CASE NO. 22842

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. 22842

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/2N/2 of Section 25 and the S/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 S/2N/2 of Section 25 and the S/2NE/4 of Section 26, and has the right to drill a well thereon.
- 2. Applicant proposes to drill the Deep Ellum 25/26 B2HG Fed. Com. Well No. 1H to a depth sufficient to test the Bone Spring formation, and to dedicate the S/2N/2 of Section 25 and the S/2NE/4 of Section 26 to the well. The well has a first take point in the SE/4NE/4 of Section 25 and a last take point in the SW/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 S/2N/2 of Section 25 and the S/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 S/2N/2 of Section 25 and the S/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 S/2N/2 of Section 25 and the S/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 S/2N/2 of Section 25 and the S/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 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, a horizontal well with a first take point in the SE/4NE/4 of Section 25 and a last take point in the SW/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. 22842

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 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:
 - (i) the Deep Ellum 25/26 B2HG Fed Com #1H, a horizontal well with a first take point in the SE/4NE/4 of 25 and a final take point in the SW/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.

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: 169

Notary Public

District 1 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811.8 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

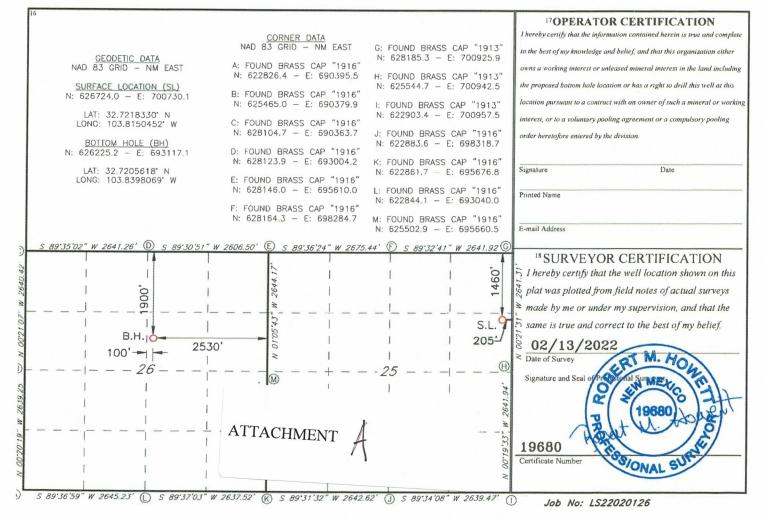
State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

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

AMENDED REPORT

			VELL L	OCATIO	ON AND ACI	REAGE DEDIC	CATION PLA	T					
,	API Numbe	r		² Pool Cod	ode 3 Pool Name								
⁴ Property Co	de		D	EEP EL		⁶ Well Number 1 H							
7OGRID	NO.			MEW	8 Operator N BOURNE OI	L COMPANY			⁹ Elevation 3694				
¹⁰ Surface Location													
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County				
Н	25	18S	31E		1460	NORTH	205	EAST	EDDY				
			11]	Bottom F	Hole Location	If Different Fr	om Surface						
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County				
G	26	18S	31E		1900	NORTH	2530	EAST	EDDY				
2 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.



Section Plat

Deep Ellum 25/26 B2HG Fed Com #1H S/2N/2 of Section 25 & S/2NE/4 of Section 26-T18S-R31E Eddy County, NM

Tract I

Tract 1: S/2N/2 of Section 25 - Federal Lease NMLC 065680

Mewbourne Oil Company

Tract 2: S/2NE/4 of Section 26 - Federal Lease NMLC 029392-B

Chevron USA, Inc.

RECAPITUALTION FOR Deep Ellum 25/26 B2HG Fed Com #1H

Tract Number	Number of Acres Committeed	Percentage of Interst in Communitized Area
1	160	66.66667%
2	80	33.333333%
TOTAL	240	100.000000%

T18S-R31E, Eddy County, NM

Section	n 26	Section 25
	Tract 2	Tract 1

TRACT OWNERSHIP

Deep Ellum 25/26 B2HG Fed Com #1H S/2N/2 of Section 25 & S/2NE/4 of Section 26-T18S-R31E Eddy County, NM

S/2N/2 of Section 25 & S/2NE/4 of Section 26 Bone Spring Formation:

Owner % of Leasehold Interest

Mewbourne Oil Company, et al. 66.666667% *Chevron USA, Inc. 33.333333%

6301 Deauville Blvd
Midland, TX 79706

TOTAL 100.000000%

Total Interest Being Pooled: 33.333333%

OWNERSHIP BY TRACT

S/2N/2 of Section 25

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

TOTAL 100.000000%

S/2NE/4 of Section 26

Owner % of Leasehold Interest

Chevron USA, Inc. 100.000000%

TOTAL 100.000000%



Summary of Communications Deep Ellum 25/26 B2HG Fed Com #1H S/2N/2 of Section 25 & S/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 Fcd 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

MEWBOURNE OIL COMPANY AUTHORIZATION FOR EXPENDITURE

Well Name:	DEEP E	LLUM 25-26 B2HG FED COM #1H	Pros	spect: 2BSS (1.5 Mile Lateral)							
Location: St	L: 1460 FNL & 205 F	EL (25); BHL: 1900 FNL & 2540 FEL	(26)	C	ounty:	Ede	dy		9	T: NM	
Sec. 25/26	Blk: Survey:		TWP:	185	CONTRACTOR OF THE PARTY OF THE	Service of the last	31E Prop. TVI	8940	1	16476	
1.F. (2.000)			Accessed 1				1	0040	, inc.,	104101	
Regulatory Per	INT mits & Surveys	ANGIBLE COSTS 0180			CO		TCP	CODE		CC	
	d / Site / Preparation			-	0180-			0180-0200		\$35,000	
ocation / Rest	toration				0180-			0180-0206		\$15,000	
	nkey / Footage Drillin		\$20500/d		0180-	-		0180-0210		\$65,700	
Fuel Alternate Fuels	3	1700 gal/day @ \$3.15/gal		-	0180-	_		0180-0214 0180-0215		\$277,200	
Mud, Chemical					0180-		-	0180-0210			
Mud - Specializ					0180-	0121	\$120,000	0180-0221			
Horizontal Drille Stimulation Toe	SCHOOLS IN COLUMN 2 IN COLUMN							0180-0222		\$150,000	
Cementing	e rieparation				0180-	0125	\$110,000	0180-0223 0180-0225		\$25,000	
	eline Services				0180-	-		0180-0230		\$278,500	
	g / Snubbing Service	is .			0180-	-		0180-0234		\$18,000	
Aud Logging Stimulation		27 Str. 44 O MM and (44 O MM	16		0180-	0137	\$15,000	0400 0044		t4 507 004	
Stimulation Re	ntals & Other	37 Stg 14.9 MM gal / 14.9 MM	ID				-	0180-0241		\$1,537,600 \$189,000	
Vater & Other					0180-	0145	\$40,000			\$245,200	
3its					0180-	-	\$94,000	0180-0248		\$5,000	
	epair Services				0180-	-	\$50,000	0180-0250		\$5,000	
	nping Services back Services				0180-		\$12,000	0180-0254		\$10,000	
Completion / W					0180-	7138	\$12,000	0180-0258		\$10,500	
Rig Mobilization	n				0180-	0164	\$120,000				
Transportation					0180-	-	\$30,000	0180-0265		\$20,000	
	truction & Maint. Ser	vices			0180-	-		0180-0268		\$15,000	
Contract Service Directional Service	ces & Supervision	Includes Vertical Control			0180-		\$141,300 \$255,000	0180-0270		\$51,100	
Equipment Rer		includes vertical Control			0180-	-		0180-0280		\$15,000	
Vell / Lease Le					0180-	-		0180-0284			
Well / Lease In	Name and Address of the Owner, where the Party of the Owner, where the Party of the Owner, where the Owner, which is				0180-	-	The second secon	0180-0285			
ntangible Supp	plies				0180-	-	THE RESERVE AND PERSONS ASSESSMENT OF THE PE	0180-0288	-	\$1,000	
Damages Pineline Interco	onnect, ROW Easem	nents			0180-		A PROPERTY OF THE PERSON NAMED IN	0180-0290 0180-0292		\$5,000	
Company Supe		iono			0180-	Section 15 Name of		0180-0295		\$32,400	
Overhead Fixe	d Rate				0180-		\$10,000	ADDISON DESCRIPTION OF THE PARTY OF THE PART	-	\$20,000	
Contingencies	10	7% (TCP) 10% (CC)			0180-	0199	\$225,050	0180-0299	*	\$309,520	
			TO	DTAL			\$2,475,550		_	\$3,404,720	
		ANGIBLE COSTS 0181									
Casing (19.1" - Casing (10.1" -		1050' - 13 3/8" 54.5# J-55 ST&C @ \$58.7	13/ft		0181-				-		
Casing (8.1" -		2600' - 9 5/8" 40# HCL80 LT&C @ \$49.46			0181-	_	- The second sec				
Casing (6.1" -		9280' - 7" 29# HPP110 BT&C @ \$36.92/f			0181-	0796	\$365,900				
Casing (4.1" -	6.0")	8615' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$						0181-0797 0181-0798	-	\$186,900 \$107,100	
Tubing Orilling Head		8025' - 2 7/8" 6.5# L-80 IPC Tbg @ \$12.5	OUR		0181-	0860	\$35,000	0161-0736		\$107,100	
	Upper Section					-		0181-0870		\$30,000	
	npletion Tools	Completion Liner Hanger						0181-0871	-	\$70,000	
	uip. & Artificial Lift							0181-0880 0181-0885	-	\$20,000	
Pumping Unit S		(1/4) TP/CP/Circ pump						0181-0886	+	\$8,00	
Service Pumps Storage Tanks		(1/4) 6 OT/5 WT/GB						0181-0890		\$75,000	
	ntrol Equipment	(1/4) VRT's/VRU/Flare/KO's						0181-0892		\$80,00	
Separation / Tr	reating Equipment	(1/4) H sep/V sep/HT						0181-0895	-	\$85,000	
	etering Equipment	(d) d mile or - 0 mile					1	0181-0898 0181-0900	THE RESIDENCE PROPERTY.	\$45,00	
CONTRACTOR OF THE PARTY OF THE PARTY PROPERTY OF THE PARTY PROPERTY OF THE PARTY OF	alves - Gathering	(1/4) 1 mile gas & water		-				0181-0906	-	\$140,00	
Cathodic Prote								0181-0908	3	\$7,50	
Electrical Insta								0181-0909		\$108,00	
Equipment Ins		7470 4 - 9 0			-		-	0181-0910	-	\$105,00	
Pipeline Const	truction	(1/4) 1 mile gas & water			-		+	0 10 1-0920	1	947,00	
			Т	OTAL			\$604,100			\$1,139,00	
			SUBT				\$3,079,650			\$4,543,72	
If neither box is ch	I elect to be covered Operator has secured I elect to purchase m hecked above, non-operatored by:	by Operator's Extra Expense Insurance Extra Expense Insurance covering costs of any own well control insurance policy. Iting working interest owner elects to be covered Gavin Edington	and pay my	propo I, clean well cor	up and	redri	\$7,6 are of the premium ling as estimated	23,370	0180-0		
Company Ap	proval:			Date							
Joint Owner	Interest:	Amount:	5.12								
Joint Owner	Name:		Signatu	re:							
File: Deer	Ellum 25-26 B2HG	Fed Com #1H AFE xlsx						Revised:	8/11/2	020	

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. 22481 - 22482

SELF-AFFIRMED STATEMENT OF CHARLES CROSBY

COUNTY OF MIDLAND)
) ss
STATE OF TEXAS)

Charles Crosby deposes and states:

- 1. I am over the age of 18, and have personal knowledge of the matters stated herein.
- 2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in these cases. I have been qualified by the Division as an expert petroleum geologist.
 - 3. The following geological plats are attached hereto:
 - (a) Attachment A is a structure map on the base of the Second Bone Spring Sand formation. It shows that structure dips gently to the east. It also shows the locations of the two proposed wells, other Bone spring wells in the area, and a line of cross-section.
 - (b) Attachment B is a Second Bone Spring Sand Gross Thickness Map.
 - (c) Attachment C is a cross section of the Second Bone Spring Sand. The well logs on the cross-section give a representative sample of the Second Bone Spring Sand this area, which is the target zone for the proposed wells. The Second Bone Spring Sand is continuous and uniformly thick across the well units.
 - 4. I conclude from the maps that:
 - (a) The horizontal spacing units are justified from a geologic standpoint.
 - (b) The target zone is continuous and of relatively uniform thickness across the well units.
 - (c) Each quarter-quarter section in a well unit will contribute more or less equally to production from the target zone.

EXHIBIT 7

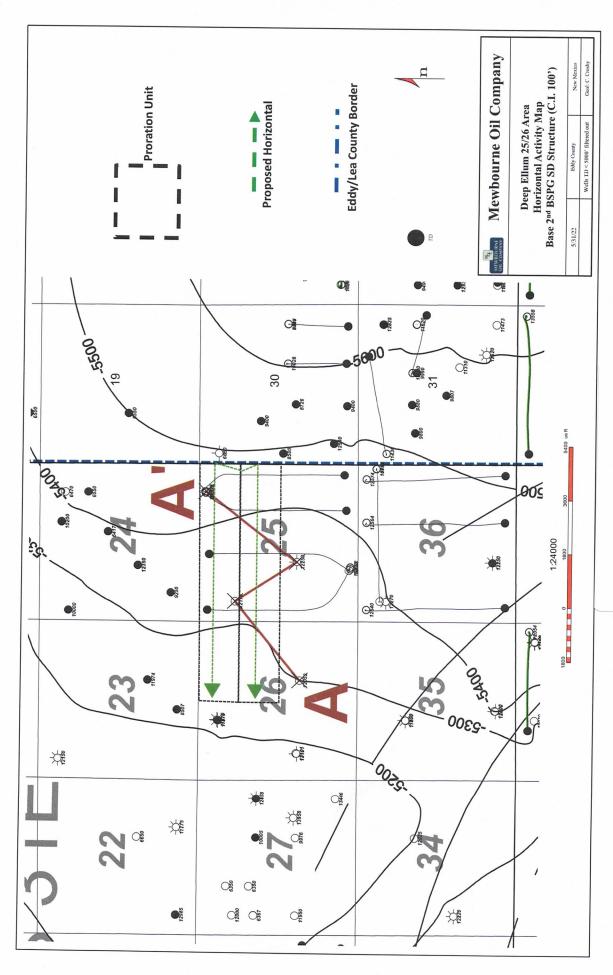
- (d) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.
- 5. Attachment D contains production information from other Second Bone Spring Sand wells drilled in this area. They all have laydown well units. Production is limited but in my opinion, 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.

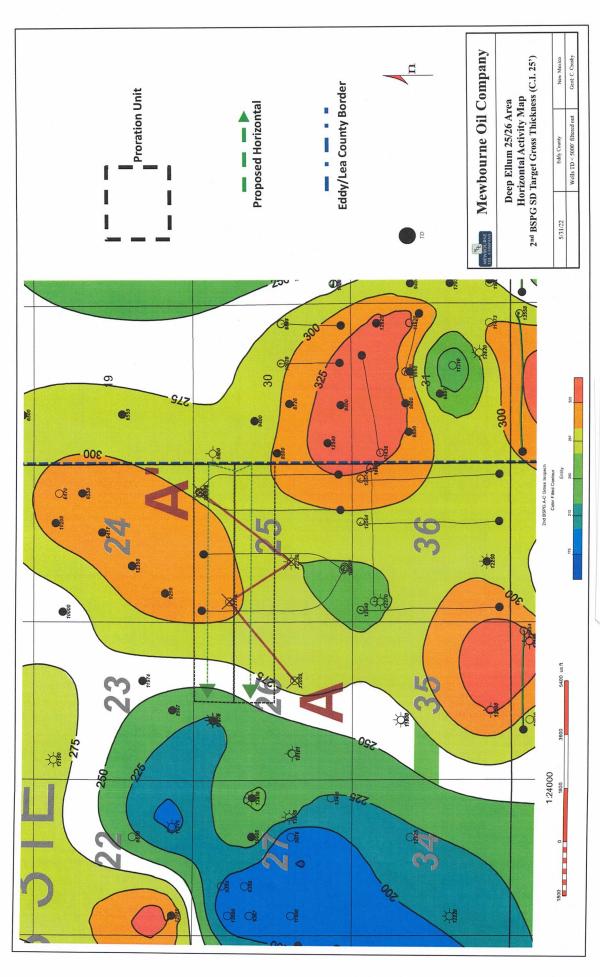
I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 6 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten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

Date:

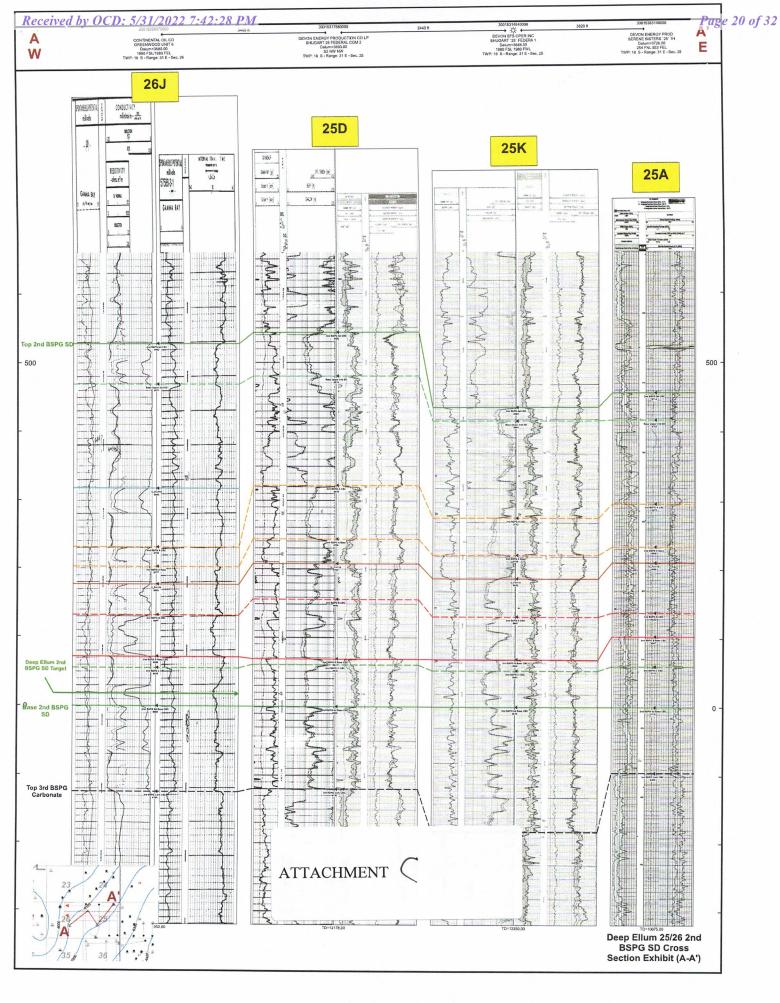
Charles Crosb











		Deen Fllur	Area 2nd RSDG	n Fllum Area 2nd RSDG SD Droduction Table	olde				
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Datter of Table 1			770 1007 117	1107/17/2	T.OO	0.0	120.3	EVV	ally polite spilling sally
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			776 /CCT /VIC	CTO2 /CT /2	1.00.1	O. 13	100.0	2	zna bone spring sand
Haas b rederal Com 1H	900	30025410970000	6A/19S/32F	2/3/2014	166 5	NC 0	2716	E14/	Land Daniel Carried Lanc
			770 /00 / 10	+TO2 /c /2	TOO.3	0.24	0./12	EW	Zilu bolle spring sand

ATTACHMENT ()

ATTACHMENT \mathcal{E}

Mewbourne Oil Company

SURVEY CALCULATION REPORT Minimum Curvature Calculations

+N/-S

(Feet)

0.0

0.9

3 5

7.8

13.7

21.0

29.6

39.1

49.5

603

71.4

75.5

87.7

99.8

111.9

124.0

136.2

148.3

160.4

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196.8

208.9

221.0

233 2

245.3

257.4

269.5

281.7

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3180

330.2

342.3

354.4

366.5

378.6

390.8

402.9

415.0

427.1

439.3

451.4

463.5

475.6

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524.1

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548.4

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-717.5

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-916.0

-1015.2

-1114.4

-1213.6

-1312.9

-1412.1

-1511.3

-1610.5

-1709.8

-1809.0

-1908.2

-2007.4

-2106.7

-2205.9

-2305.1

-2404.3

-2503.6

-2602.8

-2702.0

-2801.2

-2900.5

-2999.7

-3098.9

-3198.1

-32974

-3396.6

-3495.8

-3595.0

-3694.2

-3793.5

-3892.7

-3991.9

-4091.1

-4190.4

-4289.6

-4388.8

-4488.0

-4587.3

-4686.5

-4785.7

-4884.9

-4984.2

-5083.4

Closure Closure

0.0

7.3

29.0

64.6

113.2

173.4

243.9

322.7

408.0

4974

588.8

622.9

722.9

822.8

922.8

1022.7

1122.7

1222.7

1322.6

1422.6

1522 6

1622.5

1722.5

1822.4

1922.4

2022.4

2122.3

2222.3

2322.3

2422.2

2522.2

2622.1

2722.1

2822.1

2922.0

3022.0

3121.9

3221.9

3321.9

3421.8

3521.8

3621.8

3721.7

3821.7

39216

4021.6

4121.6

4221.5

4321.5

4421.5

4521.4

4621.4

4721.3

4821 3

4921.3

5021.2

5121.2

Direction

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Distance

Operator: Mewbourne Oil Company Lease Name: Deep Ellum 25/26 B2AB Fed Com 1H

KOP 8550.04

Drift

(Deg.)

0 00

9.16

18.32

27.47

36.63

45.79

54.95

64 11

73.26

82.42

91.58

91.58

91.58

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Survey Measured

T/I

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24

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35

36

37

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51

52

53

55

56

Depth-ft

8550.04

8641.62

8733.20

8824.78

8916.36

9007.94

9099.53

9191.11

9282.69

9465.85

9500 00

9600.00

9700.00

9800.00

9900.00

10000.00

10100.00

10200.00

10300.00

10400.00

10500.00

10600.00

10700.00

10800.00

10900.00

11000 00

11200.00

11300.00

11400.00

11600.00

11700.00

11900.00

12000 00

12100.00

12200.00

12300.00

12400 00

12500.00

12600.00

12700.00

12800.00

12900.00

13000.00

13100.00

13200.00

13300.00

13400.00

13500.00

13600.00

13700.00

13800.00

13900.00

14000.00

SL: 1400 FNL & 205 FEL; Sec 25H/18S/31E PBHL: 450 FNL & 2540 FEL; Sec 26B/18S/31E

Azimuth

(Deg.)

276 97

276.97

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276 97

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Course

Length

N/A

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34.153

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100

TVD

(Feet)

8550.0

8641.2

8730.1

8814.4

8891.9

8960.7

9019.1

9065.5

9098.7

9118.0

9122.8

9121.8

9119.1

9116.3

9113.6

9110.8

9108.0

9105.3

9102.5

9099.8

9097.0

9094.3

9091.5

9088.7

9086.0

9083.2

9080.5

9077.7

9075.0

9072.2

9069.4

9066.7

9063.9

9061.2

9058.4

90556

9052.9

9050.1

9047.4

9044.6

9041.9

9039.1

90363

9033.6

9030.8

9028.1

9025.3

9022.5

9019.8

9017.0

9014.3

9011.5

9008.8

9006.0

9003.2

9000.5

8997.7

Vertical

Section

0.0

7.3

29.0

64.6

113.2

173.4

243 9

322.7

408.0

497.4

588.8

622.9

722.9

822.8

922.8

1022.7

1122.7

1222.7

1322.6

1422.6

1522.6

1622.5

1722.5

1822.4

1922.4

2022.4

2122.3

2222.3

2322 3

2422.2

2522.2

2622.1

2722.1

2822.1

2922.0

3022.0

3121.9

3221.9

3321.9

3421.8

3521.8

3621.8

3721.7

3821.7

3921.6

4021.6

4121.6

4221.5

4321.5

4421.5

4521.4

4621.4

4721.3

4821.3

4921.3

5021.2

5121.2

Target KBTVD: Target Angle: 9,123 Feet 9123.00 91.58 Degrees 91.58

Section Plane: 276.97 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

DLS

N/A

10.0

10.0

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1E-10

1F-10

1E-10

4.83

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4.83

	+Above				
	-Below	DRIFT	AZIMUT	ГН	
KBTVD	Target	(RADIANS	(RADIAN	IS)	
8550.0	573.0	1E-12	4.83	#VALUE!	
8641.4	481.6	0.159838	4.83	0.159838	
8730.9	392.1	0.319676	4.83	0.159838	
8816.2	306.8	0.479514	4.83	0.159838	
8895.0	228.0	0.639352	4.83	0.159838	
8965.5	157.5	0.799191	4.83	0.159838	
9025.8	97.2	0.959029	4.83	0.159838	
9074.4	48.6	1.118867	4.83	0.159838	
9110.0	13.0	1.278705	4.83	0.159838	
9131.7	-8.7	1.438543	4.83	0.159838	
9139.0	-16.0	1.598381	4.83	0.159838	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
9139.0	-16.0	1.598381	4.83	1E-10	
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 91.24

Target Angle:

91.24 Degrees 266.55 Degrees

Section Plane: Declination Corrected to True North:

Bit to Survey Offset: 44 Fe

6.63 Degrees 44 Feet

Surray	Measured	Drift	Azimuth	Course	TVD	Vertical	+N/-S	+E/-W	Closure	Closure				+Above	DRIFT	AZIMUT	н
No.	Depth-ft	(Deg.)	(Deg.)	Length	(Feet)	Section	(Feet)	(Feet)	Distance	Direction	BUR	DLS	KBTVD		RADIANS		
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		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		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		4.65	1E-10
26	11000.00	91.24	266.55	100	9054.8	2156.5	-129.7	-2152.6		266.6	0.0	0.0	9101.6	-12.6		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		4.65	1E-10
28	11200.00	91.24	266.55	100	9050.5	2356.5	-141.7	-2352.2		266.6	0.0	0.0	9101.6	-12.6		4.65	1E-10
29	11300.00	91.24	266.55	100	9048.3		-147.7	-2452.0	2456.5	266.6	0.0	0.0	9101.6	-12.6		4.65	1E-10
30	11400.00	91.24	266.55	100	9046.1		-153.7	-2551.8	2556.5	266.6	0.0	0.0	9101.6	-12.6		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		-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		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		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 40	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
41	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
42	12500.00 12600.00	91.24 91.24	266.55	100 100	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
43	12700.00	91.24	266.55 266.55	100	9020.1 9017.9	3756.2	-225.9	-3749.4 -3849.2	3756.2 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	9017.9	3856.1 3956.1	-231.9			266.6	0.0	0.0	9101.6	-12.6		4.65	1E-10
45	12900.00	91.24					-237.9	-3949.0	3956.1	266.6	0.0	0.0	9101.6	-12.6	1.59248	4.65	1E-10
46			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
47	13000.00	91.24 91.24	266.55 266.55	100 100	9011.4	4156.1 4256.1	-249.9 -256.0	-4148.6 -4248.3	4156.1 4256.1	266.6 266.6	0.0	0.0	9101.6 9101.6	-12.6	1.59248	4.65	1E-10
48	13200.00	91.24	266.55	100	9009.3	4356.0	-256.0 -262.0	-4348.1	4356.0	266.6	0.0	0.0	9101.6	-12.6 -12.6	1.59248 1.59248	4.65 4.65	1E-10 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 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		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	1E-10

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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
	15100.00 15200.00 15300.00 15400.00 15500.00 15500.00 15700.00 15700.00 16000.00 16100.00 16200.00 16300.00 16400.00	15100.00 91.24 15200.00 91.24 15300.00 91.24 15400.00 91.24 15500.00 91.24 15600.00 91.24 15700.00 91.24 15800.00 91.24 16800.00 91.24 16100.00 91.24 16200.00 91.24 16200.00 91.24 16200.00 91.24 16300.00 91.24 16300.00 91.24 16300.00 91.24 164400.00 91.24	15100.00 91.24 266.55 15200.00 91.24 266.55 15300.00 91.24 266.55 15400.00 91.24 266.55 15500.00 91.24 266.55 15600.00 91.24 266.55 15700.00 91.24 266.55 15900.00 91.24 266.55 15900.00 91.24 266.55 16000.00 91.24 266.55 16100.00 91.24 266.55 16200.00 91.24 266.55 16200.00 91.24 266.55 16300.00 91.24 266.55 16400.00 91.24 266.55 16400.00 91.24 266.55	15100.00 91.24 266.55 100 15200.00 91.24 266.55 100 15300.00 91.24 266.55 100 15400.00 91.24 266.55 100 15500.00 91.24 266.55 100 15700.00 91.24 266.55 100 15800.00 91.24 266.55 100 15900.00 91.24 266.55 100 16000.00 91.24 266.55 100 16100.00 91.24 266.55 100 16200.00 91.24 266.55 100 16300.00 91.24 266.55 100 16400.00 91.24 266.55 100 16400.00 91.24 266.55 100 16471.84 91.24 266.55 71.844 16471.84 91.24 266.55 71.844	15100.00 91.24 266.55 100 8965.9 15200.00 91.24 266.55 100 8963.7 15300.00 91.24 266.55 100 8961.6 15400.00 91.24 266.55 100 8959.4 15500.00 91.24 266.55 100 8955.1 15700.00 91.24 266.55 100 8952.9 15800.00 91.24 266.55 100 8952.9 15900.00 91.24 266.55 100 8948.6 16000.00 91.24 266.55 100 8944.6 16100.00 91.24 266.55 100 8944.2 16200.00 91.24 266.55 100 8942.1 16300.00 91.24 266.55 100 8939.9 16400.00 91.24 266.55 100 8937.7 16471.84 91.24 266.55 100 8937.7 16471.84 91.24 266.55 100 8936.2	15100.00 91.24 266.55 100 8965.9 6255.6 15200.00 91.24 266.55 100 8963.7 6355.6 15300.00 91.24 266.55 100 8951.6 6455.5 15400.00 91.24 266.55 100 8959.4 6555.5 15500.00 91.24 266.55 100 8955.1 6755.5 15700.00 91.24 266.55 100 8952.9 6855.4 15800.00 91.24 266.55 100 8950.7 6955.4 15800.00 91.24 266.55 100 8948.6 7055.4 16800.00 91.24 266.55 100 8946.4 7155.4 16100.00 91.24 266.55 100 8944.2 7255.3 16200.00 91.24 266.55 100 8942.1 7355.3 16300.00 91.24 266.55 100 8939.7 7555.3 16400.00 91.24 266.55 100 <	15100.00 91.24 266.55 100 8965.9 6255.6 -376.2 15200.00 91.24 266.55 100 8963.7 6355.6 -382.2 15300.00 91.24 266.55 100 8961.6 6455.5 -388.2 15400.00 91.24 266.55 100 8959.4 6555.5 -394.2 15500.00 91.24 266.55 100 8957.1 6755.5 -400.3 15700.00 91.24 266.55 100 8952.9 6855.4 -412.3 15800.00 91.24 266.55 100 8952.9 6855.4 -412.3 15900.00 91.24 266.55 100 8946.6 7055.4 -424.3 16000.00 91.24 266.55 100 8946.4 7155.4 -430.3 16100.00 91.24 266.55 100 8946.4 7155.4 -430.3 16200.00 91.24 266.55 100 8942.1 7355.3 -442.3	15100.00 91.24 266.55 100 8965.9 6255.6 -376.2 -6244.3 15200.00 91.24 266.55 100 8963.7 6355.6 -382.2 -6344.1 15300.00 91.24 266.55 100 8961.6 6455.5 -388.2 -6443.9 15400.00 91.24 266.55 100 8959.4 6555.5 -394.2 -6543.6 15500.00 91.24 266.55 100 8955.1 6675.5 -406.3 -6743.2 15700.00 91.24 266.55 100 8955.1 6755.5 -406.3 -6743.2 15700.00 91.24 266.55 100 8952.9 6855.4 -412.3 -6843.0 15800.00 91.24 266.55 100 8948.6 7055.4 -424.3 -7042.6 16000.00 91.24 266.55 100 8946.4 7155.4 -430.3 -712.2 16200.00 91.24 266.55 100 8944.2 7255.3	15100.00 91.24 266.55 100 8965.9 6255.6 -376.2 -6244.3 6255.6 15200.00 91.24 266.55 100 8963.7 6355.6 -382.2 -6344.1 6355.6 15300.00 91.24 266.55 100 8961.6 6455.5 -388.2 -6443.9 6455.5 15400.00 91.24 266.55 100 8959.4 6555.5 -394.2 -6543.6 6555.5 15500.00 91.24 266.55 100 8957.2 6655.5 -400.3 -6643.4 6655.5 15700.00 91.24 266.55 100 8952.9 6855.4 -412.3 -6843.0 6855.4 15800.00 91.24 266.55 100 8952.9 6855.4 -412.3 -6843.0 6855.4 15800.00 91.24 266.55 100 8948.6 7055.4 -418.3 -6942.8 6955.4 16000.00 91.24 266.55 100 8946.4 7155.4 -430.3 <td>15100.00 91.24 266.55 100 8965.9 6255.6 -376.2 -6244.3 6255.6 266.6 15200.00 91.24 266.55 100 8963.7 6355.6 -382.2 -6344.1 6355.6 266.6 15300.00 91.24 266.55 100 8961.6 6455.5 -388.2 -6443.9 6455.5 266.6 15400.00 91.24 266.55 100 8959.4 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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)	
) s	S
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 linc. 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:

ames Bruce

EXHIBIT

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.

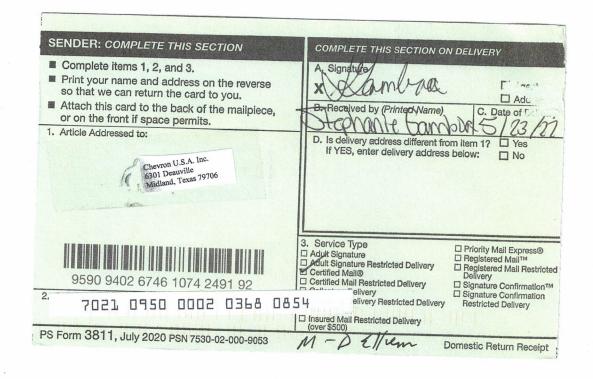
ATTACHMENT

A 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 <u>ocd.hearings@state.nm.us</u>, 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,

Attorney for Mewbourne Oil Company

0002 0368 0854	U.S. Postal Service [™] CERTIFIED MAIL [®] RECEIPT Domestic Mail Only For delivery information, visit our website at www.usps.com [®] .							
	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 \$	USE Postmark Here						
7021, 0950	Postage \$ Total Postage and Fees \$ Sent To Chevron U.S.A. Inc. 6301 Deauville Midland, Texas 79706 City, State, ZiP+48 PS Form 3800, April 2015 PSN 7530-02-000-9047							



COMPULSORY POOLING APPLICATION CHECKLIST

THOM WIGHT BES	SUPPORTED BY SIGNED AFFIDAVITS 22842									
June 2, 2022										
Wiewbourne On C	ompany									
Mewhourne Oil C	omnany/OGRID No 14744									
Mewbourne Oil Company/OGRID No.14744										
	who was Oil Common for Communication Dealing Edd.									
Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico										
Deep Ellum wells										
Bone Spring Form	ation									
Oil										
Entire Bone Sprin	g formation									
Statewide rules and current horizontal well rules										
Quarter-quarter sections/40 acres										
Horizontal										
240 acres										
East - West										
S/2N/2 §25 and S/2NE/4 §26-18S-31E, NMPM, Eddy County										
Yes										
No										
No	EXHIBIT 5									
Exhibit 2-A										
Deep Ellum 25/26	B2HG Fed. Com. Well No. 1H									
API No. 30-015-Pending SHL: 1460 FNL & 205 FEL §25 BHL: 1900 FNL & 2530 FEL §26										
					FTP: 1900 FNL & 100 FEL §25					
					LTP: 1900 FNL & 2530 FEL §26					
Second Bone Sprir	ng/TVD 8940 feet/MD 16476 feet									
The second secon	Mewbourne Oil Comes Bruce Application of Mexiconty, New Mexiconty,									

H. B. G. S. E. H. B. G. S. G.	See above Page 31 of
Points	
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.e. Exhibit A of	
JOA)	Exhibit 2-B
Chronology of Contact with Non-Joined Working Interests	Exhibit 2-C
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 2-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
Released to Imaging: 6/1/2022 8:43:55 AM	

Exhibits 2-A and 3-	-A	Page 32 of 3.
Exhibits 2-A and 3-	-A	
Exhibit 3-A		
Exhibits 3-B and 3-	-C	
Exhibit 3-C		
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May 31, 2022		
	Exhibits 2-A and 3-Exhibit 3-A Exhibits 3-B and 3-Exhibit 3-C James Bruce	Exhibits 3-B and 3-C Exhibit 3-C James Bruce Auus Bueu