144.9	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
68	13600.00	87.57	92.02	100	7836.7	6244.8	-220.5	6240.9	6244.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
69	13700.00	87.57	92.02	100	7841.0	6344.7	-224.1	6340.8	6344.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
70	13800.00	87.57	92.02	100	7845.2	6444.6	-227.6	6440.6	6444.6	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
71	13900.00	87.57	92.02	100	7849.4	6544.5	-231.1	6540.5	6544.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
72	14000.00	87.57	92.02	100	7853.7	6644.4	-234.7	6640.3	6644.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
73	14100.00	87.57	92.02	100	7857.9	6744.4	-238.2	6740.2	6744.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
74	14200.00	87.57	92.02	100	7862.1	6844.3	-241.7	6840.0	6844.3	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
75	14300.00	87.57	92.02	100	7866.4	6944.2	-245.2	6939.9	6944.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
76	14400.00	87.57	92.02	100	7870.6	7044.1	-248.8	7039.7	7044.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
77	14500.00	87.57	92.02	100	7874.8	7144.0	-252.3	7139.6	7144.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
78	14600.00	87.57	92.02	100	7879.0	7243.9	-255.8	7239.4	7243.9	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
79	14700.00	87.57	92.02	100	7883.3	7343.8	-259.4	7339.3	7343.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
80	14800.00	87.57	92.02	100	7887.5	7443.7	-262.9	7439.1	7443.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
81	14900.00	87.57	92.02	100	7891.7	7543.7	-266.4	7538.9	7543.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
82	15000.00	87.57	92.02	100	7896.0	7643.6	-269.9	7638.8	7643.6	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
83	15100.00	87.57	92.02	100	7900.2	7743.5	-273.5	7738.6	7743.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
84	15200.00	87.57	92.02	100	7904.4	7843.4	-277.0	7838.5	7843.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
85	15300.00	87.57	92.02	100	7908.7	7943.3	-280.5	7938.3	7943.3	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
86	15400.00	87.57	92.02	100	7912.9	8043.2	-284.1	8038.2	8043.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
87	15500.00	87.57	92.02	100	7917.1	8143.1	-287.6	8138.0	8143.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
88	15600.00	87.57	92.02	100	7921.4	8243.0	-291.1	8237.9	8243.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
89	15700.00	87.57	92.02	100	7925.6	8342.9	-294.6	8337.7	8342.9	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
90	15800.00	87.57	92.02	100	7929.8	8442.8	-298.2	8437.6	8442.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
91	15900.00	87.57	92.02	100	7934.1	8542.8	-301.7	8537.4	8542.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
92	16000.00	87.57	92.02	100	7938.3	8642.7	-305.2	8637.3	8642.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
93	16100.00	87.57	92.02	100	7942.5	8742.6	-308.8	8737.1	8742.6	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
94	16200.00	87.57	92.02	100	7946.7	8842.5	-312.3	8837.0	8842.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
95	16300.00	87.57	92.02	100	7951.0	8942.4	-315.8	8936.8	8942.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
96	16400.00	87.57	92.02	100	7955.2	9042.3	-319.3	9036.7	9042.3	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
97	16500.00	87.57	92.02	100	7959.4	9142.2	-322.9	9136.5	9142.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
98	16600.00	87.57	92.02	100	7963.7	9242.1	-326.4	9236.4	9242.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
99	16700.00	87.57	92.02	100	7967.9	9342.0	-329.9	9336.2	9342.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
100	16800.00	87.57	92.02	100	7972.1	9442.0	-333.4	9436.1	9442.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
101	16900.00	87.57	92.02	100	7976.4	9541.9	-337.0	9535.9	9541.9	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
102	17000.00	87.57	92.02	100	7980.6	9641.8	-340.5	9635.8	9641.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
103	17100.00	87.57	92.02	100	7984.8	9741.7	-344.0	9735.6	9741.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
104	17200.00	87.57	92.02	100	7989.1	9841.6	-347.6	9835.5	9841.6	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
105	17300.00	87.57	92.02	100	7993.3	9941.5	-351.1	9935.3	9941.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
106	17400.00	87.57	92.02	100	7997.5	10041.4	-354.6	10035.1	10041.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
107	17500.00	87.57	92.02	100	8001.8	10141.3	-358.1	10135.0	10141.3	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
108	17600.00	87.57	92.02	100	8006.0	10241.2	-361.7	10234.8	10241.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
109	17700.00	87.57	92.02	100	8010.2	10341.1	-365.2	10334.7	10341.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
110	17800.00	87.57	92.02	100	8014.5	10441.1	-368.7	10434.5	10441.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
111	17900.00	87.57	92.02	100	8018.7	10541.0	-372.3	10534.4	10541.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
112	18000.00	87.57	92.02	100	8022.9	10640.9	-375.8	10634.2	10640.9	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
113	18100.00	87.57	92.02	100	8027.1	10740.8	-379.3	10734.1	10740.8	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
114	18200.00	87.57	92.02	100	8031.4	10840.7	-382.8	10833.9	10840.7	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
115	18300.00	87.57	92.02	100	8035.6	10940.6	-386.4	10933.8	10940.6	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
116	18400.00	87.57	92.02	100	8039.8	11040.5	-389.9	11033.6	11040.5	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
117	18500.00	87.57	92.02	100	8044.1	11140.4	-393.4	11133.5	11140.4	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
118	18600.00	87.57	92.02	100	8048.3	11240.3	-397.0	11233.3	11240.3	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
119	18800.00	87.57	92.02	200	8056.8	11440.2	-404.0	11433.0	11440.2	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
120	18900.00	87.57	92.02	100	8061.0	11540.1	-407.5	11532.9	11540.1	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
121	19000.00	87.57	92.02	100	8065.2	11640.0	-411.1	11632.7	11640.0	92.0	0.0	0.0	7572.2	23.8	1.5284691	1.61	1E-10
122	19100.00	87.57	92.02	100	8069.5	11739.9	-414.6	11732.6	11739.9	92.0	0.0	0.0	7572.2	23.8			

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. 24038 & 24039

SELF-AFFIRMED STATEMENT OF NOTICE

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

James Bruce deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest owner, at its last known address, by certified mail. Copies of the notice letter and certified return receipt are attached hereto as Exhibit 2-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: 12/5/23

James Bruce
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

November 16, 2023

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed are copies of two applications, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, requesting the following relief:

(a) Case No. 24038: 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 12, Township 21 South, Range 25 East, N.M.P.M., and the N/2S/2 of Section 7, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to the Stage Fright 12/7 Fed. Com. Well No. 616H, with a first take point in the NW/4SW/4 of Section 12 and a last take point in the NE/4SE/4 of Section 7. Also to be considered will be the cost of drilling, completing, testing, 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, testing, and equipping the well.

(b) Case No. 24039: 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 S/2S/2 of Section 12, Township 21 South, Range 25 East, N.M.P.M., and the S/2S/2 of Section 7 and the SW/4SW/4 of Section 8, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to the Stage Fright 12/8 Fed. Com. Well No. 618H, with a first take point in the SW/4SW/4 of Section 12 and a last take point in the SW/4SW/4 of Section 8. Also to be considered will be the cost of drilling, completing, testing, 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, testing, and equipping the well.

EXHIBIT

4.A

These matters are scheduled for hearing at 8:15 a.m. on Thursday, December 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 applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at ocd.hearings@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

EXHIBIT A

Chevron U.S.A. Inc.
6301 Deauville Boulevard
Midland, Texas 79706

Attention: Permitting Team

m stage

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)

<input type="checkbox"/> Return Receipt (hardcopy)	\$	
<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	


Postage
 \$

Total Postage and Fees
 \$

Sent To
 Street and Apt. No., or PO Box No. Chevron U.S.A. Inc.
 6301 Deauville Boulevard
 Midland, Texas 79706

City, State, ZIP+4*
 PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7020 0090 0000 0863 3602

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY										
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> Chevron U.S.A. Inc. 6301 Deauville Boulevard Midland, Texas 79706 </div> <div style="text-align: center;">  9590 9402 7635 2122 6737 01 </div> <p>2. Article Restricted Delivery</p> <p style="font-size: 1.2em; font-weight: bold;">7020 0090 0000 0863 3602</p>	<p>A. Signature <input checked="" type="checkbox"/> <i>Ashtan Moon</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery <i>Ashtan Moon</i> <i>11/28/23</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type</p> <table border="0" style="width: 100%;"> <tr> <td><input type="checkbox"/> Adult Signature</td> <td><input type="checkbox"/> Priority Mail Express®</td> </tr> <tr> <td><input type="checkbox"/> Adult Signature Restricted Delivery</td> <td><input type="checkbox"/> Registered Mail™</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certified Mail®</td> <td><input type="checkbox"/> Registered Mail Restricted Delivery</td> </tr> <tr> <td><input type="checkbox"/> Certified Mail Restricted Delivery</td> <td><input type="checkbox"/> Signature Confirmation™</td> </tr> <tr> <td><input type="checkbox"/> Collect on Delivery</td> <td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td> </tr> </table> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®										
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™										
<input checked="" type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery										
<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™										
<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery										
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 <i>m stage</i> Domestic Return Receipt</p>											

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 24039

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 Lots 13-16 (the S/2S/2) of Section 12, Township 21 South, Range 25 East, N.M.P.M., and Lot 4, SE/4SW/4, and S/2SE/4 (the S/2S/2) of Section 7, and the SW/4SW/4 of Section 8, 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 the S/2S/2 of Section 12, the S/2S/2 of Section 7, and the SW/4SW/4 of Section 8 (containing 359.65 acres), and has the right to drill a well or wells thereon.
2. Applicant proposes to drill the Stage Frigate 12/8 Fed. Com. Well No. 618H to a depth sufficient to test the Bone Spring formation, with a first take point in the SW/4SW/4 (Lot 13) of Section 12 and a last take point in the SW/4SW/4 of Section 8.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the S/2S/2 of Section 12, the S/2S/2 of Section 7, and the SW/4SW/4 of Section 8 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. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Bone

EXHIBIT 5

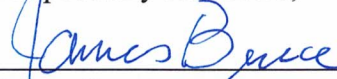
Spring formation underlying the S/2S/2 of Section 12, the S/2S/2 of Section 7, and the SW/4SW/4 of Section 8, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all uncommitted mineral interest owners in the Bone Spring formation underlying the S/2S/2 of Section 12, the S/2S/2 of Section 7, and the SW/4SW/4 of Section 8 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 uncommitted mineral interest owners in the Bone Spring formation (Avalon; Bone Spring/Pool Code 96381) underlying the S/2S/2 of Section 12, the S/2S/2 of Section 7, and the SW/4SW/4 of Section 8;
- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling, completing, testing, 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, testing, 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 Lots 13-16 (the S/2S/2) of Section 12, Township 21 South, Range 25 East, N.M.P.M., and Lot 4, SE/4SW/4, and S/2SE/4 (the S/2S/2) of Section 7, and the SW/4SW/4 of Section 8, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico. The unit will be dedicated to the Stage Fright 12/8 Fed. Com. Well No. 618H, with a first take point in the SW/4SW/4 (Lot 13) of Section 12 and a last take point in the SW/4SW/4 of Section 8. Also to be considered will be the cost of drilling, completing, testing, 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, testing, and equipping the well. The unit is located approximately 9 miles southeast of Seven Rivers, New Mexico.