

CASE NO. 23756 & 23757

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

EXHIBIT LIST

1. Application and Proposed Notice (Case No. 23756)
2. Application and Proposed Notice (Case No. 23757)
3. Landman's Affidavit
4. Geologist's Affidavit
5. Affidavit of Mailing
6. Certified Notice Spreadsheet
7. Pooling Checklists

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 23756

APPLICATION

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

1. Applicant is an interest owner in the N/2S/2 of Section 2 and the N/2S/2 of Section 1 (containing 320 acres), and has the right to drill a well thereon.

2. Applicant proposes to drill the Dama Dorado 2/1 B3LI Fed. Com. Well No. 1H, with a first take point in the NW/4SW/4 of Section 2 and a last take point in the NE/4SE/4 of Section 1, to a depth sufficient to test the Bone Spring formation.

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the N/2S/2 of Section 2 and the N/2S/2 of Section 1 for the purposes set forth herein.

4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying the N/2S/2 of Section 2 and the N/2S/2 of Section 1, pursuant to NMSA 1978 §70-2-17.

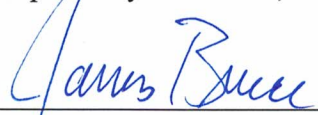
EXHIBIT |

5. The pooling of all uncommitted mineral interest owners in the Bone Spring formation underlying the N/2S/2 of Section 2 and the N/2S/2 of Section 1 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 (WC-015 G-03 S202711H; Bone Spring/Pool Code 98016) underlying the N/2S/2 of Section 2 and the N/2S/2 of Section 1;
- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling, completing, equipping, and testing 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, equipping, and testing 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 mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2S/2 of Section 2 and the N/2S/2 of Section 1, Township 20 South, Range 27 East, NMPM. The unit will be dedicated to the Dama Dorado 2/1 B3LI Fed. Com. Well No. 1H, with a first take point in the NW/4SW/4 of Section 2 and a last take point in the NE/4SE/4 of Section 1. Also to be considered will be the cost of drilling, completing, equipping, and testing 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, equipping, and testing the well. The unit is located approximately 7-1/2 miles east-southeast of Lakewood, New Mexico.

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 23757

APPLICATION

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

1. Applicant is an interest owner in the S/2S/2 of Section 2 and the S/2S/2 of Section 1 (containing 320 acres), and has the right to drill a well thereon.
2. Applicant proposes to drill the Dama Dorado 2/1 B3MP Fed. Com. Well No. 1H, with a first take point in the SW/4SW/4 of Section 2 and a last take point in the SE/4SE/4 of Section 1, to a depth sufficient to test the Bone Spring formation.
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 2 and the S/2S/2 of Section 1 for the purposes set forth herein.
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying the S/2S/2 of Section 2 and the S/2S/2 of Section 1, pursuant to NMSA 1978 §70-2-17.

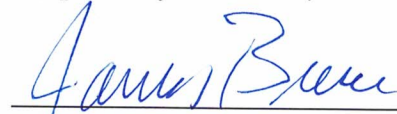
EXHIBIT 2

5. The pooling of all uncommitted mineral interest owners in the Bone Spring formation underlying the S/2S/2 of Section 2 and the S/2S/2 of Section 1 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 (WC-015 G-03 S202711H; Bone Spring/Pool Code 98016) underlying the S/2S/2 of Section 2 and the S/2S/2 of Section 1;
- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling, completing, equipping, and testing 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, equipping, and testing 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 mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 2 and the S/2S/2 of Section 1, Township 20 South, Range 27 East, NMPM. The unit will be dedicated to the Dama Dorado 2/1 B3MP Fed. Com. Well No. 1H, with a first take point in the SW/4SW/4 of Section 2 and a last take point in the SE/4SE/4 of Section 1. Also to be considered will be the cost of drilling, completing, equipping, and testing 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, equipping, and testing the well. The unit is located approximately 7-1/2 miles east-southeast of Lakewood, New Mexico.

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

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

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

Case No. 23756

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

Case No. 23757

SELF-AFFIRMED STATEMENT OF BRAXTON BLANDFORD

Braxton Blandford deposes and states:

1. I am a landman for Mewbourne Oil Company (“Mewbourne”), and have personal knowledge of the matters stated herein. 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. The only two persons being pooled are Chevron U.S.A. Inc. and T. Verne Dwyer.

5. The well units being pooled are:

Case No. 23756: Mewbourne seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2S/2 of Section 2 and the N/2S/2 of Section 1, Township 20 South, Range 27 East, NMPM. The unit will be dedicated to the Dama Dorado B3LI Fed. Com. Well No. 1H, with a first take point in the NW/4SW/4 of Section 2 and a last take point in the NE/4SE/4 of Section 1.

EXHIBIT

3

Case No. 23757: Mewbourne seeks an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 2 and the S/2S/2 of Section 1, Township 20 South, Range 27 East, NMPM. The unit will be dedicated to the Dama Dorado B3MP Fed. Com. Well No. 1H, with a first take point in the SW/4SW/4 of Section 2 and a last take point in the SE/4SE/4 of Section 1.

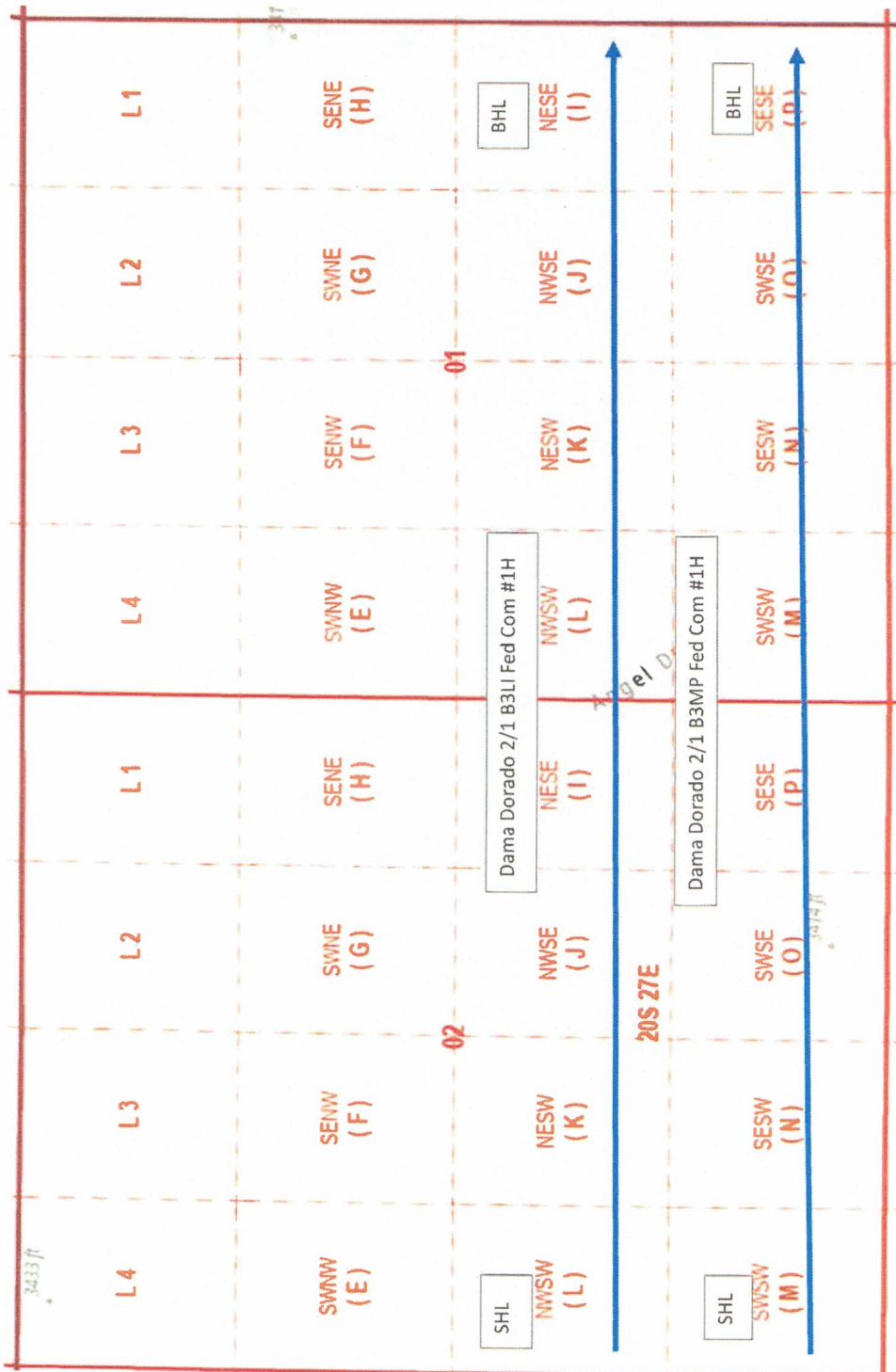
A plat outlining the units being pooled is submitted as Attachment A. Form C-102s for the wells are submitted as part of Attachment A.

6. There is no depth severance in the Bone Spring formation.
7. A plat outlining the tracts in the units being pooled, and listing the interest owners and their interests is submitted as Attachment B. Attachment C is a summary of communications and a sample copy of the proposal letters sent to the uncommitted working interest owners.
8. Mr. Dwyer may be unlocatable. In order to locate the interest owners we examined Eddy County and Federal records. In addition, we conducted internet searches using Accurint and Whitepages, as well as other sources. Mewbourne has made a good faith effort to locate and obtain the voluntary joinder of the working interest owners in the proposed wells.
9. Mewbourne has the right to pool the overriding royalty owners in the well unit.
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 costs 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 non-consenting working interest owners.
13. Mewbourne requests that it be designated operator of the wells.
14. The attachments to this affidavit were prepared by me, or compiled from company business records.
15. The granting of these applications 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.

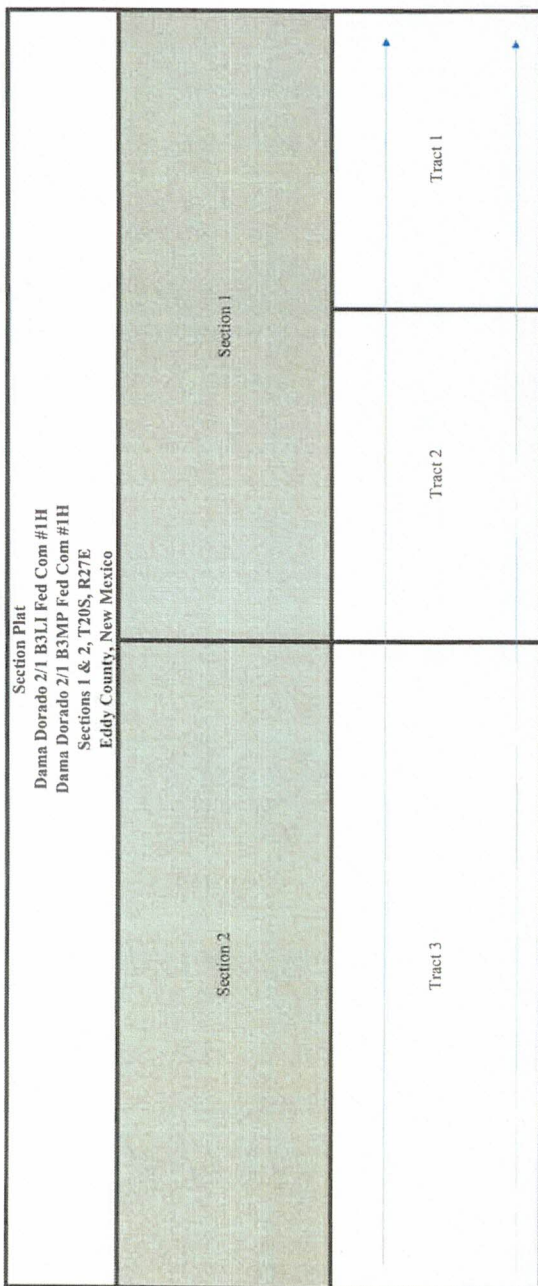
Date: 9/5/2023

Braxton Blandford
Braxton Blandford



ATTACHMENT

A



Section Plat
 Dama Dorado 2/1 B3LI Fed Com #1H
 Dama Dorado 2/1 B3MP Fed Com #1H
 Sections 1 & 2, T20S, R27E
 Eddy County, New Mexico

Tract 1: SE/4 of Section 1 - Fed Lease NMNM-004986
 Chevron USA, Inc.

Tract 2: SW/4 of Section 1 - Fed Lease NMNM-0455265
 OXY USA WTP Limited Partnership
 Fasken Land & Minerals, Ltd.
 Brooks Oil & Gas Interests, Ltd.

Tract 3: S/2 of Section 2-State Leases L0-6957-0004 and L0-6958-0001 and Fed Lease
 L0-4054-0000

Mewbourne Oil Company
 BGT Investment, LLC
 T. Verne Dwyer, Sole and Separate Property w/w/o Agnes W. Dwyer, Deceased
 Eastland Resources, Inc.
 Snow Operating Company, Inc.
 Jamiesco Operating, Inc.

ATTACHMENT B

RECAPITULATION FOR DAMA DORADO 2/I B3L FED COM #IH & DAMA DORADO 2/I B3MP FED COM #IH

| | Number of Acres Committed | Percentage of Interest in Communitized Area |
|--------------|---------------------------|---|
| 1 | 160 | 25.000000% |
| 2 | 160 | 25.000000% |
| 3 | 320 | 50.000000% |
| TOTAL | 640 | 100.000000% |

S/2 of Section 1 & S/2 of Section 2

Bone Spring Formation:

Owner
 Mewbourne Oil Company, et al.
 * Chevron USA, Inc. % of Leasehold Interest
73.437500%
 T. Verne Dwyer, Sole and Separate Property u/w/o 25.000000%
 * Agnes W. Dwyer, Deceased 1.562500%

TOTAL 100.000000%

*** Total Interest Being Pooled:** 26.562500%

OWNERSHIP BY TRACT

SE/4 of Section 1

Owner
 Chevron USA, Inc. % of Leasehold Interest
100.000000%

TOTAL 100.000000%

SW/4 of Section 1

Owner
 Mewbourne Oil Company, et al. % of Leasehold Interest
100.000000%

TOTAL 100.000000%

S/2 of Section 2

Owner
 Mewbourne Oil Company, et al. 96.875000%
 T. Verne Dwyer, Sole and Separate 3.125000%
 Property u/w/o Agnes W. Dwyer, 100.000000%
 Deceased 100.000000%

TOTAL 100.000000%

Summary of Communications

Dama Dorado 2/1 B3LI Fed Com #1H

N/2S/2 of Sections 1 and 2

Dama Dorado 2/1 B3MP Fed Com #1H

S/2S/2 of Sections 1 and 2

T20S-R27E, Eddy County, NM

Chevron USA, Inc.

10/12/2022: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

10/20/2022: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

11/8/2022: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

11/29/2022: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

1/5/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

2/13/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

5/16/2023: Email and Phone correspondence with the above listed party regarding the Well Proposal and Working Interest Unit. Left a Voicemail.

6/9/2023: Email and Phone correspondence with the above listed party regarding the Well Proposal and Working Interest Unit. Left a Voicemail.

6/28/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

8/30/2023: Email correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

T. Verne Dwver, Sole and Separate Property u/w/o Agnes W. Dwver, Deceased

10/12/2022: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

5/16/2023: Phone correspondence with the above listed party regarding the Well Proposal and Working Interest Unit. Left a Voicemail.

7/14/2023: Phone correspondence with the above listed party regarding the Well Proposal and Working Interest Unit. Left a Voicemail.

ATTACHMENT 

MEWBOURNE OIL COMPANY

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

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

October 12, 2022

Certified Mail

Chevron USA, Inc.
1400 Smith Street
Houston, Texas 77002

Re: Dama Dorado 2/1 B3LI Fed Com #1H and Dama Dorado 2/1 B3MP Fed Com #1H
1500' FSL & 205' FWL (Section 2) 1480' FSL & 205' FWL (Section 2)
1980' FSL & 100' FEL (Section 1) 660' FSL & 100' FEL (Section 1)

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 1 and 2 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 Dama Dorado 2/1 B3LI 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 8,348 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 18,096 feet. The N/2S/2 of Section 1 and the N/2S/2 of Section 2 will be dedicated to the well as the proration unit.

Finally, Mewbourne as Operator hereby proposes to drill the captioned Dama Dorado 2/1 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 8,365 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 18,143 feet. The S/2S/2 of Section 1 and the S/2S/2 of Section 2 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



October 19, 2022

Dear Simple Certified:

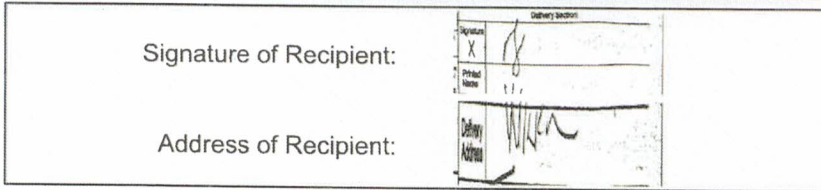
The following is in response to your request for proof of delivery on your item with the tracking number: **9402 8368 9784 6894 5125 91**.

Item Details

Status: Delivered, Individual Picked Up at Postal Facility
Status Date / Time: October 19, 2022, 12:26 pm
Location: HOUSTON, TX 77002
Postal Product: Priority Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic
 Up to \$100 insurance included

Recipient Name: Land Department

Recipient Signature



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
 Chevron USA Inc.
 1400 Smith Street
 Houston, TX 77002
 Reference #: Dama Dorado 2 1



**Proof of Acceptance
(Electronic)**

Date: 8/30/2023

Client Name:

Certified with RR(E) item number 9402836897846894547869,
addressed to T.Verne Dwyer, Sole and Separate Property uwo A

Accepted at USPS Origin Facility-October 13, 2022, 5:25 pm,
MIDLAND, TX 79701

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.

T.Verne Dwyer, Sole and Separate Property uwo A
508 W. Wall St. Suite 403
Midland, TX 79701
Reference #: Dama Dorado 2 1
Group Name: MIDLAND OFFICE

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

MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: DAMA DORADA 2/1 B3LI FED COM #1H Prospect: DAMA DORADA
Location: SL: 1500 FSL & 205 FWL (2); BHL: 1980 FSL & 100 FEL (1) County: EDDY ST: NM
Sec. 2 Blk: Survey: TWP: 20S RNG: 27E Prop. TVD: 8348 TMD: 18096

Table with columns: Description, CODE, TCP, CODE, CC. Section: INTANGIBLE COSTS 0180. Rows include Regulatory Permits & Surveys, Location/Road/Site/Preparation, Daywork/Turnkey/Footage Drilling, Fuel, etc.

TOTAL \$2,709,300 \$5,491,800

Table with columns: Description, CODE, TCP, CODE, CC. Section: TANGIBLE COSTS 0181. Rows include Casing (19.1" - 30"), Casing (10.1" - 19.0"), Casing (8.1" - 10.0"), etc.

TOTAL \$798,800 \$1,469,950

SUBTOTAL \$3,508,100 \$6,961,750

TOTAL WELL COST \$10,469,850

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.

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: 09/26/2023
Company Approval: Date:

Joint Owner Interest: Amount:
Joint Owner Name: Signature:

ATTACHMENT D

MEWBORNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

| | | | |
|---|--------------|-----------------------------------|--|
| Well Name: DAMA DORADA 2/1 B3MP FED COM #1H | | Prospect: DAMA DORADA | |
| Location: SL: 1480 FSL & 205 FWL (2); BHL: 660 FSL & 100 FEL (1) | | County: EDDY ST: NM | |
| Sec. 2 | Blk: | Survey: | TWP: 20S RNG: 27E Prop. TVD: 8365 TMD: 18143 |

| 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 | \$110,000 |
| Mud, Chemical & Additives | | 0180-0120 | \$40,000 | 0180-0220 | |
| Mud - Specialized | | 0180-0121 | \$220,000 | 0180-0221 | |
| Horizontal Drilling 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 | \$261,500 |
| TOTAL | | | \$2,709,300 | | \$5,491,800 |

| TANGIBLE COSTS 0181 | | CODE | TCP | CODE | CC |
|-------------------------------------|--|-----------|--------------------|-----------|--------------------|
| Casing (19.1" - 30") | | 0181-0793 | | | |
| Casing (10.1" - 19.0") | 900' - 13 3/8" 54.5# J-55 ST&C @ \$76.30/ft | 0181-0794 | \$73,300 | | |
| Casing (8.1" - 10.0") | 3600' - 9 5/8" 40# HCL80 LT&C @ \$60.83/ft | 0181-0795 | \$233,900 | | |
| Casing (6.1" - 8.0") | 8260' - 7" 29# HPP110 BT&C @ \$51.98/ft | 0181-0796 | \$458,600 | | |
| Casing (4.1" - 6.0") | 10150' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft | | | 0181-0797 | \$318,500 |
| Tubing | 7550' - 2 7/8" 6.5# L-80 IPC Tbg @ \$14.80/ft | | | 0181-0798 | \$119,300 |
| 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) TPI/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 | | | \$800,800 | | \$1,470,450 |
| SUBTOTAL | | | \$3,510,100 | | \$6,962,250 |

| | | | |
|------------------------|--|---------------------|--|
| TOTAL WELL COST | | \$10,472,350 | |
|------------------------|--|---------------------|--|

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: _____ |

(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.

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

5. Attachment A shows other Third Bone Spring Sand wells drilled in this area. There is a substantial preference for laydown wells.

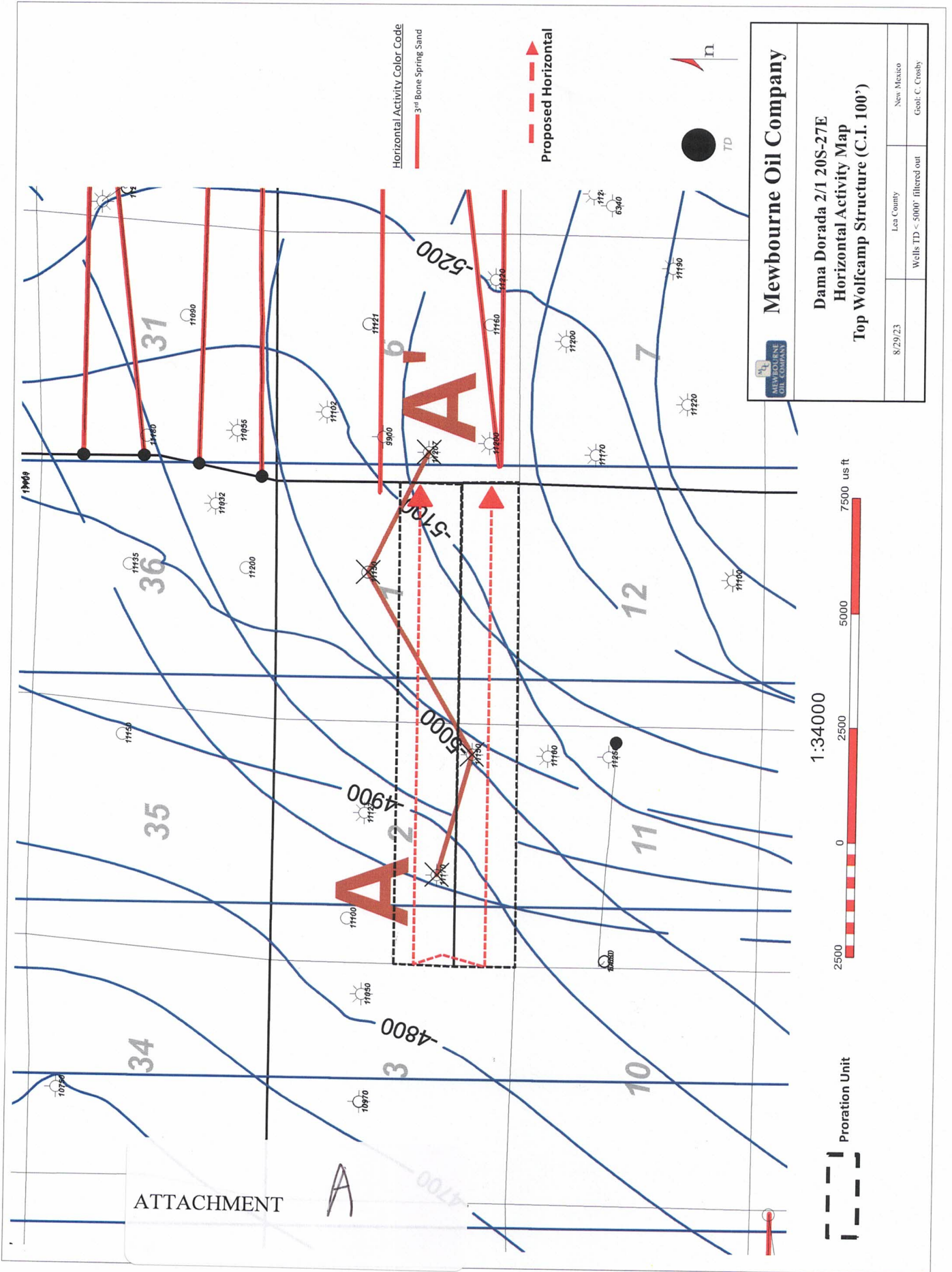
6. Attachment C contains horizontal drilling plans for the proposed wells. The producing intervals of the well will be orthodox.

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: 9/5/27



Charles Crosby



A' E

DEVON ENERGY PRODUCTION CO LP
ANGEL DRAW 2 STATE COM 01
Dakota-3397.00
1800 FS, 6600 PM
TWP. 20 S - Range. 27 E - Sec. 6

2542 FT

30015224800000
RICHMOND, NE
PUCRICO FEDERAL 2
Dakota-3397.00
TWP. 20 S - Range. 27 E - Sec. 1

4580 FT

30015134700000
NEWBOURNE OIL CO
ANGEL DRAW 2 STATE COM 01
Dakota-3397.00
TWP. 20 S - Range. 27 E - Sec. 2

2738 FT

30015134700000
NEWBOURNE OIL CO
ANGEL DRAW 2 STATE COM 02
Dakota-3397.00
TWP. 20 S - Range. 27 E - Sec. 2

A W

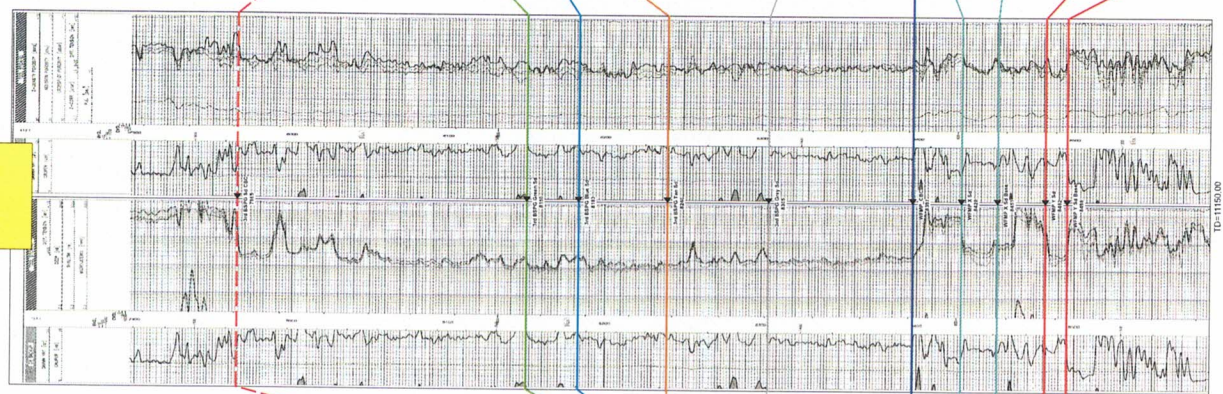
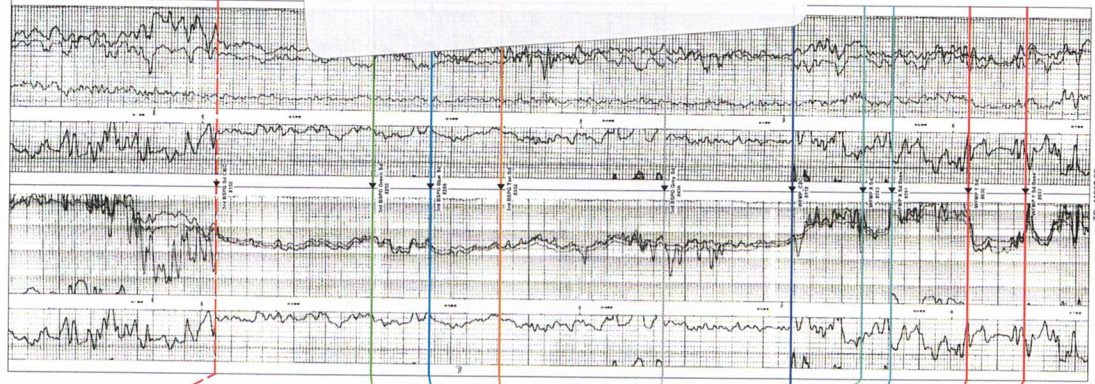
ATTACHMENT B

6L

1G

2P

2K



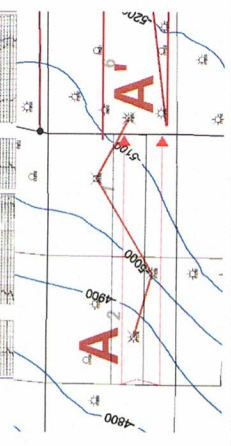
500

Top 3rd Bone Spring Sand

Dama Dorada 3rd BSPG SD Target

Top Wolfcamp

Dama Dorada 3rd Bone Spring Sand Cross Section Exhibit (A-A')



Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Dama Dorada 2/1 B3MP Fed Com 1H
KOP 7538.04
SL: 1480 FSL & 205 FWL; Sec 2/20S/27E
PBHL: 660 FSL & 100 FEL; Sec 1/20S/27E

Target KBTVD: 8,111 Feet 8111.00
Target Angle: 88.52 Degrees 88.52
Section Plane: 94.52 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 | 7538.04 | 0.00 | 94.52 | N/A | 7538.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A | N/A | 7538.0 | 573.0 | 1E-12 | 1.65 #VALUE! |
| 1 | 7626.56 | 8.85 | 94.52 | 88.516 | 7626.2 | 6.8 | -0.5 | 6.8 | 6.8 | 94.5 | 10.0 | 10.0 | 7626.0 | 485.0 | 0.1544895 | 1.65 0.1544895 |
| 2 | 7715.07 | 17.70 | 94.52 | 88.516 | 7712.3 | 27.1 | -2.1 | 27.0 | 27.1 | 94.5 | 10.0 | 10.0 | 7711.6 | 399.4 | 0.308979 | 1.65 0.1544895 |
| 3 | 7803.59 | 26.55 | 94.52 | 88.516 | 7794.2 | 60.4 | -4.8 | 60.3 | 60.4 | 94.5 | 10.0 | 10.0 | 7792.6 | 318.4 | 0.4634685 | 1.65 0.1544895 |
| 4 | 7892.11 | 35.41 | 94.52 | 88.516 | 7870.0 | 106.0 | -8.3 | 105.6 | 106.0 | 94.5 | 10.0 | 10.0 | 7867.3 | 243.7 | 0.617958 | 1.65 0.1544895 |
| 5 | 7980.62 | 44.26 | 94.52 | 88.516 | 7937.9 | 162.6 | -12.8 | 162.1 | 162.6 | 94.5 | 10.0 | 10.0 | 7933.7 | 177.3 | 0.7724475 | 1.65 0.1544895 |
| 6 | 8069.14 | 53.11 | 94.52 | 88.516 | 7996.3 | 229.0 | -18.0 | 228.3 | 229.0 | 94.5 | 10.0 | 10.0 | 7990.4 | 120.6 | 0.926937 | 1.65 0.1544895 |
| 7 | 8157.65 | 61.96 | 94.52 | 88.516 | 8043.8 | 303.6 | -23.9 | 302.7 | 303.6 | 94.5 | 10.0 | 10.0 | 8035.9 | 75.1 | 1.0814265 | 1.65 0.1544895 |
| 8 | 8246.17 | 70.81 | 94.52 | 88.516 | 8079.2 | 384.7 | -30.3 | 383.5 | 384.7 | 94.5 | 10.0 | 10.0 | 8069.2 | 41.8 | 1.235916 | 1.65 0.1544895 |
| 9 | 8334.69 | 79.66 | 94.52 | 88.516 | 8101.7 | 470.2 | -37.0 | 468.7 | 470.2 | 94.5 | 10.0 | 10.0 | 8089.5 | 21.5 | 1.3904055 | 1.65 0.1544895 |
| 10 | 8423.20 | 88.52 | 94.52 | 88.516 | 8110.8 | 558.1 | -44.0 | 556.4 | 558.1 | 94.5 | 10.0 | 10.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 0.1544895 |
| 11 | 8500.00 | 88.52 | 94.52 | 76.798 | 8112.8 | 634.9 | -50.0 | 632.9 | 634.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 12 | 8600.00 | 88.52 | 94.52 | 100 | 8115.4 | 734.9 | -57.9 | 732.6 | 734.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 13 | 8700.00 | 88.52 | 94.52 | 100 | 8118.0 | 834.8 | -65.8 | 832.2 | 834.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 14 | 8800.00 | 88.52 | 94.52 | 100 | 8120.6 | 934.8 | -73.6 | 931.9 | 934.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 15 | 8900.00 | 88.52 | 94.52 | 100 | 8123.2 | 1034.8 | -81.5 | 1031.5 | 1034.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 16 | 9000.00 | 88.52 | 94.52 | 100 | 8125.7 | 1134.7 | -89.4 | 1131.2 | 1134.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 17 | 9100.00 | 88.52 | 94.52 | 100 | 8128.3 | 1234.7 | -97.3 | 1230.9 | 1234.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 18 | 9200.00 | 88.52 | 94.52 | 100 | 8130.9 | 1334.7 | -105.1 | 1330.5 | 1334.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 19 | 9300.00 | 88.52 | 94.52 | 100 | 8133.5 | 1434.6 | -113.0 | 1430.2 | 1434.6 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 20 | 9400.00 | 88.52 | 94.52 | 100 | 8136.1 | 1534.6 | -120.9 | 1529.8 | 1534.6 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 21 | 9500.00 | 88.52 | 94.52 | 100 | 8138.7 | 1634.6 | -128.8 | 1629.5 | 1634.6 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 22 | 9600.00 | 88.52 | 94.52 | 100 | 8141.3 | 1734.5 | -136.7 | 1729.1 | 1734.5 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 23 | 9700.00 | 88.52 | 94.52 | 100 | 8143.9 | 1834.5 | -144.5 | 1828.8 | 1834.5 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 24 | 9800.00 | 88.52 | 94.52 | 100 | 8146.5 | 1934.5 | -152.4 | 1928.4 | 1934.5 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 25 | 9900.00 | 88.52 | 94.52 | 100 | 8149.1 | 2034.4 | -160.3 | 2028.1 | 2034.4 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 26 | 10000.00 | 88.52 | 94.52 | 100 | 8151.6 | 2134.4 | -168.2 | 2127.8 | 2134.4 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 27 | 10100.00 | 88.52 | 94.52 | 100 | 8154.2 | 2234.4 | -176.0 | 2227.4 | 2234.4 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 28 | 10200.00 | 88.52 | 94.52 | 100 | 8156.8 | 2334.3 | -183.9 | 2327.1 | 2334.3 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 29 | 10300.00 | 88.52 | 94.52 | 100 | 8159.4 | 2434.3 | -191.8 | 2426.7 | 2434.3 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 30 | 10400.00 | 88.52 | 94.52 | 100 | 8162.0 | 2534.3 | -199.7 | 2526.4 | 2534.3 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 31 | 10500.00 | 88.52 | 94.52 | 100 | 8164.6 | 2634.2 | -207.5 | 2626.0 | 2634.2 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 32 | 10600.00 | 88.52 | 94.52 | 100 | 8167.2 | 2734.2 | -215.4 | 2725.7 | 2734.2 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 33 | 10700.00 | 88.52 | 94.52 | 100 | 8169.8 | 2834.2 | -223.3 | 2825.3 | 2834.2 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 34 | 10800.00 | 88.52 | 94.52 | 100 | 8172.4 | 2934.1 | -231.2 | 2925.0 | 2934.1 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 35 | 10900.00 | 88.52 | 94.52 | 100 | 8175.0 | 3034.1 | -239.0 | 3024.7 | 3034.1 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 36 | 11000.00 | 88.52 | 94.52 | 100 | 8177.5 | 3134.1 | -246.9 | 3124.3 | 3134.1 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 37 | 11100.00 | 88.52 | 94.52 | 100 | 8180.1 | 3234.0 | -254.8 | 3224.0 | 3234.0 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 38 | 11200.00 | 88.52 | 94.52 | 100 | 8182.7 | 3334.0 | -262.7 | 3323.6 | 3334.0 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 39 | 11300.00 | 88.52 | 94.52 | 100 | 8185.3 | 3434.0 | -270.5 | 3423.3 | 3434.0 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 40 | 11400.00 | 88.52 | 94.52 | 100 | 8187.9 | 3533.9 | -278.4 | 3522.9 | 3533.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 41 | 11500.00 | 88.52 | 94.52 | 100 | 8190.5 | 3633.9 | -286.3 | 3622.6 | 3633.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 42 | 11600.00 | 88.52 | 94.52 | 100 | 8193.1 | 3733.9 | -294.2 | 3722.2 | 3733.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 43 | 11700.00 | 88.52 | 94.52 | 100 | 8195.7 | 3833.8 | -302.0 | 3821.9 | 3833.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 44 | 11800.00 | 88.52 | 94.52 | 100 | 8198.3 | 3933.8 | -309.9 | 3921.6 | 3933.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 45 | 11900.00 | 88.52 | 94.52 | 100 | 8200.9 | 4033.8 | -317.8 | 4021.2 | 4033.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 46 | 12000.00 | 88.52 | 94.52 | 100 | 8203.4 | 4133.7 | -325.7 | 4120.9 | 4133.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 47 | 12100.00 | 88.52 | 94.52 | 100 | 8206.0 | 4233.7 | -333.5 | 4220.5 | 4233.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 48 | 12200.00 | 88.52 | 94.52 | 100 | 8208.6 | 4333.7 | -341.4 | 4320.2 | 4333.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 49 | 12300.00 | 88.52 | 94.52 | 100 | 8211.2 | 4433.6 | -349.3 | 4419.8 | 4433.6 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 50 | 12400.00 | 88.52 | 94.52 | 100 | 8213.8 | 4533.6 | -357.2 | 4519.5 | 4533.6 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 51 | 12500.00 | 88.52 | 94.52 | 100 | 8216.4 | 4633.5 | -365.0 | 4619.1 | 4633.5 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 52 | 12600.00 | 88.52 | 94.52 | 100 | 8219.0 | 4733.5 | -372.9 | 4718.8 | 4733.5 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 53 | 12700.00 | 88.52 | 94.52 | 100 | 8221.6 | 4833.5 | -380.8 | 4818.5 | 4833.5 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 54 | 12800.00 | 88.52 | 94.52 | 100 | 8224.2 | 4933.4 | -388.7 | 4918.1 | 4933.4 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 55 | 12900.00 | 88.52 | 94.52 | 100 | 8226.8 | 5033.4 | -396.5 | 5017.8 | 5033.4 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |
| 56 | 13000.00 | 88.52 | 94.52 | 100 | 8229.3 | 5133.4 | -404.4 | 5117.4 | 5133.4 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 1E-10 |

ATTACHMENT 

| | | | | | | | | | | | | | | | | | |
|-----|----------|-------|-------|--------|--------|---------|--------|---------|---------|------|-------|-------|--------|------|-----------|------|-------|
| 57 | 13100.00 | 88.52 | 94.52 | 100 | 8231.9 | 5233.3 | -412.3 | 5217.1 | 5233.3 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 58 | 13200.00 | 88.52 | 94.52 | 100 | 8234.5 | 5333.3 | -420.2 | 5316.7 | 5333.3 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 59 | 13300.00 | 88.52 | 94.52 | 100 | 8237.1 | 5433.3 | -428.0 | 5416.4 | 5433.3 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 60 | 13400.00 | 88.52 | 94.52 | 100 | 8239.7 | 5533.2 | -435.9 | 5516.0 | 5533.2 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 61 | 13500.00 | 88.52 | 94.52 | 100 | 8242.3 | 5633.2 | -443.8 | 5615.7 | 5633.2 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 62 | 13600.00 | 88.52 | 94.52 | 100 | 8244.9 | 5733.2 | -451.7 | 5715.4 | 5733.2 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 63 | 13700.00 | 88.52 | 94.52 | 100 | 8247.5 | 5833.1 | -459.6 | 5815.0 | 5833.1 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 64 | 13800.00 | 88.52 | 94.52 | 100 | 8250.1 | 5933.1 | -467.4 | 5914.7 | 5933.1 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 65 | 13900.00 | 88.52 | 94.52 | 100 | 8252.6 | 6033.1 | -475.3 | 6014.3 | 6033.1 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 66 | 14000.00 | 88.52 | 94.52 | 100 | 8255.2 | 6133.0 | -483.2 | 6114.0 | 6133.0 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 67 | 14100.00 | 88.52 | 94.52 | 100 | 8257.8 | 6233.0 | -491.1 | 6213.6 | 6233.0 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 68 | 14200.00 | 88.52 | 94.52 | 100 | 8260.4 | 6333.0 | -498.9 | 6313.3 | 6333.0 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 69 | 14300.00 | 88.52 | 94.52 | 100 | 8263.0 | 6432.9 | -506.8 | 6413.0 | 6432.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 70 | 14400.00 | 88.52 | 94.52 | 100 | 8265.6 | 6532.9 | -514.7 | 6512.6 | 6532.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 71 | 14500.00 | 88.52 | 94.52 | 100 | 8268.2 | 6632.9 | -522.6 | 6612.3 | 6632.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 72 | 14600.00 | 88.52 | 94.52 | 100 | 8270.8 | 6732.8 | -530.4 | 6711.9 | 6732.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 73 | 14700.00 | 88.52 | 94.52 | 100 | 8273.4 | 6832.8 | -538.3 | 6811.6 | 6832.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 74 | 14800.00 | 88.52 | 94.52 | 100 | 8276.0 | 6932.8 | -546.2 | 6911.2 | 6932.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 75 | 14900.00 | 88.52 | 94.52 | 100 | 8278.5 | 7032.7 | -554.1 | 7010.9 | 7032.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 76 | 15000.00 | 88.52 | 94.52 | 100 | 8281.1 | 7132.7 | -561.9 | 7110.5 | 7132.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 77 | 15100.00 | 88.52 | 94.52 | 100 | 8283.7 | 7232.7 | -569.8 | 7210.2 | 7232.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 78 | 15200.00 | 88.52 | 94.52 | 100 | 8286.3 | 7332.6 | -577.7 | 7309.9 | 7332.6 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 79 | 15300.00 | 88.52 | 94.52 | 100 | 8288.9 | 7432.6 | -585.6 | 7409.5 | 7432.6 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 80 | 15400.00 | 88.52 | 94.52 | 100 | 8291.5 | 7532.6 | -593.4 | 7509.2 | 7532.6 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 81 | 15500.00 | 88.52 | 94.52 | 100 | 8294.1 | 7632.5 | -601.3 | 7608.8 | 7632.5 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 82 | 15600.00 | 88.52 | 94.52 | 100 | 8296.7 | 7732.5 | -609.2 | 7708.5 | 7732.5 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 83 | 15700.00 | 88.52 | 94.52 | 100 | 8299.3 | 7832.5 | -617.1 | 7808.1 | 7832.5 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 84 | 15800.00 | 88.52 | 94.52 | 100 | 8301.9 | 7932.4 | -624.9 | 7907.8 | 7932.4 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 85 | 15900.00 | 88.52 | 94.52 | 100 | 8304.4 | 8032.4 | -632.8 | 8007.4 | 8032.4 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 86 | 16000.00 | 88.52 | 94.52 | 100 | 8307.0 | 8132.4 | -640.7 | 8107.1 | 8132.4 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 87 | 16100.00 | 88.52 | 94.52 | 100 | 8309.6 | 8232.3 | -648.6 | 8206.8 | 8232.3 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 88 | 16200.00 | 88.52 | 94.52 | 100 | 8312.2 | 8332.3 | -656.4 | 8306.4 | 8332.3 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 89 | 16300.00 | 88.52 | 94.52 | 100 | 8314.8 | 8432.3 | -664.3 | 8406.1 | 8432.3 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 90 | 16400.00 | 88.52 | 94.52 | 100 | 8317.4 | 8532.2 | -672.2 | 8505.7 | 8532.2 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 91 | 16500.00 | 88.52 | 94.52 | 100 | 8320.0 | 8632.2 | -680.1 | 8605.4 | 8632.2 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 92 | 16600.00 | 88.52 | 94.52 | 100 | 8322.6 | 8732.2 | -687.9 | 8705.0 | 8732.2 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 93 | 16700.00 | 88.52 | 94.52 | 100 | 8325.2 | 8832.1 | -695.8 | 8804.7 | 8832.1 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 94 | 16800.00 | 88.52 | 94.52 | 100 | 8327.8 | 8932.1 | -703.7 | 8904.3 | 8932.1 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 95 | 16900.00 | 88.52 | 94.52 | 100 | 8330.3 | 9032.1 | -711.6 | 9004.0 | 9032.1 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 96 | 17000.00 | 88.52 | 94.52 | 100 | 8332.9 | 9132.0 | -719.4 | 9103.7 | 9132.0 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 97 | 17100.00 | 88.52 | 94.52 | 100 | 8335.5 | 9232.0 | -727.3 | 9203.3 | 9232.0 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 98 | 17200.00 | 88.52 | 94.52 | 100 | 8338.1 | 9332.0 | -735.2 | 9303.0 | 9332.0 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 99 | 17300.00 | 88.52 | 94.52 | 100 | 8340.7 | 9431.9 | -743.1 | 9402.6 | 9431.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 100 | 17400.00 | 88.52 | 94.52 | 100 | 8343.3 | 9531.9 | -750.9 | 9502.3 | 9531.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 101 | 17500.00 | 88.52 | 94.52 | 100 | 8345.9 | 9631.9 | -758.8 | 9601.9 | 9631.9 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 102 | 17600.00 | 88.52 | 94.52 | 100 | 8348.5 | 9731.8 | -766.7 | 9701.6 | 9731.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 103 | 17700.00 | 88.52 | 94.52 | 100 | 8351.1 | 9831.8 | -774.6 | 9801.2 | 9831.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 104 | 17800.00 | 88.52 | 94.52 | 100 | 8353.7 | 9931.8 | -782.5 | 9900.9 | 9931.8 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 105 | 17900.00 | 88.52 | 94.52 | 100 | 8356.2 | 10031.7 | -790.3 | 10000.6 | 10031.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 106 | 18000.00 | 88.52 | 94.52 | 100 | 8358.8 | 10131.7 | -798.2 | 10100.2 | 10131.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 107 | 18100.00 | 88.52 | 94.52 | 100 | 8361.4 | 10231.7 | -806.1 | 10199.9 | 10231.7 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 108 | 18126.48 | 88.52 | 94.52 | 26.477 | 8362.1 | 10258.1 | -808.2 | 10226.3 | 10258.1 | 94.5 | 0.0 | 0.0 | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |
| 109 | 18126.48 | 88.52 | 94.52 | 0 | 8362.1 | 10258.1 | -808.2 | 10226.3 | 10258.1 | 94.5 | ##### | ##### | 8096.3 | 14.7 | 1.5448949 | 1.65 | 1E-10 |

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Dama Dorada 2/1 B3L1 Fed Com 1H
KOP 7513.04
SL: 1500 FSL & 205 FWL; Sec 2/20S/27E
PBHL: 1980 FSL & 100 FEL; Sec 1/20S/27E

Target KBTVD: 8,086 Feet 8086.00
Target Angle: 88.45 Degrees 88.45
Section Plane: 87.25 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 | 7513.04 | 0.00 | 87.25 | N/A | 7513.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A | N/A | 7513.0 | 573.0 | 1E-12 | 1.52 #VALUE! |
| 1 | 7601.50 | 8.85 | 87.25 | 88.454 | 7601.1 | 6.8 | 0.3 | 6.8 | 6.8 | 87.2 | 10.0 | 10.0 | 7601.0 | 485.0 | 0.1543813 | 1.52 0.1543813 |
| 2 | 7689.95 | 17.69 | 87.25 | 88.454 | 7687.2 | 27.1 | 1.3 | 27.1 | 27.1 | 87.2 | 10.0 | 10.0 | 7686.4 | 399.6 | 0.3087625 | 1.52 0.1543813 |
| 3 | 7778.40 | 26.54 | 87.25 | 88.454 | 7769.0 | 60.4 | 2.9 | 60.3 | 60.4 | 87.2 | 10.0 | 10.0 | 7767.4 | 318.6 | 0.4631438 | 1.52 0.1543813 |
| 4 | 7866.86 | 35.38 | 87.25 | 88.454 | 7844.8 | 105.8 | 5.1 | 105.7 | 105.8 | 87.2 | 10.0 | 10.0 | 7841.9 | 244.1 | 0.617525 | 1.52 0.1543813 |
| 5 | 7955.31 | 44.23 | 87.25 | 88.454 | 7912.7 | 162.4 | 7.8 | 162.2 | 162.4 | 87.2 | 10.0 | 10.0 | 7908.3 | 177.7 | 0.7719063 | 1.52 0.1543813 |
| 6 | 8043.77 | 53.07 | 87.25 | 88.454 | 7971.1 | 228.7 | 11.0 | 228.5 | 228.7 | 87.2 | 10.0 | 10.0 | 7964.9 | 121.1 | 0.9262875 | 1.52 0.1543813 |
| 7 | 8132.22 | 61.92 | 87.25 | 88.454 | 8018.5 | 303.2 | 14.6 | 302.9 | 303.2 | 87.2 | 10.0 | 10.0 | 8010.4 | 75.6 | 1.0806688 | 1.52 0.1543813 |
| 8 | 8220.67 | 70.76 | 87.25 | 88.454 | 8054.0 | 384.2 | 18.4 | 383.7 | 384.2 | 87.2 | 10.0 | 10.0 | 8043.6 | 42.4 | 1.2350501 | 1.52 0.1543813 |
| 9 | 8309.13 | 79.61 | 87.25 | 88.454 | 8076.6 | 469.6 | 22.5 | 469.1 | 469.6 | 87.2 | 10.0 | 10.0 | 8063.9 | 22.1 | 1.3894313 | 1.52 0.1543813 |
| 10 | 8397.58 | 88.45 | 87.25 | 88.454 | 8085.8 | 557.5 | 26.8 | 556.9 | 557.5 | 87.2 | 10.0 | 10.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 0.1543813 |
| 11 | 8400.00 | 88.45 | 87.25 | 2.4183 | 8085.9 | 559.9 | 26.9 | 559.3 | 559.9 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 12 | 8500.00 | 88.45 | 87.25 | 100 | 8088.6 | 659.9 | 31.7 | 659.1 | 659.9 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 13 | 8600.00 | 88.45 | 87.25 | 100 | 8091.3 | 759.8 | 36.5 | 759.0 | 759.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 14 | 8700.00 | 88.45 | 87.25 | 100 | 8094.0 | 859.8 | 41.3 | 858.8 | 859.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 15 | 8800.00 | 88.45 | 87.25 | 100 | 8096.6 | 959.8 | 46.1 | 958.7 | 959.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 16 | 8900.00 | 88.45 | 87.25 | 100 | 8099.3 | 1059.7 | 50.9 | 1058.5 | 1059.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 17 | 9000.00 | 88.45 | 87.25 | 100 | 8102.0 | 1159.7 | 55.6 | 1158.4 | 1159.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 18 | 9100.00 | 88.45 | 87.25 | 100 | 8104.7 | 1259.7 | 60.4 | 1258.2 | 1259.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 19 | 9200.00 | 88.45 | 87.25 | 100 | 8107.4 | 1359.6 | 65.2 | 1358.1 | 1359.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 20 | 9300.00 | 88.45 | 87.25 | 100 | 8110.1 | 1459.6 | 70.0 | 1457.9 | 1459.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 21 | 9400.00 | 88.45 | 87.25 | 100 | 8112.8 | 1559.6 | 74.8 | 1557.8 | 1559.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 22 | 9500.00 | 88.45 | 87.25 | 100 | 8115.5 | 1659.5 | 79.6 | 1657.6 | 1659.5 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 23 | 9600.00 | 88.45 | 87.25 | 100 | 8118.2 | 1759.5 | 84.4 | 1757.5 | 1759.5 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 24 | 9700.00 | 88.45 | 87.25 | 100 | 8120.9 | 1859.4 | 89.2 | 1857.3 | 1859.4 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 25 | 9800.00 | 88.45 | 87.25 | 100 | 8123.6 | 1959.4 | 94.0 | 1957.1 | 1959.4 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 26 | 9900.00 | 88.45 | 87.25 | 100 | 8126.3 | 2059.4 | 98.8 | 2057.0 | 2059.4 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 27 | 10000.00 | 88.45 | 87.25 | 100 | 8129.0 | 2159.3 | 103.6 | 2156.8 | 2159.3 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 28 | 10100.00 | 88.45 | 87.25 | 100 | 8131.7 | 2259.3 | 108.4 | 2256.7 | 2259.3 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 29 | 10200.00 | 88.45 | 87.25 | 100 | 8134.4 | 2359.3 | 113.2 | 2356.5 | 2359.3 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 30 | 10300.00 | 88.45 | 87.25 | 100 | 8137.1 | 2459.2 | 118.0 | 2456.4 | 2459.2 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 31 | 10400.00 | 88.45 | 87.25 | 100 | 8139.8 | 2559.2 | 122.8 | 2556.2 | 2559.2 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 32 | 10500.00 | 88.45 | 87.25 | 100 | 8142.5 | 2659.2 | 127.6 | 2656.1 | 2659.2 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 33 | 10600.00 | 88.45 | 87.25 | 100 | 8145.2 | 2759.1 | 132.4 | 2755.9 | 2759.1 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 34 | 10700.00 | 88.45 | 87.25 | 100 | 8147.9 | 2859.1 | 137.2 | 2855.8 | 2859.1 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 35 | 10800.00 | 88.45 | 87.25 | 100 | 8150.6 | 2959.0 | 142.0 | 2955.6 | 2959.0 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 36 | 10900.00 | 88.45 | 87.25 | 100 | 8153.3 | 3059.0 | 146.8 | 3055.5 | 3059.0 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 37 | 11000.00 | 88.45 | 87.25 | 100 | 8156.0 | 3159.0 | 151.6 | 3155.3 | 3159.0 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 38 | 11100.00 | 88.45 | 87.25 | 100 | 8158.7 | 3258.9 | 156.4 | 3255.2 | 3258.9 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 39 | 11200.00 | 88.45 | 87.25 | 100 | 8161.4 | 3358.9 | 161.2 | 3355.0 | 3358.9 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 40 | 11300.00 | 88.45 | 87.25 | 100 | 8164.1 | 3458.9 | 166.0 | 3454.9 | 3458.9 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 41 | 11400.00 | 88.45 | 87.25 | 100 | 8166.8 | 3558.8 | 170.8 | 3554.7 | 3558.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 42 | 11500.00 | 88.45 | 87.25 | 100 | 8169.5 | 3658.8 | 175.6 | 3654.6 | 3658.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 43 | 11600.00 | 88.45 | 87.25 | 100 | 8172.2 | 3758.8 | 180.4 | 3754.4 | 3758.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 44 | 11700.00 | 88.45 | 87.25 | 100 | 8174.9 | 3858.7 | 185.2 | 3854.3 | 3858.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 45 | 11800.00 | 88.45 | 87.25 | 100 | 8177.6 | 3958.7 | 190.0 | 3954.1 | 3958.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 46 | 11900.00 | 88.45 | 87.25 | 100 | 8180.3 | 4058.6 | 194.8 | 4054.0 | 4058.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 47 | 12000.00 | 88.45 | 87.25 | 100 | 8183.0 | 4158.6 | 199.6 | 4153.8 | 4158.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 48 | 12100.00 | 88.45 | 87.25 | 100 | 8185.7 | 4258.6 | 204.4 | 4253.7 | 4258.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 49 | 12200.00 | 88.45 | 87.25 | 100 | 8188.4 | 4358.5 | 209.2 | 4353.5 | 4358.5 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 50 | 12300.00 | 88.45 | 87.25 | 100 | 8191.1 | 4458.5 | 213.9 | 4453.4 | 4458.5 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 51 | 12400.00 | 88.45 | 87.25 | 100 | 8193.8 | 4558.5 | 218.7 | 4553.2 | 4558.5 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 52 | 12500.00 | 88.45 | 87.25 | 100 | 8196.5 | 4658.4 | 223.5 | 4653.1 | 4658.4 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 53 | 12600.00 | 88.45 | 87.25 | 100 | 8199.2 | 4758.4 | 228.3 | 4752.9 | 4758.4 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 54 | 12700.00 | 88.45 | 87.25 | 100 | 8201.9 | 4858.4 | 233.1 | 4852.8 | 4858.4 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 55 | 12800.00 | 88.45 | 87.25 | 100 | 8204.6 | 4958.3 | 237.9 | 4952.6 | 4958.3 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |
| 56 | 12900.00 | 88.45 | 87.25 | 100 | 8207.3 | 5058.3 | 242.7 | 5052.5 | 5058.3 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 1E-10 |

| | | | | | | | | | | | | | | | | | |
|-----|----------|-------|-------|--------|--------|---------|-------|---------|---------|------|-------|-------|--------|------|-----------|------|-------|
| 57 | 13000.00 | 88.45 | 87.25 | 100 | 8210.0 | 5158.2 | 247.5 | 5152.3 | 5158.2 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 58 | 13100.00 | 88.45 | 87.25 | 100 | 8212.7 | 5258.2 | 252.3 | 5252.1 | 5258.2 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 59 | 13200.00 | 88.45 | 87.25 | 100 | 8215.4 | 5358.2 | 257.1 | 5352.0 | 5358.2 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 60 | 13300.00 | 88.45 | 87.25 | 100 | 8218.1 | 5458.1 | 261.9 | 5451.8 | 5458.1 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 61 | 13400.00 | 88.45 | 87.25 | 100 | 8220.8 | 5558.1 | 266.7 | 5551.7 | 5558.1 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 62 | 13500.00 | 88.45 | 87.25 | 100 | 8223.5 | 5658.1 | 271.5 | 5651.5 | 5658.1 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 63 | 13600.00 | 88.45 | 87.25 | 100 | 8226.2 | 5758.0 | 276.3 | 5751.4 | 5758.0 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 64 | 13700.00 | 88.45 | 87.25 | 100 | 8228.9 | 5858.0 | 281.1 | 5851.2 | 5858.0 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 65 | 13800.00 | 88.45 | 87.25 | 100 | 8231.6 | 5958.0 | 285.9 | 5951.1 | 5958.0 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 66 | 13900.00 | 88.45 | 87.25 | 100 | 8234.2 | 6057.9 | 290.7 | 6050.9 | 6057.9 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 67 | 14000.00 | 88.45 | 87.25 | 100 | 8236.9 | 6157.9 | 295.5 | 6150.8 | 6157.9 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 68 | 14100.00 | 88.45 | 87.25 | 100 | 8239.6 | 6257.8 | 300.3 | 6250.6 | 6257.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 69 | 14200.00 | 88.45 | 87.25 | 100 | 8242.3 | 6357.8 | 305.1 | 6350.5 | 6357.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 70 | 14300.00 | 88.45 | 87.25 | 100 | 8245.0 | 6457.8 | 309.9 | 6450.3 | 6457.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 71 | 14400.00 | 88.45 | 87.25 | 100 | 8247.7 | 6557.7 | 314.7 | 6550.2 | 6557.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 72 | 14500.00 | 88.45 | 87.25 | 100 | 8250.4 | 6657.7 | 319.5 | 6650.0 | 6657.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 73 | 14600.00 | 88.45 | 87.25 | 100 | 8253.1 | 6757.7 | 324.3 | 6749.9 | 6757.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 74 | 14700.00 | 88.45 | 87.25 | 100 | 8255.8 | 6857.6 | 329.1 | 6849.7 | 6857.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 75 | 14800.00 | 88.45 | 87.25 | 100 | 8258.5 | 6957.6 | 333.9 | 6949.6 | 6957.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 76 | 14900.00 | 88.45 | 87.25 | 100 | 8261.2 | 7057.6 | 338.7 | 7049.4 | 7057.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 77 | 15000.00 | 88.45 | 87.25 | 100 | 8263.9 | 7157.5 | 343.5 | 7149.3 | 7157.5 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 78 | 15100.00 | 88.45 | 87.25 | 100 | 8266.6 | 7257.5 | 348.3 | 7249.1 | 7257.5 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 79 | 15200.00 | 88.45 | 87.25 | 100 | 8269.3 | 7357.4 | 353.1 | 7349.0 | 7357.4 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 80 | 15300.00 | 88.45 | 87.25 | 100 | 8272.0 | 7457.4 | 357.9 | 7448.8 | 7457.4 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 81 | 15400.00 | 88.45 | 87.25 | 100 | 8274.7 | 7557.4 | 362.7 | 7548.7 | 7557.4 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 82 | 15500.00 | 88.45 | 87.25 | 100 | 8277.4 | 7657.3 | 367.4 | 7648.5 | 7657.3 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 83 | 15600.00 | 88.45 | 87.25 | 100 | 8280.1 | 7757.3 | 372.2 | 7748.4 | 7757.3 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 84 | 15700.00 | 88.45 | 87.25 | 100 | 8282.8 | 7857.3 | 377.0 | 7848.2 | 7857.3 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 85 | 15800.00 | 88.45 | 87.25 | 100 | 8285.5 | 7957.2 | 381.8 | 7948.1 | 7957.2 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 86 | 15900.00 | 88.45 | 87.25 | 100 | 8288.2 | 8057.2 | 386.6 | 8047.9 | 8057.2 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 87 | 16000.00 | 88.45 | 87.25 | 100 | 8290.9 | 8157.1 | 391.4 | 8147.8 | 8157.1 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 88 | 16100.00 | 88.45 | 87.25 | 100 | 8293.6 | 8257.1 | 396.2 | 8247.6 | 8257.1 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 89 | 16200.00 | 88.45 | 87.25 | 100 | 8296.3 | 8357.1 | 401.0 | 8347.4 | 8357.1 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 90 | 16300.00 | 88.45 | 87.25 | 100 | 8299.0 | 8457.0 | 405.8 | 8447.3 | 8457.0 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 91 | 16400.00 | 88.45 | 87.25 | 100 | 8301.7 | 8557.0 | 410.6 | 8547.1 | 8557.0 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 92 | 16500.00 | 88.45 | 87.25 | 100 | 8304.4 | 8657.0 | 415.4 | 8647.0 | 8657.0 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 93 | 16600.00 | 88.45 | 87.25 | 100 | 8307.1 | 8756.9 | 420.2 | 8746.8 | 8756.9 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 94 | 16700.00 | 88.45 | 87.25 | 100 | 8309.8 | 8856.9 | 425.0 | 8846.7 | 8856.9 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 95 | 16800.00 | 88.45 | 87.25 | 100 | 8312.5 | 8956.9 | 429.8 | 8946.5 | 8956.9 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 96 | 16900.00 | 88.45 | 87.25 | 100 | 8315.2 | 9056.8 | 434.6 | 9046.4 | 9056.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 97 | 17000.00 | 88.45 | 87.25 | 100 | 8317.9 | 9156.8 | 439.4 | 9146.2 | 9156.8 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 98 | 17100.00 | 88.45 | 87.25 | 100 | 8320.6 | 9256.7 | 444.2 | 9246.1 | 9256.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 99 | 17200.00 | 88.45 | 87.25 | 100 | 8323.3 | 9356.7 | 449.0 | 9345.9 | 9356.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 100 | 17300.00 | 88.45 | 87.25 | 100 | 8326.0 | 9456.7 | 453.8 | 9445.8 | 9456.7 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 101 | 17400.00 | 88.45 | 87.25 | 100 | 8328.7 | 9556.6 | 458.6 | 9545.6 | 9556.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 102 | 17500.00 | 88.45 | 87.25 | 100 | 8331.4 | 9656.6 | 463.4 | 9645.5 | 9656.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 103 | 17600.00 | 88.45 | 87.25 | 100 | 8334.1 | 9756.6 | 468.2 | 9745.3 | 9756.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 104 | 17700.00 | 88.45 | 87.25 | 100 | 8336.8 | 9856.5 | 473.0 | 9845.2 | 9856.5 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 105 | 17800.00 | 88.45 | 87.25 | 100 | 8339.5 | 9956.5 | 477.8 | 9945.0 | 9956.5 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 106 | 17900.00 | 88.45 | 87.25 | 100 | 8342.2 | 10056.5 | 482.6 | 10044.9 | 10056.5 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 107 | 18000.00 | 88.45 | 87.25 | 100 | 8344.9 | 10156.4 | 487.4 | 10144.7 | 10156.4 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 108 | 18083.18 | 88.45 | 87.25 | 83.183 | 8347.1 | 10239.6 | 491.4 | 10227.8 | 10239.6 | 87.2 | 0.0 | 0.0 | 8070.7 | 15.3 | 1.5438126 | 1.52 | 1E-10 |
| 109 | 18083.18 | 88.45 | 87.25 | 0 | 8347.1 | 10239.6 | 491.4 | 10227.8 | 10239.6 | 87.2 | ##### | ##### | 8070.7 | 15.3 | 1.5438126 | 1.52 | 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. 23756

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

Case No. 23757

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 applications filed herein.
4. Notice of the applications 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
James Bruce

EXHIBIT 5

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 16, 2023

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

ATTACHMENT *A*

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

Case No. 23756: 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 2 and the N/2S/2 of Section 1, Township 20 South, Range 27 East, NMPM, Eddy County, New Mexico. The unit will be dedicated to the Dama Dorado 2/1 B3LI Fed. Com. Well No. 1H; and

Case No. 23757: 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 2 and the S/2S/2 of Section 1, Township 20 South, Range 27 East, NMPM, Eddy County, New Mexico. The unit will be dedicated to the Dama Dorado 2/1 B3MP 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

EXHIBIT A

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

Attention: Permitting Team

T. Verne Dwyer
508 West Wall Street, Suite 403
Midland, Texas 79701

Blackstone Energy Company, LLC
1001 Fannin, Suite 2020
Houston, Texas 77002

Attention: Thad Montgomery

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:

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

9590 9402 7635 2122 6455 62

2. Article Addressed to:

7020 0090 0000 0863 0854 (over \$500)

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 B. Received by (Printed Name) Addressee
 C. Date of Delivery

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

3. Service Type
 Adult Signature
 Registered Mail™
 Certified Mail®
 Collect on Delivery
 Restricted Delivery

M. D. Dorada

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 Chevron U.S.A. Inc.
 6301 Deauville Boulevard
 Midland, Texas 79706
 Street and Apt. No. / Restricted Delivery
 City, State, ZIP+4®

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

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 Blackstone Energy Company, LLC
 1001 Fannin, Suite 2020
 Houston, Texas 77002
 Street and Apt. No. / Restricted Delivery
 City, State, ZIP+4®

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

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Blackstone Energy Company, LLC
 1001 Fannin, Suite 2020
 Houston, Texas 77002

9590 9402 7635 2122 6455 86

2. Article Addressed to:

7020 0090 0000 0863 0830 (over \$500)

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

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 B. Received by (Printed Name) Addressee
 C. Date of Delivery

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

3. Service Type
 Adult Signature
 Registered Mail™
 Certified Mail®
 Collect on Delivery / Restricted Delivery

M. D. Dorada

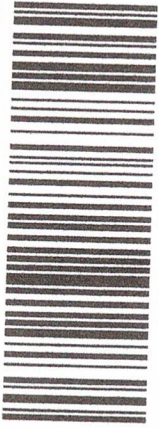
James Bruce
P.O. Box 1056
Santa Fe, New Mexico 87504

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT
OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

CERTIFIED MAIL®

ALBUQUERQUE NM 870

17 AUG 2023 PM 4 L



7020 0090 0000 0863 0847

(Handwritten signature in a circle)

8/20

T. Verne Dwyer
508 West Wall Street, Suite 403
Midland, Texas 79701

899 21

\$8.77

US POSTAGE
FIRST CLASS
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87501
000138635



UIT



7997540230903

7020 0090 0000 0863 0847

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

T. Verne Dwyer
508 West Wall Street, Suite 403
Midland, Texas 79701

City, State, ZIP+4®

Postmark
Here

Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0005805485

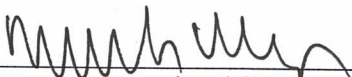
This is not an invoice

JAMES BRUCE ATTORNEY AT LAW
POBOX 1056

SANTA FE, NM 87504

I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof in editions dated as follows:

08/23/2023



Legal Clerk

Subscribed and sworn before me this August 23, 2023:



State of WI, County of Brown
NOTARY PUBLIC



My commission expires

VICKY FELTY
Notary Public
State of Wisconsin

EXHIBIT

6

Ad # 0005805485
PO #: Case No. 23756 & 23757
of Affidavits 1

This is not an invoice

NOTICE

To: Chevron U.S.A. Inc., T. Verne Dwyer, and Blackstone Energy Company, LLC, or your heirs, devisees, successors, or assigns: Mewbourne Oil Company has filed two applications with the New Mexico Oil Conservation Division seeking orders pooling all uncommitted mineral interest owners in the Bone Spring formation underlying the following horizontal spacing units:

Case No. 23756: 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 2 and the N/2S/2 of Section 1, Township 20 South, Range 27 East, NMPM, Eddy County, New Mexico. The unit will be dedicated to the Dama Dorado 2/1 B3L1 Fed. Com. Well No. 1H; and

Case No. 23757: 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 2 and the S/2S/2 of Section 1, Township 20 South, Range 27 East, NMPM, Eddy County, New Mexico. The unit will be dedicated to the Dama Dorado 2/1 B3MP Fed. Com. Well No. 1H.

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. These matters are scheduled for hearing on September 7, 2023 at 8:15 a.m. 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.emnr.d.nm.gov/oed/hearing-info/>, or contact Marlene Salvidrez at Marlene.Salvidrez@emnr.d.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 cd.hearings@emnr.d.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 attorney for applicant, James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, jamesbruc@aol.com. The units are located approximately 7-1/2 miles east-southeast of Lakewood, New Mexico. #5805485, Current Argus, August 23, 2023