

CASE NO. 22841

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

MEWBOURNE OIL COMPANY'S EXHIBIT LIST

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

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 22871

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/2N/2 of Section 25 and the N/2NE/4 of Section 26, Township 18 South, Range 31 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the N/2N/2 of Section 25 and the N/2NE/4 of Section 26, and has the right to drill a well thereon.
2. Applicant proposes to drill the Deep Ellum 25/26 B2AB Fed. Com. Well No. 1H to a depth sufficient to test the Bone Spring formation, and to dedicate the N/2N/2 of Section 25 and the N/2NE/4 of Section 26 to the well. The well has a first take point in the NE/4NE/4 of Section 25 and a last take point in the NW/4NE/4 of Section 26.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the N/2N/2 of Section 25 and the N/2NE/4 of Section 26 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

EXHIBIT (

Spring formation underlying N/2N/2 of Section 25 and the N/2NE/4 of Section 26, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all uncommitted mineral interest owners in the Bone Spring formation underlying the N/2N/2 of Section 25 and the N/2NE/4 of Section 26 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 underlying the N/2N/2 of Section 25 and the N/2NE/4 of Section 26;
- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling, completing, and equipping the well, and allocating the cost among the well's working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, and equipping the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted,



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

Attorney for Mewbourne Oil Company

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

Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation in a horizontal spacing unit comprised of the N/2N/2 of Section 25 and the N/2NE/4 of Section 26, Township 18 South, Range 31 East, NMPM. The unit will be dedicated to the Deep Ellum 25/26 B2AB Fed. Com. Well No. 1H, a horizontal well with a first take point in the NE/4NE/4 of Section 25 and a last take point in the NW/4NE/4 of Section 26. Also to be considered will be the cost of drilling, completing, and equipping the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling, completing, and equipping the well. The unit is located approximately 11-1/2 miles southeast of Loco Hills, 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. 22841

VERIFIED STATEMENT OF MITCH ROBB

Mitch Robb, being duly sworn upon his oath, deposes and states:

1. I am a landman for Mewbourne Oil Company ("Mewbourne"), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.
2. Pursuant to NMAC 19.15.4.12.A(1), the following information is submitted in support of the compulsory pooling application filed herein:
 - (a) The purpose of this application is to force pool working interest owners into the Bone Spring horizontal spacing unit described below, and in wells to be drilled in the unit.
 - (b) No opposition is expected because the interest owners being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests to the well. Some interest owners may be unlocatable.
 - (c) A plat outlining the unit being pooled is attached hereto as Attachment A. Mewbourne seeks an order pooling all mineral interests in the Bone Spring formation underlying the N/2N/2 of Section 25 and the N/2NE/4 of Section 26, Township 18 South, Range 31 East, NMPM. The unit will be dedicated to:
 - (i) the Deep Ellum 25/26 B2AB Fed Com #1H, a horizontal well with a first take point in the NE/4NE/4 of 25 and a final take point in the NW/4NE/4 of Section 26;
 - (d) The parties being pooled and their interests are set forth in Attachment B. Their current and correct addresses, or last known addresses, are also set forth.

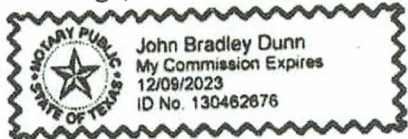
EXHIBIT 2

- (e) In order to locate the interest owners Mewbourne examined the county records, performed internet searches, checked telephone records, made calls to family members, and searched Accurint and Whitepages.
- (f) Attachment C contains a summary of contacts or attempted contacts with the interest owners, together with copies of the proposal letters sent to the interest owners.
- (g) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed wells, or to locate the owners.
- (h) Mewbourne has the right to pool the overriding royalty owners in the well unit.
- (i) 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.
- (j) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (k) Mewbourne requests that it be designated operator of the wells.
- (l) The attachments to this affidavit were prepared by me, or compiled from Company business records.
- (m) The granting of this application is in the interests of conservation and the prevention of waste.

VERIFICATION

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Mitch Robb, being duly sworn upon his oath, deposes and states that: He is a landman for Mewbourne Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

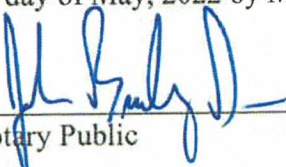




Mitch Robb

SUBSCRIBED AND SWORN TO before me this 27th day of May, 2022 by Mitch Robb.

My Commission Expires: 12/9/2023



Notary Public

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code		³ Pool Name					
⁴ Property Code		⁵ Property Name DEEP ELLUM 25/26 B2AB FED COM						⁶ Well Number 1H	
⁷ GRID NO.		⁸ Operator Name MEWBOURNE OIL COMPANY						⁹ Elevation 3696'	
¹⁰ Surface Location									
UL or lot no. H	Section 25	Township 18S	Range 31E	Lot Idn	Feet from the 1400	North/South line NORTH	Feet From the 205	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. B	Section 26	Township 18S	Range 31E	Lot Idn	Feet from the 450	North/South line NORTH	Feet from the 2512	East/West line EAST	County EDDY
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16

CORNER DATA
NAD 83 GRID - NM EAST

A: FOUND BRASS CAP "1916" N: 622826.4 - E: 690395.5	G: FOUND BRASS CAP "1913" N: 628185.3 - E: 700925.9
B: FOUND BRASS CAP "1916" N: 625465.0 - E: 690379.9	H: FOUND BRASS CAP "1913" N: 625544.7 - E: 700942.5
C: FOUND BRASS CAP "1916" N: 628104.7 - E: 690363.7	I: FOUND BRASS CAP "1913" N: 622903.4 - E: 700957.5
D: FOUND BRASS CAP "1916" N: 628123.9 - E: 693004.2	J: FOUND BRASS CAP "1916" N: 622883.6 - E: 698318.7
E: FOUND BRASS CAP "1916" N: 628146.0 - E: 695610.0	K: FOUND BRASS CAP "1916" N: 622861.7 - E: 695676.8
F: FOUND BRASS CAP "1916" N: 628164.3 - E: 698284.7	L: FOUND BRASS CAP "1916" N: 622844.1 - E: 693040.0
	M: FOUND BRASS CAP "1916" N: 625502.9 - E: 695660.5

GEODETIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)
N: 626784.0 - E: 700729.7

LAT: 32.7219978° N
LONG: 103.8150455° W

BOTTOM HOLE (BH)
N: 627674.8 - E: 693107.2

LAT: 32.7245463° N
LONG: 103.8398169° W

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

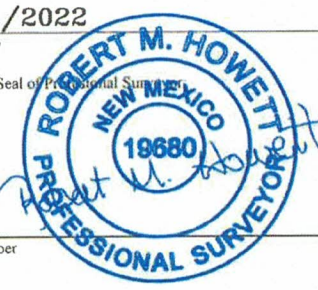
Printed Name _____

E-mail Address _____

18 SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey **02/13/2022**

Signature and Seal of Professional Surveyor

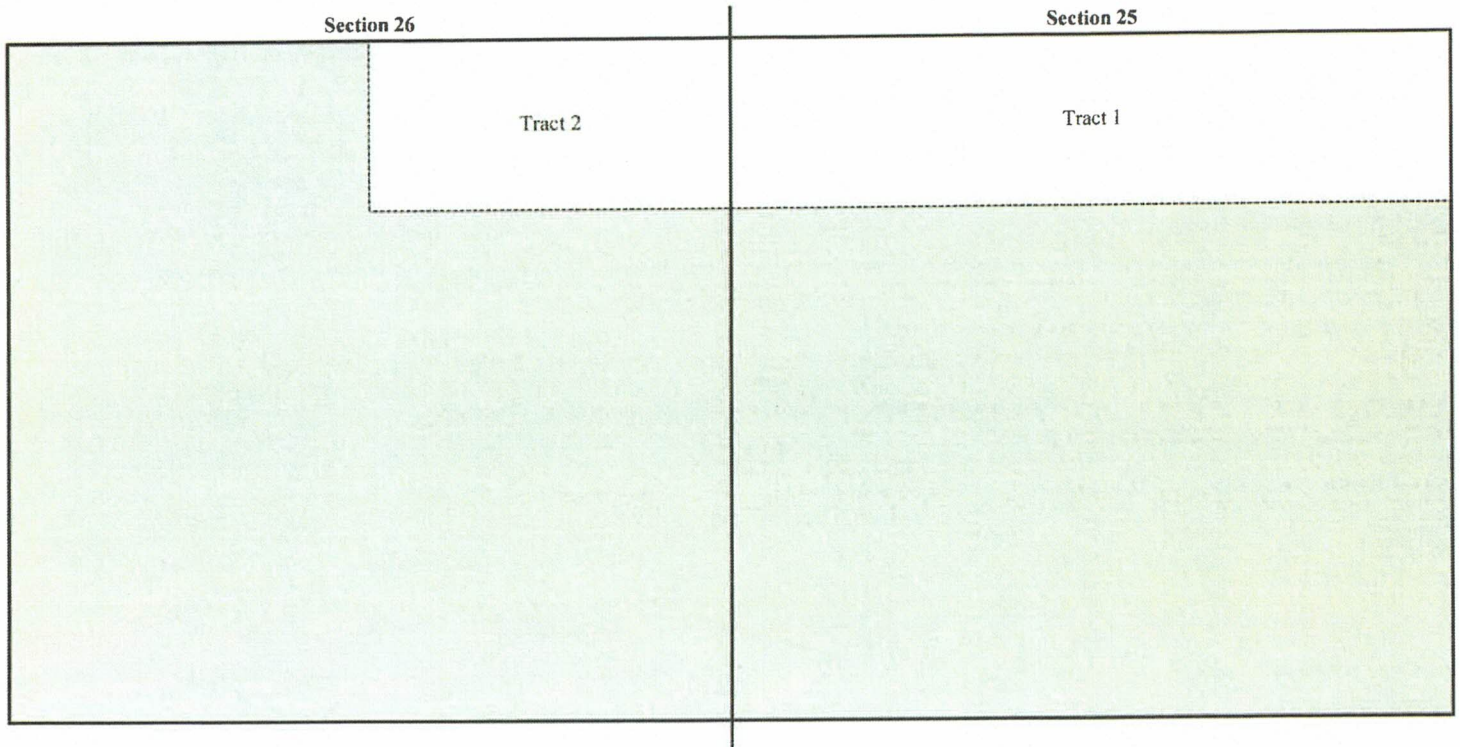


9680
tificate Number

ATTACHMENT **A**

Job No: LS22020125

Section Plat
Deep Ellum 25/26 B2AB Fed Com #1H
N/2N/2 of Section 25 & N/2NE/4 of Section 26-T18S-R31E
Eddy County, NM



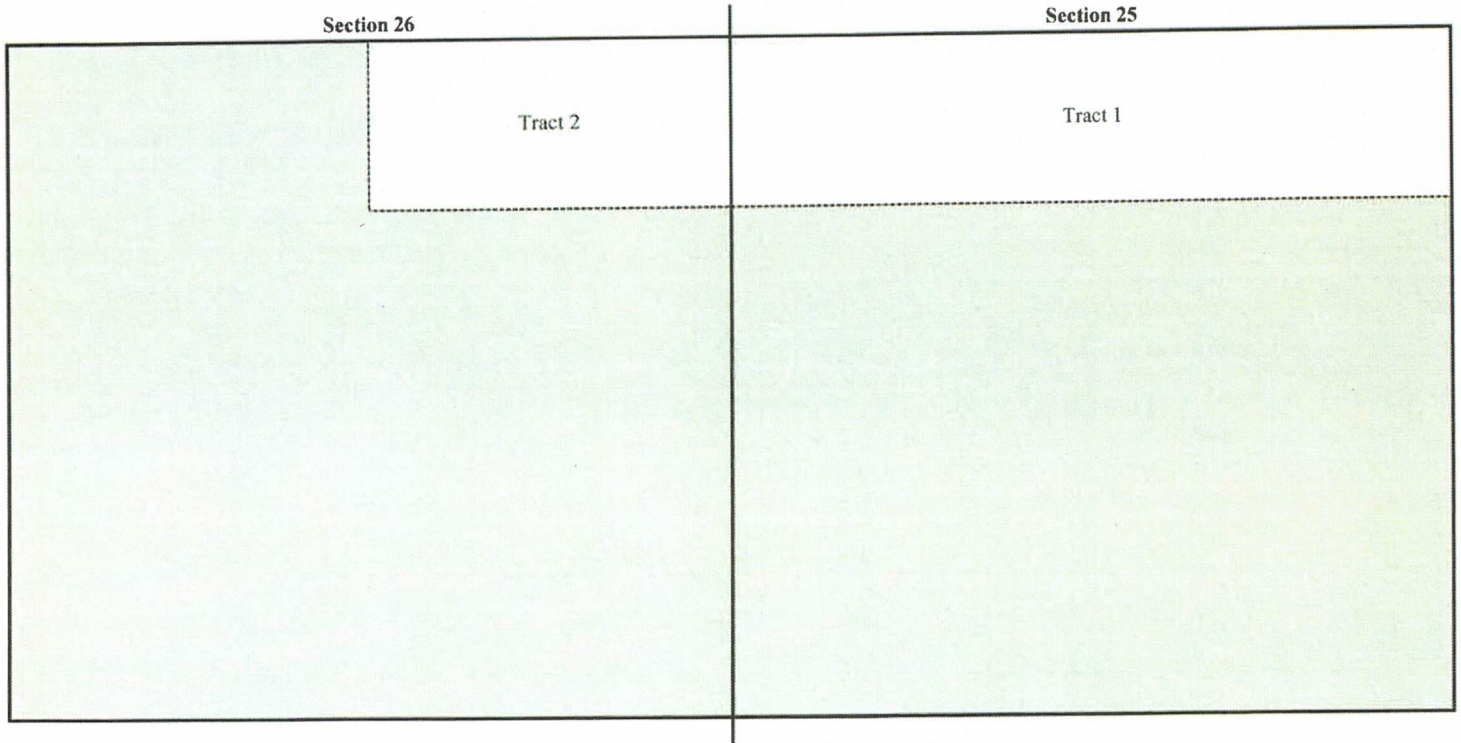
Tract 1: N/2N/2 of Section 25 - Federal Lease NMLC 065680
Mewbourne Oil Company

Tract 2: N/2NE/4 of Section 26 - Federal Lease NMLC 029392-B
Chevron USA, Inc.

RECAPITULATION FOR Deep Ellum 25/26 B2AB Fed Com #1H

Tract Number	Number of Acres Committeed	Percentage of Interst in Communitized Area
1	160	66.666667%
2	80	33.333333%
TOTAL	240	100.000000%

T18S-R31E, Eddy County, NM



TRACT OWNERSHIP
 Deep Ellum 25/26 B2AB Fed Com #1H
 N/2N/2 of Section 25 & N/2NE/4 of Section 26-T18S-R31E
 Eddy County, NM

N/2N/2 of Section 25 & N/2NE/4 of Section 26

Bone Spring Formation:

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	66.666667%
*Chevron USA, Inc. 6301 Deauville Blvd Midland, TX 79706	33.333333%
TOTAL	100.000000%

Total Interest Being Pooled: 33.333333%

OWNERSHIP BY TRACT

N/2N/2 of Section 25

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

N/2NE/4 of Section 26

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

ATTACHMENT **B**

Summary of Communications
Deep Ellum 25/26 B2AB Fed Com #1H
N/2N/2 of Section 25 & N/2NE/4 of Section 26
T18S-R31E, Eddy County, NM

Chevron USA, Inc.:

- 2/17/2022: Mailed Working Interest Unit and Well Proposal to the above listed party.
- 2/17/2022: Emailed Working Interest Unit and Well Proposal to the above listed party.
- 2/17/2022: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.
- 4/22/2022: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.
- 5/25/2022: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.
- 5/26/2021: Correspondence with above listed party regarding Working Interest Unit and Well Proposal.

ATTACHMENT C

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

February 17, 2022

Via Certified Mail

Chevron USA, Inc.
6301 Deauville Blvd
Midland, TX 79706
Attn: Bennett Massie

Re: Deep Ellum 25/26 B2AB Fed Com #1H
1400' FNL & 205' FEL (SL) (Section 25)
450' FNL & 2540' FEL (BHL) (Section 26)

Deep Ellum 25/26 B2HG Fed Com #1H
1460' FNL & 205' FEL (SL) (Section 25)
1900' FNL & 2540' FEL (BHL) (Section 26)

Sections 25 & 26, T18S, R31E
Eddy County, New Mexico

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 960.00 acre Working Interest Unit ("WIU") covering the E/2 of the captioned Section 26 and All of the captioned Section 25 for oil and gas production.

Mewbourne as Operator hereby proposes to drill the captioned Deep Ellum 25/26 B2AB Fed Com #1H at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,929 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,504 feet. The N/2NE/4 of the captioned Section 26 and the N/2N/2 of the captioned Section 25 will be dedicated to the well as the proration unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Deep Ellum 25/26 B2HG Fed Com #1H at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 8,940 feet subsurface to evaluate the Bone Spring Formation. The proposed well will have a measured depth (MD) of approximately 16,476 feet. The S/2NE/4 of the captioned Section 26 and the S/2N/2 of the captioned Section 25 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling our AFEs dated January 11, 2022 for the captioned proposed wells. Please sign and return said AFEs at your earliest convenience if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

Should you elect to participate, I will send a copy of our Joint Operating Agreement ("JOA") under a separate cover letter. Our proposed Operating Agreement will have COPAS rates of \$8,000/month while drilling, \$800/month for a producing well.

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

Sincerely,

MEWBOURNE OIL COMPANY



Mitch Robb
Landman

MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: DEEP ELLUM 25-26 B2AB FED COM #1H		Prospect: 2BSS (1.5 Mile Lateral)	
Location: SL: 1400 FNL & 205 FEL (25); BHL: 450 FNL & 2540 FEL (26)		County: Eddy	ST: NM
Sec. 25/26	Blk: 	Survey: 	TWP: 18S RNG: 31E Prop. TVD: 8929 TMD: 16504

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$42,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$15,000
Daywork / Turnkey / Footage Drilling	22 days drlg / 3 days comp @ \$20500/d	0180-0110	\$481,700	0180-0210	\$65,700
Fuel	1700 gal/day @ \$3.15/gal	0180-0114	\$125,800	0180-0214	\$277,200
Alternate Fuels		0180-0115		0180-0215	
Mud, Chemical & Additives		0180-0120	\$60,000	0180-0220	
Mud - Specialized		0180-0121	\$120,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$150,000
Stimulation Toe Preparation				0180-0223	\$25,000
Cementing		0180-0125	\$110,000	0180-0225	\$35,000
Logging & Wireline Services		0180-0130	\$33,500	0180-0230	\$278,500
Casing / Tubing / Snubbing Services		0180-0134	\$25,000	0180-0234	\$18,000
Mud Logging		0180-0137	\$15,000		
Stimulation	37 Stg 14.9 MM gal / 14.9 MM lb			0180-0241	\$1,537,600
Stimulation Rentals & Other				0180-0242	\$189,000
Water & Other		0180-0145	\$40,000	0180-0245	\$245,200
Bits		0180-0148	\$94,000	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	\$141,300	0180-0270	\$51,100
Directional Services	Includes Vertical Control	0180-0175	\$255,000		
Equipment Rental		0180-0180	\$138,800	0180-0280	\$15,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$4,200	0180-0285	
Intangible Supplies		0180-0188	\$7,000	0180-0288	\$1,000
Damages		0180-0190	\$5,000	0180-0290	\$10,000
Pipeline Interconnect, ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$101,200	0180-0295	\$32,400
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	10% (TCP) 10% (CC)	0180-0199	\$225,050	0180-0299	\$309,520
TOTAL			\$2,475,550		\$3,404,720

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	1050' - 13 3/8" 54.5# J-55 ST&C @ \$58.73/ft	0181-0794	\$65,900		
Casing (8.1" - 10.0")	2600' - 9 5/8" 40# HCL80 LT&C @ \$49.46/ft	0181-0795	\$137,300		
Casing (6.1" - 8.0")	9280' - 7" 29# HPP110 BT&C @ \$36.92/ft	0181-0796	\$365,900		
Casing (4.1" - 6.0")	8615' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$20.31/ft			0181-0797	\$186,900
Tubing	8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$12.50/ft			0181-0798	\$107,100
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools	Completion Liner Hanger			0181-0871	\$70,000
Subsurface Equip. & Artificial Lift				0181-0880	\$20,000
Pumping Unit Systems				0181-0885	
Service Pumps	(1/4) TP/CP/Circ pump			0181-0886	\$8,000
Storage Tanks	(1/4) 6 OT/5 WT/GB			0181-0890	\$75,000
Emissions Control Equipment	(1/4) VRT's/VRU/Flare/KO's			0181-0892	\$80,000
Separation / Treating Equipment	(1/4) H sep/V sep/HT			0181-0895	\$85,000
Automation Metering Equipment				0181-0898	\$45,000
Line Pipe & Valves - Gathering	(1/4) 1 mile gas & water			0181-0900	\$24,000
Fittings / Valves & Accessories				0181-0906	\$140,000
Cathodic Protection				0181-0908	\$7,500
Electrical Installation				0181-0909	\$108,000
Equipment Installation				0181-0910	\$105,000
Pipeline Construction	(1/4) 1 mile gas & water			0181-0920	\$47,500
TOTAL			\$604,100		\$1,139,000
SUBTOTAL			\$3,079,650		\$4,543,720
TOTAL WELL COST			\$7,623,370		

Extra Expense Insurance

I elect to be covered by Operator's Extra Expense insurance and pay my proportionate share of the premium.
Operator has secured Extra Expense insurance covering costs of well control, clean up and redrilling as estimated in Line Item 0180-0185.

I elect to purchase my own well control insurance policy.

If neither box is checked above, non-operating working interest owner elects to be covered by Operator's well control insurance.

Prepared by: <u>Gavin Edington</u>	Date: <u>1/11/2022</u>
Company Approval: _____	Date: _____
Joint Owner Interest: _____ Amount: _____	Signature: _____

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

5. Attachment D contains production information from other Second Bone Spring Sand wells drilled in this area. They all have laydown well units. Production is limited but in my opinion, laydown well units seem appropriate.

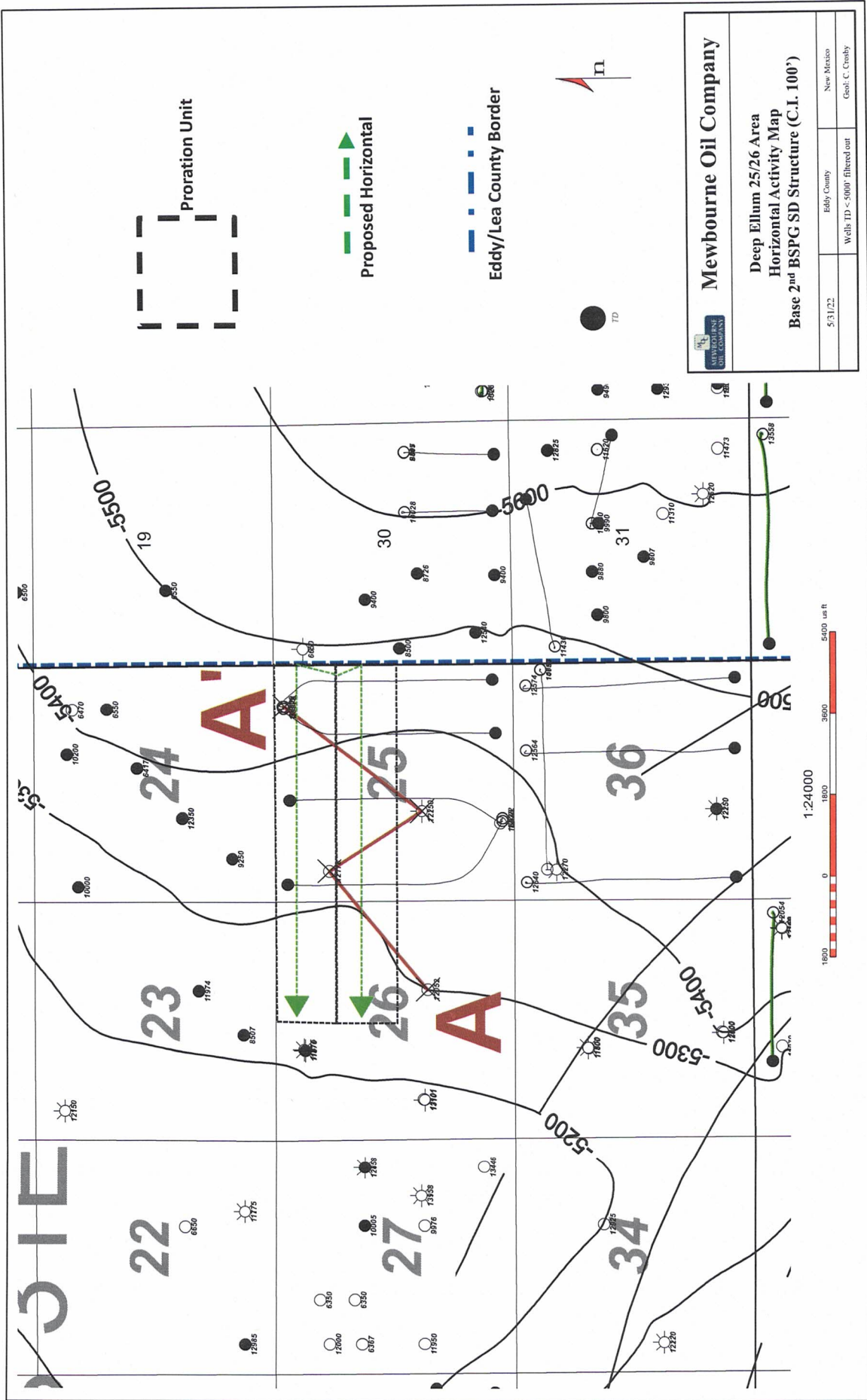
6. Attachment E contains the Survey Calculation Reports for the proposed wells. The producing intervals of the wells will be orthodox.

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

Date: 5/31/22



Charles Crosby

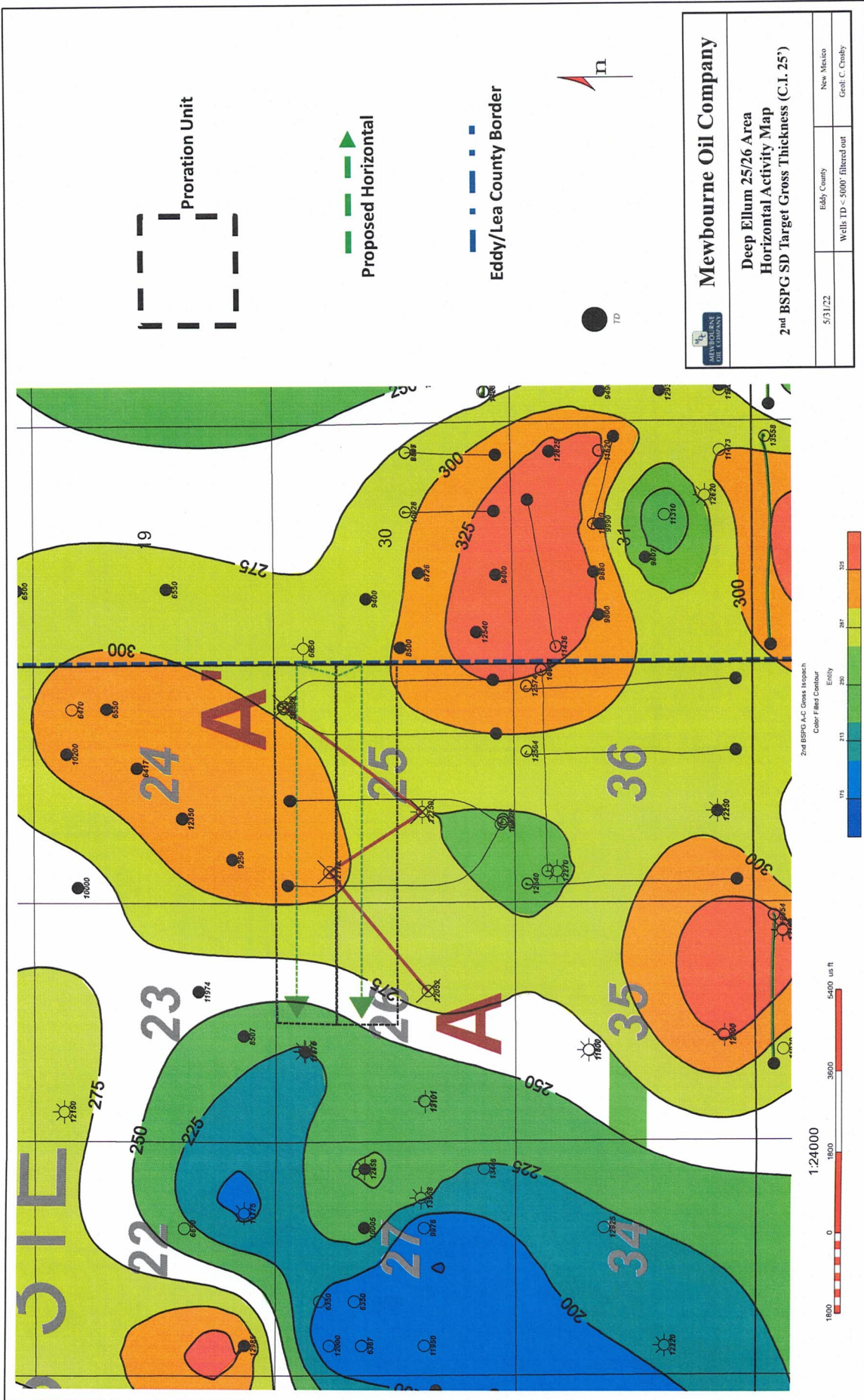


Mewbourne Oil Company

Deep Ellum 25/26 Area
Horizontal Activity Map
Base 2nd BSPG SD Structure (C.I. 100')

531722	Eddy County	New Mexico
Wells TD < 5000' - filtered out		Geol: C. Crosby

ATTACHMENT A



ATTACHMENT B

A
W

3001556670000
CONTINENTAL OIL CO
GREENWOOD UNIT 6
Datum=3688.00
1883 FSL/1880 FEL
TWP: 18 S - Range: 31 E - Sec. 26

30015317580000
DEVON ENERGY PRODUCTION CO LP
SHUGART 25 FEDERAL COM 2
Datum=3683.00
52 NW NW
TWP: 18 S - Range: 31 E - Sec. 25

30015314540000
DEVON OFS OPER INC
SHUGART 25 FEDERAL 1
Datum=3688.00
1883 FSL/1880 FEL
TWP: 18 S - Range: 31 E - Sec. 25

30015383140000
DEVON ENERGY PROD
SERENE SISTERS 25 1H
Datum=3728.00
254 FSL/303 FEL
TWP: 18 S - Range: 31 E - Sec. 25

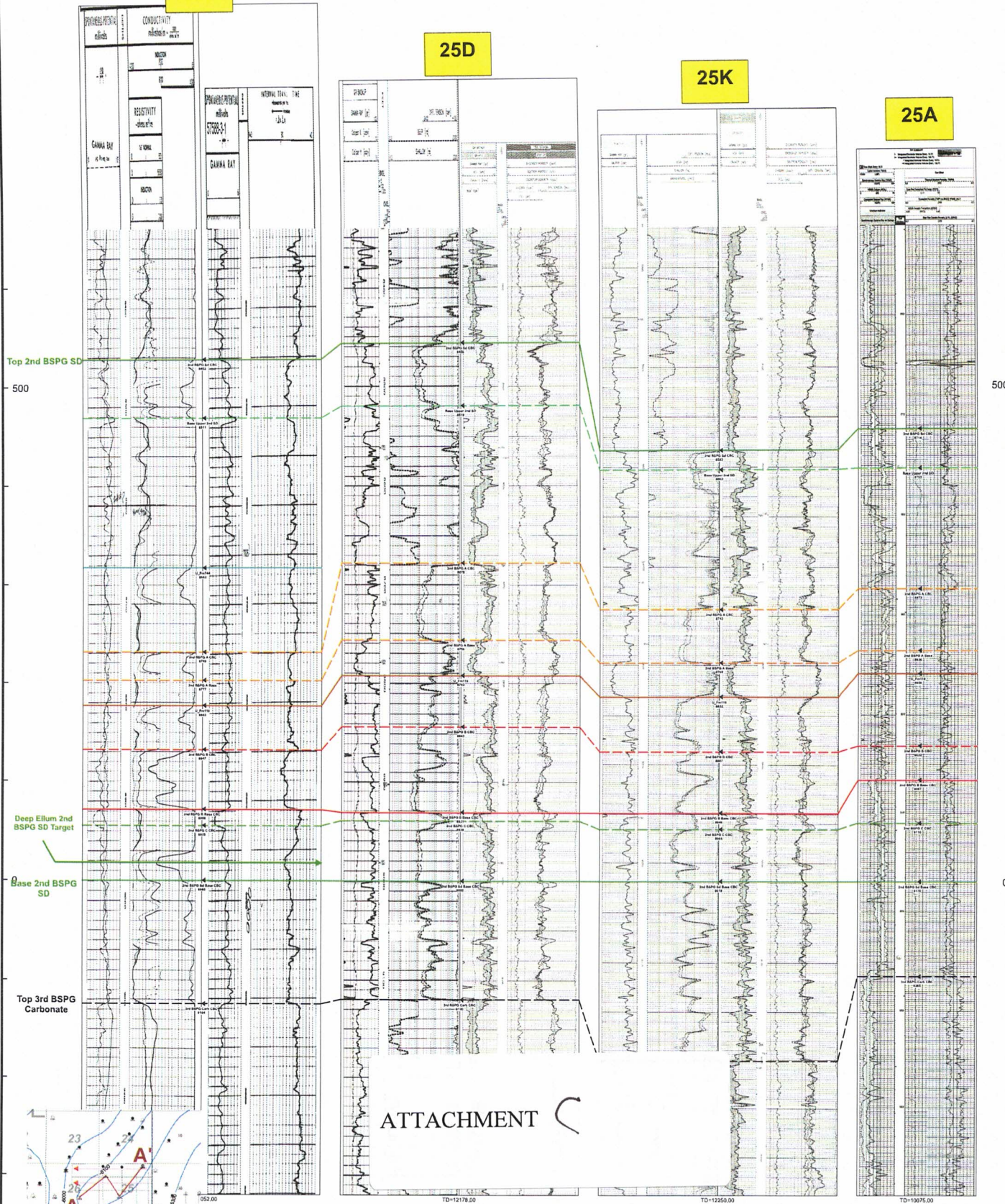
A
E

26J

25D

25K

25A



ATTACHMENT C

Deep Ellum 25/26 2nd BSPG SD Cross Section Exhibit (A-A')

Deep Ellum Area 2nd BSPG SD Production Table

Well Name	Operator	API	Location	Completion Date	Cum Oil (Mbo)	Cum Gas (Bcf)	Cum Water (Mbw)	NS/EW	Production Zone
Corsair State 2H	COG	30015380620000	2A/19S/31E	2/24/2011	60.1	0.07	120.9	EW	2nd Bone Spring Sand
Patterson B 52 Federal Com 2H	COG	30025407730000	5A/19S/32E	2/15/2013	138.1	0.19	100.6	EW	2nd Bone Spring Sand
Haas 6 Federal Com 1H	COG	30025410970000	6A/19S/32E	2/3/2014	166.5	0.24	217.6	EW	2nd Bone Spring Sand

ATTACHMENT *P*

ATTACHMENT E

Mewbourne Oil Company

SURVEY CALCULATION REPORT Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Deep Ellum 25/26 B2AB Fed Com 1H
KOP 8550.04
SL: 1400 FNL & 205 FEL; Sec 25H/18S/31E
PBHL: 450 FNL & 2540 FEL; Sec 26B/18S/31E

Target KBTVD: 9,123 Feet 9123.00
Target Angle: 91.58 Degrees 91.58
Section Plane: 276.97 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below Target	DRIFT (RADIANS)	AZIMUTH (RADIANS)
T/I	8550.04	0.00	276.97	N/A	8550.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8550.0	573.0	1E-12	4.83 #VALUE!
1	8641.62	9.16	276.97	91.58	8641.2	7.3	0.9	-7.2	7.3	277.0	10.0	10.0	8641.4	481.6	0.159838	4.83 0.159838
2	8733.20	18.32	276.97	91.58	8730.1	29.0	3.5	-28.8	29.0	277.0	10.0	10.0	8730.9	392.1	0.319676	4.83 0.159838
3	8824.78	27.47	276.97	91.58	8814.4	64.6	7.8	-64.1	64.6	277.0	10.0	10.0	8816.2	306.8	0.479514	4.83 0.159838
4	8916.36	36.63	276.97	91.58	8891.9	113.2	13.7	-112.3	113.2	277.0	10.0	10.0	8895.0	228.0	0.639352	4.83 0.159838
5	9007.94	45.79	276.97	91.58	8960.7	173.4	21.0	-172.2	173.4	277.0	10.0	10.0	8965.5	157.5	0.799191	4.83 0.159838
6	9099.53	54.95	276.97	91.58	9019.1	243.9	29.6	-242.1	243.9	277.0	10.0	10.0	9025.8	97.2	0.959029	4.83 0.159838
7	9191.11	64.11	276.97	91.58	9065.5	322.7	39.1	-320.4	322.7	277.0	10.0	10.0	9074.4	48.6	1.118867	4.83 0.159838
8	9282.69	73.26	276.97	91.58	9098.7	408.0	49.5	-405.0	408.0	277.0	10.0	10.0	9110.0	13.0	1.278705	4.83 0.159838
9	9374.27	82.42	276.97	91.58	9118.0	497.4	60.3	-493.7	497.4	277.0	10.0	10.0	9131.7	-8.7	1.438543	4.83 0.159838
10	9465.85	91.58	276.97	91.58	9122.8	588.8	71.4	-584.4	588.8	277.0	10.0	10.0	9139.0	-16.0	1.598381	4.83 0.159838
11	9500.00	91.58	276.97	34.153	9121.8	622.9	75.5	-618.3	622.9	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
12	9600.00	91.58	276.97	100	9119.1	722.9	87.7	-717.5	722.9	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
13	9700.00	91.58	276.97	100	9116.3	822.8	99.8	-816.8	822.8	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
14	9800.00	91.58	276.97	100	9113.6	922.8	111.9	-916.0	922.8	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
15	9900.00	91.58	276.97	100	9110.8	1022.7	124.0	-1015.2	1022.7	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
16	10000.00	91.58	276.97	100	9108.0	1122.7	136.2	-1114.4	1122.7	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
17	10100.00	91.58	276.97	100	9105.3	1222.7	148.3	-1213.6	1222.7	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
18	10200.00	91.58	276.97	100	9102.5	1322.6	160.4	-1312.9	1322.6	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
19	10300.00	91.58	276.97	100	9099.8	1422.6	172.5	-1412.1	1422.6	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
20	10400.00	91.58	276.97	100	9097.0	1522.6	184.7	-1511.3	1522.6	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
21	10500.00	91.58	276.97	100	9094.3	1622.5	196.8	-1610.5	1622.5	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
22	10600.00	91.58	276.97	100	9091.5	1722.5	208.9	-1709.8	1722.5	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
23	10700.00	91.58	276.97	100	9088.7	1822.4	221.0	-1809.0	1822.4	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
24	10800.00	91.58	276.97	100	9086.0	1922.4	233.2	-1908.2	1922.4	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
25	10900.00	91.58	276.97	100	9083.2	2022.4	245.3	-2007.4	2022.4	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
26	11000.00	91.58	276.97	100	9080.5	2122.3	257.4	-2106.7	2122.3	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
27	11100.00	91.58	276.97	100	9077.7	2222.3	269.5	-2205.9	2222.3	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
28	11200.00	91.58	276.97	100	9075.0	2322.3	281.7	-2305.1	2322.3	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
29	11300.00	91.58	276.97	100	9072.2	2422.2	293.8	-2404.3	2422.2	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
30	11400.00	91.58	276.97	100	9069.4	2522.2	305.9	-2503.6	2522.2	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
31	11500.00	91.58	276.97	100	9066.7	2622.1	318.0	-2602.8	2622.1	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
32	11600.00	91.58	276.97	100	9063.9	2722.1	330.2	-2702.0	2722.1	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
33	11700.00	91.58	276.97	100	9061.2	2822.1	342.3	-2801.2	2822.1	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
34	11800.00	91.58	276.97	100	9058.4	2922.0	354.4	-2900.5	2922.0	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
35	11900.00	91.58	276.97	100	9055.6	3022.0	366.5	-2999.7	3022.0	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
36	12000.00	91.58	276.97	100	9052.9	3121.9	378.6	-3098.9	3121.9	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
37	12100.00	91.58	276.97	100	9050.1	3221.9	390.8	-3198.1	3221.9	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
38	12200.00	91.58	276.97	100	9047.4	3321.9	402.9	-3297.4	3321.9	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
39	12300.00	91.58	276.97	100	9044.6	3421.8	415.0	-3396.6	3421.8	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
40	12400.00	91.58	276.97	100	9041.9	3521.8	427.1	-3495.8	3521.8	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
41	12500.00	91.58	276.97	100	9039.1	3621.8	439.3	-3595.0	3621.8	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
42	12600.00	91.58	276.97	100	9036.3	3721.7	451.4	-3694.2	3721.7	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
43	12700.00	91.58	276.97	100	9033.6	3821.7	463.5	-3793.5	3821.7	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
44	12800.00	91.58	276.97	100	9030.8	3921.6	475.6	-3892.7	3921.6	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
45	12900.00	91.58	276.97	100	9028.1	4021.6	487.8	-3991.9	4021.6	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
46	13000.00	91.58	276.97	100	9025.3	4121.6	499.9	-4091.1	4121.6	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
47	13100.00	91.58	276.97	100	9022.5	4221.5	512.0	-4190.4	4221.5	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
48	13200.00	91.58	276.97	100	9019.8	4321.5	524.1	-4289.6	4321.5	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
49	13300.00	91.58	276.97	100	9017.0	4421.5	536.3	-4388.8	4421.5	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
50	13400.00	91.58	276.97	100	9014.3	4521.4	548.4	-4488.0	4521.4	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
51	13500.00	91.58	276.97	100	9011.5	4621.4	560.5	-4587.3	4621.4	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
52	13600.00	91.58	276.97	100	9008.8	4721.3	572.6	-4686.5	4721.3	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
53	13700.00	91.58	276.97	100	9006.0	4821.3	584.8	-4785.7	4821.3	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
54	13800.00	91.58	276.97	100	9003.2	4921.3	596.9	-4884.9	4921.3	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
55	13900.00	91.58	276.97	100	9000.5	5021.2	609.0	-4984.2	5021.2	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10
56	14000.00	91.58	276.97	100	8997.7	5121.2	621.1	-5083.4	5121.2	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83 1E-10

57	14100.00	91.58	276.97	100	8995.0	5221.2	633.3	-5182.6	5221.2	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
58	14200.00	91.58	276.97	100	8992.2	5321.1	645.4	-5281.8	5321.1	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
59	14300.00	91.58	276.97	100	8989.4	5421.1	657.5	-5381.1	5421.1	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
60	14400.00	91.58	276.97	100	8986.7	5521.0	669.6	-5480.3	5521.0	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
61	14500.00	91.58	276.97	100	8983.9	5621.0	681.7	-5579.5	5621.0	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
62	14600.00	91.58	276.97	100	8981.2	5721.0	693.9	-5678.7	5721.0	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
63	14700.00	91.58	276.97	100	8978.4	5820.9	706.0	-5778.0	5820.9	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
64	14800.00	91.58	276.97	100	8975.7	5920.9	718.1	-5877.2	5920.9	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
65	14900.00	91.58	276.97	100	8972.9	6020.8	730.2	-5976.4	6020.8	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
66	15000.00	91.58	276.97	100	8970.1	6120.8	742.4	-6075.6	6120.8	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
67	15100.00	91.58	276.97	100	8967.4	6220.8	754.5	-6174.8	6220.8	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
68	15200.00	91.58	276.97	100	8964.6	6320.7	766.6	-6274.1	6320.7	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
69	15300.00	91.58	276.97	100	8961.9	6420.7	778.7	-6373.3	6420.7	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
70	15400.00	91.58	276.97	100	8959.1	6520.7	790.9	-6472.5	6520.7	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
71	15500.00	91.58	276.97	100	8956.4	6620.6	803.0	-6571.7	6620.6	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
72	15600.00	91.58	276.97	100	8953.6	6720.6	815.1	-6671.0	6720.6	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
73	15700.00	91.58	276.97	100	8950.8	6820.5	827.2	-6770.2	6820.5	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
74	15800.00	91.58	276.97	100	8948.1	6920.5	839.4	-6869.4	6920.5	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
75	15900.00	91.58	276.97	100	8945.3	7020.5	851.5	-6968.6	7020.5	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
76	16000.00	91.58	276.97	100	8942.6	7120.4	863.6	-7067.9	7120.4	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
77	16100.00	91.58	276.97	100	8939.8	7220.4	875.7	-7167.1	7220.4	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
78	16200.00	91.58	276.97	100	8937.0	7320.4	887.9	-7266.3	7320.4	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
79	16300.00	91.58	276.97	100	8934.3	7420.3	900.0	-7365.5	7420.3	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
80	16400.00	91.58	276.97	100	8931.5	7520.3	912.1	-7464.8	7520.3	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
81	16500.00	91.58	276.97	100	8928.8	7620.2	924.2	-7564.0	7620.2	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
82	16553.60	91.58	276.97	53.597	8927.3	7673.8	930.7	-7617.2	7673.8	277.0	0.0	0.0	9139.0	-16.0	1.598381	4.83	1E-10
83	16553.60	91.58	276.97	0	8927.3	7673.8	930.7	-7617.2	7673.8	277.0	#####	#####	9139.0	-16.0	1.598381	4.83	1E-10

Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

Operator: Mewbourne Oil Company
Lease Name: Deep Ellum 25/26 B2HG Fed Com 1H
KOP 8516.04
SL: 1460 FNL & 205 FEL; Sec 25H/18S/31E
PBHL: 1900 FNL & 2540 FEL; Sec 26G/18S/31E

Target KBTVD: 9,089 Feet 9089.00
Target Angle: 91.24 Degrees 91.24
Section Plane: 266.55 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	8516.04	0.00	266.55	N/A	8516.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	8516.0	573.0	1E-12	4.65	#VALUE!
1	8607.28	9.12	266.55	91.242	8606.9	7.2	-0.4	-7.2	7.2	266.6	10.0	10.0	8607.1	481.9	0.15925	4.65	0.159248
2	8698.53	18.25	266.55	91.242	8695.5	28.8	-1.7	-28.8	28.8	266.6	10.0	10.0	8696.1	392.9	0.3185	4.65	0.159248
3	8789.77	27.37	266.55	91.242	8779.5	64.2	-3.9	-64.0	64.2	266.6	10.0	10.0	8780.9	308.1	0.47774	4.65	0.159248
4	8881.01	36.50	266.55	91.242	8856.8	112.4	-6.8	-112.2	112.4	266.6	10.0	10.0	8859.3	229.7	0.63699	4.65	0.159248
5	8972.25	45.62	266.55	91.242	8925.6	172.2	-10.4	-171.9	172.2	266.6	10.0	10.0	8929.3	159.7	0.79624	4.65	0.159248
6	9063.50	54.75	266.55	91.242	8983.9	242.2	-14.6	-241.8	242.2	266.6	10.0	10.0	8989.2	99.8	0.95549	4.65	0.159248
7	9154.74	63.87	266.55	91.242	9030.4	320.6	-19.3	-320.0	320.6	266.6	10.0	10.0	9037.4	51.6	1.11473	4.65	0.159248
8	9245.98	72.99	266.55	91.242	9063.9	405.4	-24.4	-404.6	405.4	266.6	10.0	10.0	9072.7	16.3	1.27398	4.65	0.159248
9	9337.22	82.12	266.55	91.242	9083.6	494.4	-29.7	-493.5	494.4	266.6	10.0	10.0	9094.3	-5.3	1.43323	4.65	0.159248
10	9428.46	91.24	266.55	91.242	9088.9	585.4	-35.2	-584.3	585.4	266.6	10.0	10.0	9101.6	-12.6	1.59248	4.65	0.159248
11	9500.00	91.24	266.55	71.536	9087.3	656.9	-39.5	-655.7	656.9	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
12	9600.00	91.24	266.55	100	9085.1	756.9	-45.5	-755.5	756.9	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
13	9700.00	91.24	266.55	100	9083.0	856.9	-51.5	-855.3	856.9	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
14	9800.00	91.24	266.55	100	9080.8	956.8	-57.5	-955.1	956.8	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
15	9900.00	91.24	266.55	100	9078.6	1056.8	-63.6	-1054.9	1056.8	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
16	10000.00	91.24	266.55	100	9076.5	1156.8	-69.6	-1154.7	1156.8	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
17	10100.00	91.24	266.55	100	9074.3	1256.8	-75.6	-1254.5	1256.8	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
18	10200.00	91.24	266.55	100	9072.1	1356.7	-81.6	-1354.3	1356.7	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
19	10300.00	91.24	266.55	100	9070.0	1456.7	-87.6	-1454.1	1456.7	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
20	10400.00	91.24	266.55	100	9067.8	1556.7	-93.6	-1553.9	1556.7	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
21	10500.00	91.24	266.55	100	9065.6	1656.7	-99.6	-1653.7	1656.7	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
22	10600.00	91.24	266.55	100	9063.5	1756.6	-105.6	-1753.5	1756.6	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
23	10700.00	91.24	266.55	100	9061.3	1856.6	-111.7	-1853.3	1856.6	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
24	10800.00	91.24	266.55	100	9059.1	1956.6	-117.7	-1953.1	1956.6	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
25	10900.00	91.24	266.55	100	9057.0	2056.6	-123.7	-2052.8	2056.6	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
26	11000.00	91.24	266.55	100	9054.8	2156.5	-129.7	-2152.6	2156.5	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
27	11100.00	91.24	266.55	100	9052.6	2256.5	-135.7	-2252.4	2256.5	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
28	11200.00	91.24	266.55	100	9050.5	2356.5	-141.7	-2352.2	2356.5	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
29	11300.00	91.24	266.55	100	9048.3	2456.5	-147.7	-2452.0	2456.5	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
30	11400.00	91.24	266.55	100	9046.1	2556.5	-153.7	-2551.8	2556.5	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
31	11500.00	91.24	266.55	100	9044.0	2656.4	-159.8	-2651.6	2656.4	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
32	11600.00	91.24	266.55	100	9041.8	2756.4	-165.8	-2751.4	2756.4	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
33	11700.00	91.24	266.55	100	9039.6	2856.4	-171.8	-2851.2	2856.4	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
34	11800.00	91.24	266.55	100	9037.5	2956.4	-177.8	-2951.0	2956.4	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
35	11900.00	91.24	266.55	100	9035.3	3056.3	-183.8	-3050.8	3056.3	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
36	12000.00	91.24	266.55	100	9033.1	3156.3	-189.8	-3150.6	3156.3	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
37	12100.00	91.24	266.55	100	9030.9	3256.3	-195.8	-3250.4	3256.3	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
38	12200.00	91.24	266.55	100	9028.8	3356.3	-201.8	-3350.2	3356.3	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
39	12300.00	91.24	266.55	100	9026.6	3456.2	-207.9	-3450.0	3456.2	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
40	12400.00	91.24	266.55	100	9024.4	3556.2	-213.9	-3549.8	3556.2	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
41	12500.00	91.24	266.55	100	9022.3	3656.2	-219.9	-3649.6	3656.2	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
42	12600.00	91.24	266.55	100	9020.1	3756.2	-225.9	-3749.4	3756.2	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
43	12700.00	91.24	266.55	100	9017.9	3856.1	-231.9	-3849.2	3856.1	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
44	12800.00	91.24	266.55	100	9015.8	3956.1	-237.9	-3949.0	3956.1	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
45	12900.00	91.24	266.55	100	9013.6	4056.1	-243.9	-4048.8	4056.1	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
46	13000.00	91.24	266.55	100	9011.4	4156.1	-249.9	-4148.6	4156.1	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
47	13100.00	91.24	266.55	100	9009.3	4256.1	-256.0	-4248.3	4256.1	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
48	13200.00	91.24	266.55	100	9007.1	4356.0	-262.0	-4348.1	4356.0	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
49	13300.00	91.24	266.55	100	9004.9	4456.0	-268.0	-4447.9	4456.0	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
50	13400.00	91.24	266.55	100	9002.8	4556.0	-274.0	-4547.7	4556.0	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
51	13500.00	91.24	266.55	100	9000.6	4656.0	-280.0	-4647.5	4656.0	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
52	13600.00	91.24	266.55	100	8998.4	4755.9	-286.0	-4747.3	4755.9	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
53	13700.00	91.24	266.55	100	8996.3	4855.9	-292.0	-4847.1	4855.9	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
54	13800.00	91.24	266.55	100	8994.1	4955.9	-298.0	-4946.9	4955.9	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
55	13900.00	91.24	266.55	100	8991.9	5055.9	-304.1	-5046.7	5055.9	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
56	14000.00	91.24	266.55	100	8989.8	5155.8	-310.1	-5146.5	5155.8	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1

57	14100.00	91.24	266.55	100	8987.6	5255.8	-316.1	-5246.3	5255.8	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
58	14200.00	91.24	266.55	100	8985.4	5355.8	-322.1	-5346.1	5355.8	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
59	14300.00	91.24	266.55	100	8983.3	5455.8	-328.1	-5445.9	5455.8	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
60	14400.00	91.24	266.55	100	8981.1	5555.7	-334.1	-5545.7	5555.7	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
61	14500.00	91.24	266.55	100	8978.9	5655.7	-340.1	-5645.5	5655.7	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
62	14600.00	91.24	266.55	100	8976.8	5755.7	-346.1	-5745.3	5755.7	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
63	14700.00	91.24	266.55	100	8974.6	5855.7	-352.2	-5845.1	5855.7	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
64	14800.00	91.24	266.55	100	8972.4	5955.7	-358.2	-5944.9	5955.7	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
65	14900.00	91.24	266.55	100	8970.2	6055.6	-364.2	-6044.7	6055.6	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
66	15000.00	91.24	266.55	100	8968.1	6155.6	-370.2	-6144.5	6155.6	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
67	15100.00	91.24	266.55	100	8965.9	6255.6	-376.2	-6244.3	6255.6	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
68	15200.00	91.24	266.55	100	8963.7	6355.6	-382.2	-6344.1	6355.6	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
69	15300.00	91.24	266.55	100	8961.6	6455.5	-388.2	-6443.9	6455.5	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
70	15400.00	91.24	266.55	100	8959.4	6555.5	-394.2	-6543.6	6555.5	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
71	15500.00	91.24	266.55	100	8957.2	6655.5	-400.3	-6643.4	6655.5	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
72	15600.00	91.24	266.55	100	8955.1	6755.5	-406.3	-6743.2	6755.5	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
73	15700.00	91.24	266.55	100	8952.9	6855.4	-412.3	-6843.0	6855.4	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
74	15800.00	91.24	266.55	100	8950.7	6955.4	-418.3	-6942.8	6955.4	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
75	15900.00	91.24	266.55	100	8948.6	7055.4	-424.3	-7042.6	7055.4	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
76	16000.00	91.24	266.55	100	8946.4	7155.4	-430.3	-7142.4	7155.4	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
77	16100.00	91.24	266.55	100	8944.2	7255.3	-436.3	-7242.2	7255.3	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
78	16200.00	91.24	266.55	100	8942.1	7355.3	-442.3	-7342.0	7355.3	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
79	16300.00	91.24	266.55	100	8939.9	7455.3	-448.4	-7441.8	7455.3	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
80	16400.00	91.24	266.55	100	8937.7	7555.3	-454.4	-7541.6	7555.3	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
81	16471.84	91.24	266.55	71.844	8936.2	7627.1	-458.7	-7613.3	7627.1	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
82	16471.84	91.24	266.55	0	8936.2	7627.1	-458.7	-7613.3	7627.1	266.6	#####	#####	9101.6	-12.6	1.59248	4.65	1E-10
83	16471.84	91.24	266.55	0	8936.2	7627.1	-458.7	-7613.3	7627.1	266.6	#####	#####	9101.6	-12.6	1.59248	4.65	1E-10

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

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

Case Nos. 22841 -22842

SELF-AFFIRMED STATEMENT OF NOTICE

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

James Bruce deposes and states:

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

The only party being pooled is Chevron U.S.A Inc. Notice was mailed on May 12, 2022, and a signed green card was returned. The letter was delivered on May 23, 2022.

5. Applicant has complied with the notice provisions of Division Rules.
6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 5/27/22

James Bruce
James Bruce

EXHIBIT 4

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

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

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

jamesbruc@aol.com

May 12, 2022

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Attention: Bennett Massie

Ladies and gentlemen:

Enclosed are copies of applications, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, seeking orders pooling all uncommitted mineral interest owners in the Bone Spring formation in the horizontal spacing units described below:

- (i) Case No. 28441: the N/2N/2 of Section 25 and the N/2NE/4 of Section 26, Township 18 South, Range 31 East, NMPM. The unit will be dedicated to the Deep Ellum 25/26 B2AB Fed. Com. Well No. 1H; and
- (ii) Case No. 22842: the S/2N/2 of Section 25 and the S/2NE/4 of Section 26, Township 18 South, Range 31 East, NMPM. The unit will be dedicated to the Deep Ellum 25/26 B2HG Fed. Com. Well No. 1H.

These matters are scheduled for hearing at 8:15 a.m. on June 2, 2022. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>. You are not required to attend this hearing, but as an owner of an interest who may be affected by the 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.

ATTACHMENT

A

A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, May 26, 2022. This statement may be filed online with the Division at ocd.hearings@state.nm.us, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,



James Bruce

Attorney for Mewbourne Oil Company

7021 0950 0002 0368 0854

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

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

OFFICIAL USE

Certified Mail Fee \$	Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To Chevron U.S.A. Inc. 6301 Deauville Midland, Texas 79706	
Street and Apt. No., or PO Box No.	
City, State, ZIP+4®	

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

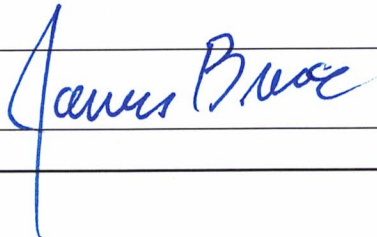
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Signature <input type="checkbox"/> Add-on</p> <p>B. Received by (Printed Name) Stephanie Lamborn</p> <p>C. Date of Delivery 5/23/22</p>	
<p>1. Article Addressed to:</p> <p>Chevron U.S.A. Inc. 6301 Deauville Midland, Texas 79706</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p>	
<p>2. 9590 9402 6746 1074 2491 92</p> <p>7021 0950 0002 0368 0854</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery</p> <p><input checked="" type="checkbox"/> Certified Mail®</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p> <p><input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p> <p>M-D Ellem Domestic Return Receipt</p>		

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

Case:	22841
Date:	June 2, 2022
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/OGRID No.14744
Applicant's Counsel:	James Bruce
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	
Well Family	Deep Ellum wells
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Bone Spring formation
Pool Name and Pool Code:	
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter sections/40 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	240 acres
Building Blocks:	
Orientation:	East - West
Description: TRS/County	N/2N/2 §25 and N/2N/E/4 §26-18S-31E, NMPM, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibit 2-A
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non- standard)	DDep Ellum 25/26 B2AB Fed. Com. Well No. 1H API No. 30-015-Pending SHL: 1400 FNL & 205 FEL §25 BHL: 450 FNL & 2512 FEL §26 FTP: 450 FNL & 100 FEL §25 LTP: 450 FNL & 2512 FEL §26 Second Bone Spring/TVD 8929 feet/MD 16504 feet

EXHIBIT 5

Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2, page 2
Requested Risk Charge	Cost + 200%/Exhibit 2, page 2
Notice of Hearing	
Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4
Proof of Published Notice of Hearing (10 days before hearing)	Not needed
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit 2-B
Tract List (including lease numbers and owners)	Exhibit 2-B
Pooled Parties (including ownership type)	Exhibit 2-B
Unlocatable Parties to be Pooled	
Ownership Depth Severance (including percentage above & below)	None
Joinder	
Sample Copy of Proposal Letter	Exhibit 2-C
List of Interest Owners (<i>i.e.</i> Exhibit A of JOA)	Exhibit 2-B
Chronology of Contact with Non-Joined Working Interests	Exhibit 2-C
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 2-C
Cost Estimate to Equip Well	Exhibit 2-C
Cost Estimate for Production Facilities	Exhibit 2-C
Geology	
Summary (including special considerations)	Exhibit 3
Spacing Unit Schematic	Exhibits 2-A and 3-A
Gunbarrel/Lateral Trajectory Schematic	Exhibit 3-C
Well Orientation (with rationale)	Laydown/Exhibit 3
Target Formation	Bone Spring
HSU Cross Section	Exhibit 3-C
Depth Severance Discussion	Not Applicable
Forms, Figures and Tables	
C-102	Exhibit 2-A
Tracts	Exhibit 2-B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 2-B

General Location Map (including basin)	Exhibits 2-A and 3-A
Well Bore Location Map	Exhibits 2-A and 3-A
Structure Contour Map - Subsea Depth	Exhibit 3-A
Cross Section Location Map (including wells)	Exhibits 3-B and 3-C
Cross Section (including Landing Zone)	Exhibit 3-C
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	
Date:	May 31, 2022