

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.

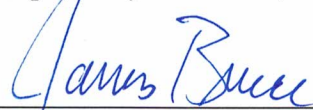
EXHIBIT |

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.

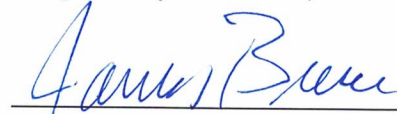
EXHIBIT 2

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.

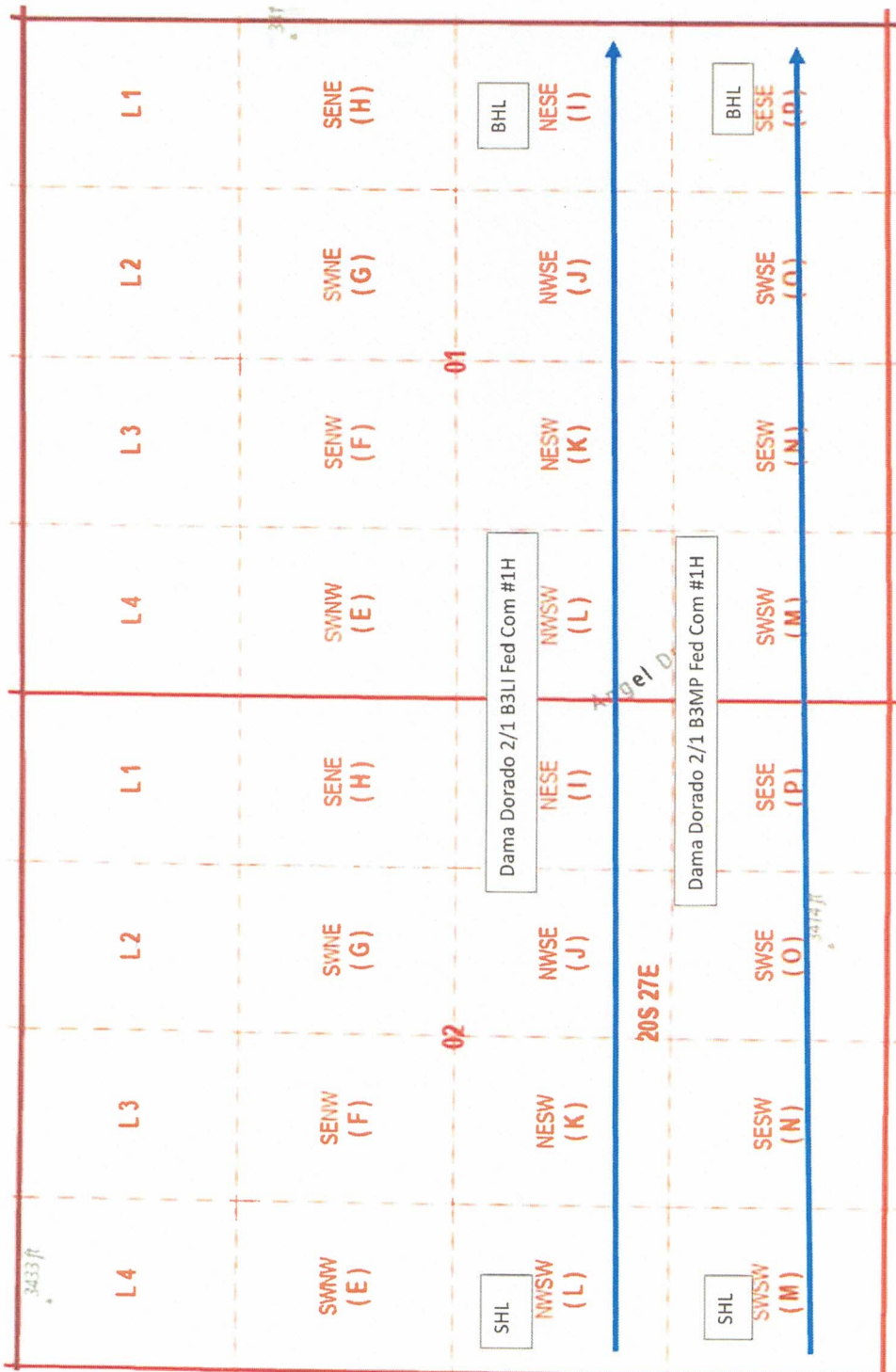
A plat outlining the units being pooled is submitted as Attachment A. Form C-102s for the wells are submitted as part of Attachment A.

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.

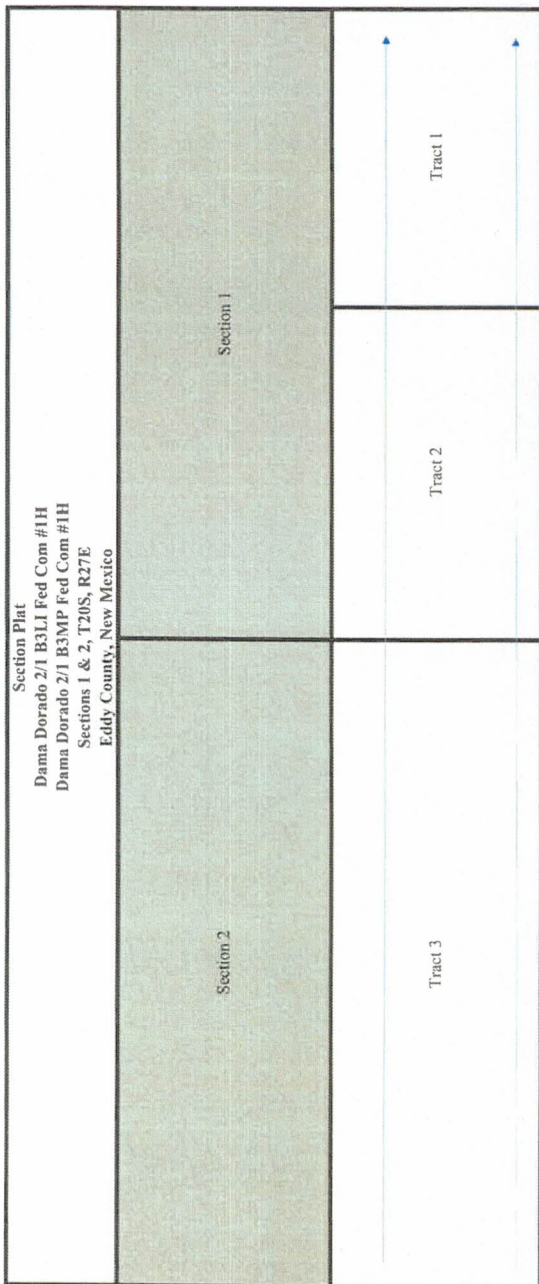
Date: 9/5/2023

Braxton Blandford
Braxton Blandford



ATTACHMENT

A



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.
Jamesco 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%
 25.000000%
 T. Verne Dwyer, Sole and Separate Property u/w/o
 * 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
 Property u/w/o Agnes W. Dwyer,
 Deceased 3.125000%
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 79701TELEPHONE (432) 682-3715
FACSIMILE (432) 685-4170

October 12, 2022

Certified MailChevron 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:

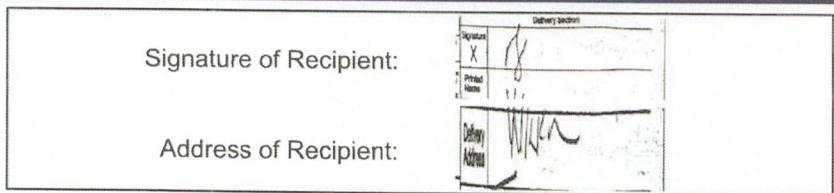
The following is in response to your request for proof of delivery on your item with the tracking number: **9402 8368 9784 6894 5125 91**.

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**

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 Drillout Services				0180-0222	\$240,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$145,000	0180-0225	\$55,000
Logging & Wireline Services		0180-0130	\$2,500	0180-0230	\$364,500
Casing / Tubing / Snubbing Service		0180-0134	\$30,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$35,000		
Stimulation	50 Stg 20.1 MMgal & 20.1 MMlbs			0180-0241	\$2,900,000
Stimulation Rentals & Other				0180-0242	\$320,000
Water & Other		0180-0145	\$35,000	0180-0245	\$408,900
Bits		0180-0148	\$86,000	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$120,000		
Transportation		0180-0165	\$30,000	0180-0265	\$20,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$147,400	0180-0270	\$67,300
Directional Services	Includes vertical control	0180-0175	\$290,500		
Equipment Rental		0180-0180	\$140,200	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,000	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190	\$80,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$88,200	0180-0295	\$37,800
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$129,000	0180-0299	\$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")	8225' - 7" 29# HPP110 BT&C @ \$51.98/ft	0181-0796	\$456,600		
Casing (4.1" - 6.0")	10150' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft			0181-0797	\$318,500
Tubing	7515' - 2 7/8" 6.5# L-80 IPC Tbg @ \$14.80/ft			0181-0798	\$118,800
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools				0181-0871	\$50,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Service Pumps	(1/2) TP/CP/circ. pump			0181-0886	\$16,050
Storage Tanks	(1/2) 6 - 750 bbl/5 - 750 bbl coated/1 - GB			0181-0890	\$211,500
Emissions Control Equipment	(1/2) 3 - VRT/VRU/Flare/3 - KO/AIR			0181-0892	\$156,800
Separation / Treating Equipment	(1/2) 2 - Hz. Sep./Vt. Sep./Hz. HT/Vt. HT			0181-0895	\$111,600
Automation / Metering Equipment	Automation/fiber/meters			0181-0898	\$55,900
Line Pipe & Valves - Gathering	(1/2) Facility Work + GL Injection			0181-0900	\$29,900
Fittings / Valves & Accessories	Flowline/parts			0181-0906	\$176,200
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$70,000
Equipment Installation				0181-0910	\$81,000
Pipeline Construction	Facility gas work & GL injection			0181-0920	\$18,700
TOTAL			\$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.

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: 09/26/2023

Company Approval: _____ Date: _____

Joint Owner Interest: _____ Amount: _____

Joint Owner Name: _____ Signature: _____

ATTACHMENT

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 Drillout Services				0180-0222	\$240,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$145,000	0180-0225	\$55,000
Logging & Wireline Services		0180-0130	\$2,500	0180-0230	\$364,500
Casing / Tubing / Snubbing Service		0180-0134	\$30,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$35,000		
Stimulation	50 Stg 20.1 MMgal & 20.1 MMlbs			0180-0241	\$2,900,000
Stimulation Rentals & Other				0180-0242	\$320,000
Water & Other		0180-0145	\$35,000	0180-0245	\$408,900
Bits		0180-0148	\$86,000	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$50,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$120,000		
Transportation		0180-0165	\$30,000	0180-0265	\$20,000
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$147,400	0180-0270	\$67,300
Directional Services	Includes vertical control	0180-0175	\$290,500		
Equipment Rental		0180-0180	\$140,200	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,000	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190	\$80,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$88,200	0180-0295	\$37,800
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$129,000	0180-0299	\$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	
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Extra Expense Insurance	
<input type="checkbox"/>	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.
<input type="checkbox"/>	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>09/26/2022</u>
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.

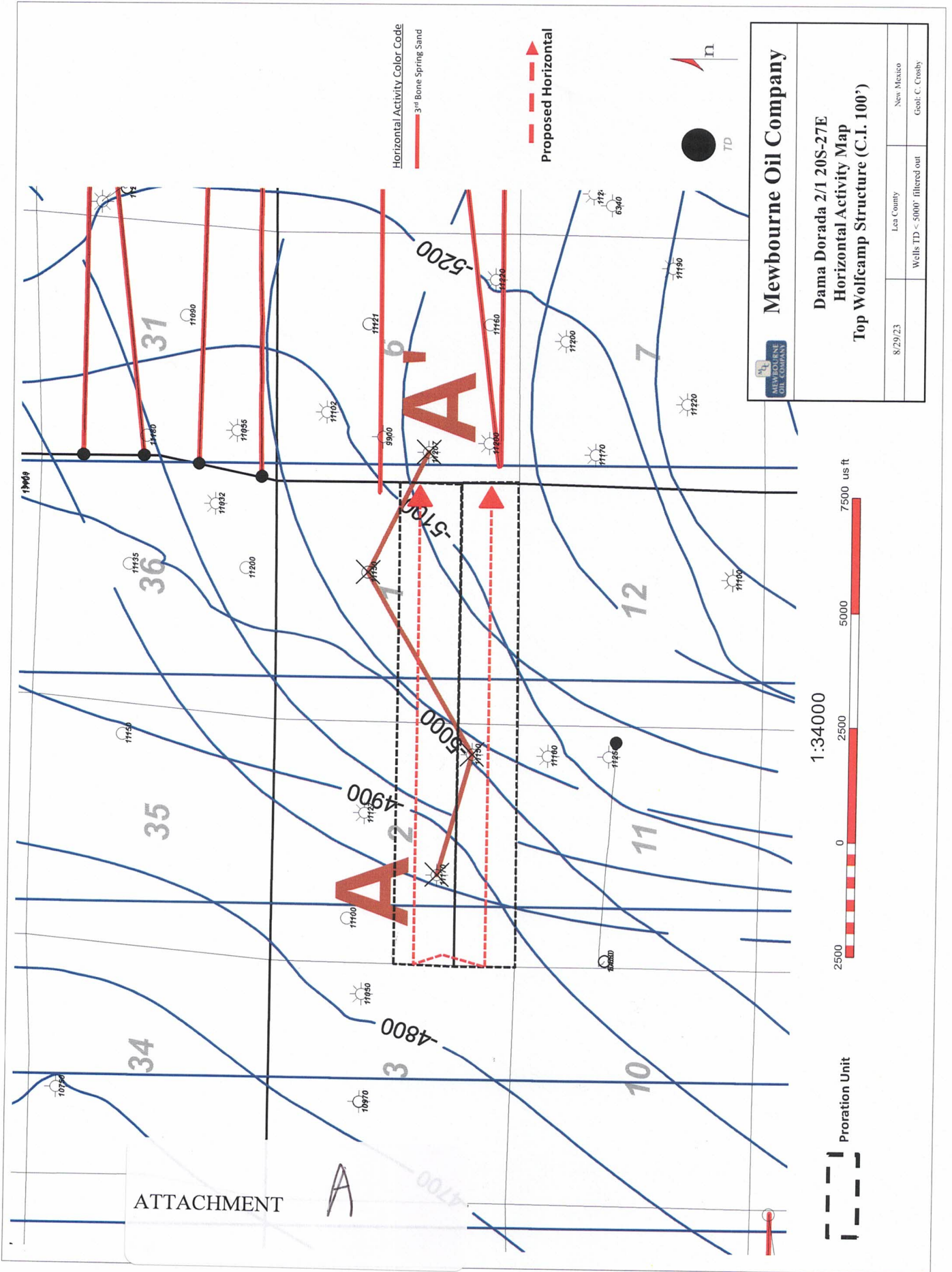
6. Attachment C contains horizontal drilling plans for the proposed wells. The producing intervals of the well will be orthodox.

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



Mewbourne Oil Company

Dama Dorada 2/1 20S-27E
Horizontal Activity Map
Top Wolfcamp Structure (C.I. 100')

8/29/23	Lea County	New Mexico
	Wells TD < 5000' filtered out	Geol. C. Crosby

ATTACHMENT

ATTACHMENT B

A' E

3011524300000
 2542 FT
 DEVON ENERGY PRODUCTION CO LP
 ANGELO DRUM 2 STATE COM 01
 DORA 3397.00
 180 FS, 660 PM
 TWP. 20 S - Range, 27 E - Sec. 6

3011524300000
 4580 FT
 DEVON ENERGY PRODUCTION CO LP
 ANGELO DRUM 2 STATE COM 02
 DORA 3397.00
 180 FS, 660 PM
 TWP. 20 S - Range, 27 E - Sec. 1

3011524300000
 2738 FT
 DEVON ENERGY PRODUCTION CO LP
 ANGELO DRUM 2 STATE COM 01
 DORA 3397.00
 180 FS, 660 PM
 TWP. 20 S - Range, 27 E - Sec. 2

3011524300000
 2738 FT
 DEVON ENERGY PRODUCTION CO LP
 ANGELO DRUM 2 STATE COM 02
 DORA 3397.00
 180 FS, 660 PM
 TWP. 20 S - Range, 27 E - Sec. 2

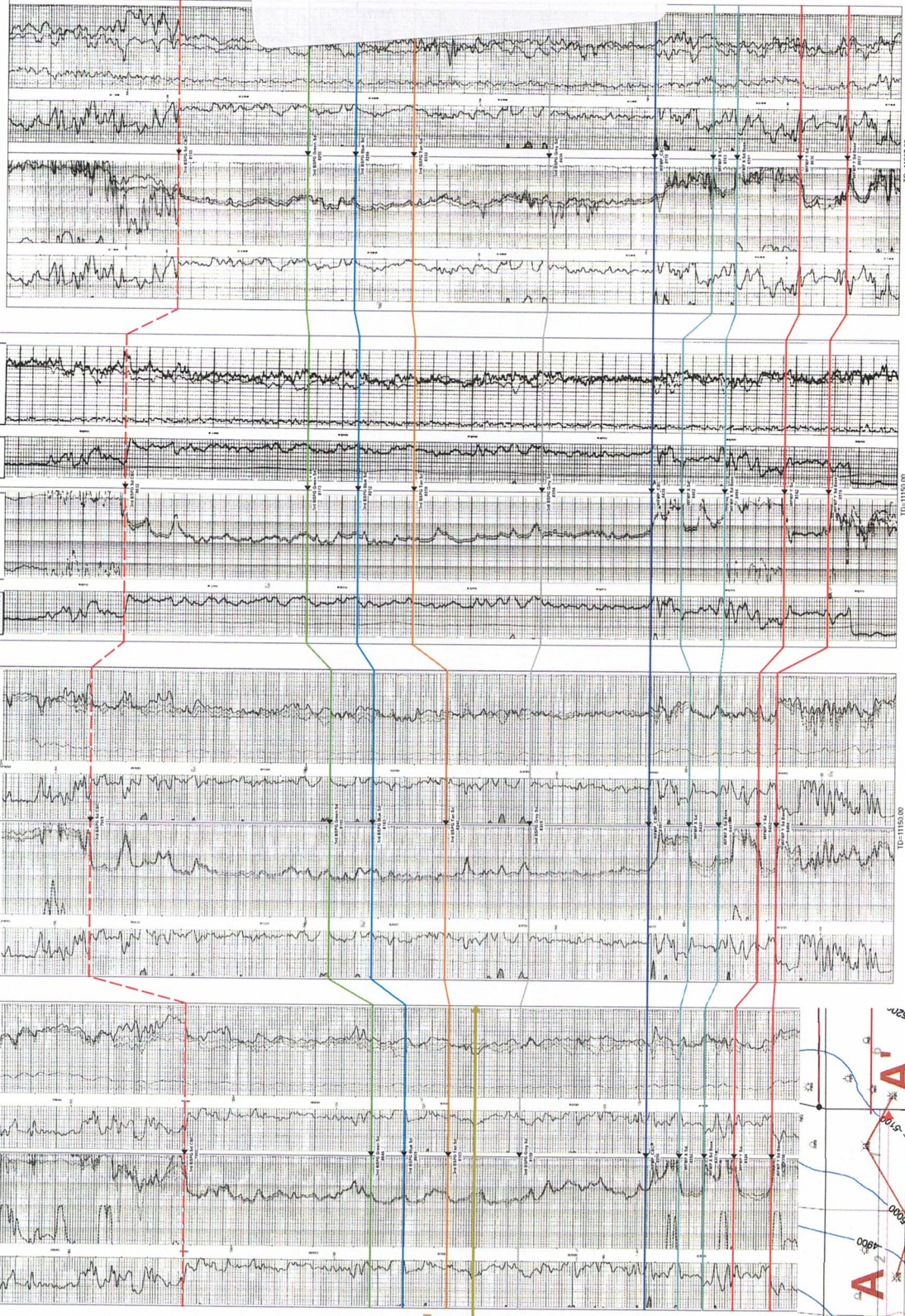
A W

6L

1G

2P

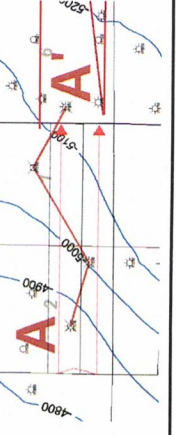
2K



Top 3rd Bone Spring Sand

Dama Dorada 3rd BSPG SD Target

0Top 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	DRIFT (RADIANS)	AZIMUTH (RADIANS)
														Target	Target		
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	1.5		

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		DRIFT (RADIAN)	AZIMUTH (RADIAN)
														-Below Target	Target		
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-1

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 M. Dorada

B. Received by (Printed Name) Addressee
 Marie Dorada 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
 Signature Confirmation™
 Restricted Delivery

Priority Mail Express®
 Registered Mail™
 Restricted Delivery
 Signature Confirmation™
 Restricted Delivery

Domestic Return Receipt

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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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 \$

Postmark Here

Total Postage and Fees \$

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

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

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

0990 0990 0000 0600 0202

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 M. Dorada

B. Received by (Printed Name) Addressee
 A. Bahay 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
 Signature Confirmation™
 Restricted Delivery

Priority Mail Express®
 Registered Mail™
 Restricted Delivery
 Signature Confirmation™
 Restricted Delivery

Domestic Return Receipt

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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 \$

Postmark Here

Total Postage and Fees \$

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

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

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

4590 0990 0000 0600 0202

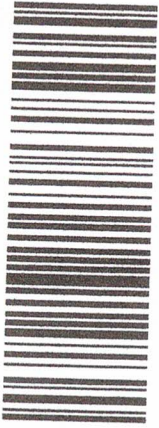
James Bruce
P.O. Box 1056
Santa Fe, New Mexico 87504

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

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US POSTAGE
FIRST CLASS
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87501
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2020 0090 0000 0600 0201

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Certified Mail Fee \$

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

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Postmark Here

Sent To T. Verne Dwyer
Street and Apt. No., or 508 West Wall Street, Suite 403
City, State, ZIP+4® Midland, Texas 79701

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

Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0005805485

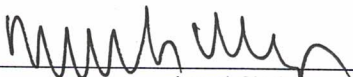
This is not an invoice

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

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

This is not an invoice

EXHIBIT

6

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