BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING NOVEMBER 3, 2022

CASE NOS. 23171-23712

SIG 6-5 WOLI FED 1H WELL SIG 6-5 WOMP FED 1H WELL

EDDY COUNTY, NEW MEXICO



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. 23171-23172

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- Compulsory Pooling Application Checklists and Filed Applications
- MEWBOURNE Exhibit A: Self-affirmed Statement of Tyler Jolly, Landman
 - MEWBOURNE Exhibit A-1: Draft C-102s
 - MEWBOURNE Exhibit A-2: General Location Map
 - MEWBOURNE Exhibit A-3: Tract Ownership
 - o MEWBOURNE Exhibit A-4: Sample Well Proposal Letters & AFEs
 - o MEWBOURNE Exhibit A-5: Chronology of Contact
- MEWBOURNE Exhibit B: Affidavit of Charley Crosby, Geologist
 - MEWBOURNE Exhibit B-1: Subsea Structure Map
 - o MEWBOURNE Exhibit B-2: Stratigraphic Cross Section
- **MEWBOURNE Exhibit C:** Notice Affidavit

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 23171	APPLICANT'S RESPONSE						
Date: November 3, 2011							
Applicant	Mewbourne Oil Company						
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company [OGRID 14744]						
Applicant's Counsel:	Holland & Hart LLP						
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling Eddy County, New Mexico						
Entries of Appearance/Intervenors:							
Well Family	Sig 6/5						
Formation/Pool							
Formation Name(s) or Vertical Extent:	Wolfcamp						
Primary Product (Oil or Gas):	Oil						
Pooling this vertical extent:	N/A						
Pool Name and Pool Code:	Gatuna Canyon;Wolfcamp (27191)						
Well Location Setback Rules:	Standard						
Spacing Unit Size:	309.91-acres						
Spacing Unit							
Type (Horizontal/Vertical)	Horizontal						
Size (Acres)	309.91-acres						
Building Blocks:	Quarter-Quarter sections						
Orientation:	Laydown						
Description: TRS/County	Lot 6 (NW4SW4), NE4SW4, N2SE4 of irregular Section 6 and N2S of Section 5, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico.						
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	N/A						
Applicant's Ownership in Each Tract	Exhibit A-3						
Well(s)							
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)							
Well #1	Sig 6/5 WOLI Fed 1H (API No. pending) SHL: 1180' FSL & 100' FWL (Lot 7) of Sec. 6, T20S, R29E BHL: 2200' FSL & 100' FEL (Unit I) of Sec. 5, T20S, R29E Completion Target: Wolfcamp formation						
	Well Orientation: West to East Completion Location expected to be: Standard						
Harizental Mayfrigstrand/2022 Fals: Poipts	Exhibit A-1						

<u>Received by OCD: 11/1/2022 4:31:26 PM</u> Completion Target (Formation, TVD and MD)	Exhibit A-4
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit C
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C
Proof of Published Notice of Hearing (10 days before hearing)	N/A
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-3
Tract List (including lease numbers and owners)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above &	N/A
below)	
Joinder	
Sample Copy of Proposal Letter	Exhibit A-4
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
Overhead Rates In Proposal Letter	Exhibit A-4
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibits A-1, B-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-1
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-2
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibits A-1, B-1
Released to Imaging: 11/1/2022 5:02:23 PM	Exhibit B-1

<u>Received by OCD: 11/1/2022 4:31:26 PM</u>	Page 5	of 44
Cross Section Location Map (including wells)	Exhibit B-1	-
Cross Section (including Landing Zone)	Exhibit B-2	
Additional Information		
Special Provisions/Stipulations	N/A	
CERTIFICATION: I hereby certify that the information provide	ed in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Michael H. Feldewert	
Signed Name (Attorney or Party Representative):		
Date:	Pachal & Fellevers 1-N	lov-2

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 23172	APPLICANT'S RESPONSE					
Date: November 3, 2011						
Applicant	Mewbourne Oil Company					
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company [OGRID 14744]					
Applicant's Counsel:	Holland & Hart LLP					
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling Eddy County, New Mexico					
Entries of Appearance/Intervenors:						
Well Family	Sig 6/5					
Formation/Pool						
Formation Name(s) or Vertical Extent:	Wolfcamp					
Primary Product (Oil or Gas):	Oil					
Pooling this vertical extent:	N/A					
Pool Name and Pool Code:	Gatuna Canyon;Wolfcamp (27191)					
Well Location Setback Rules:	Standard					
Spacing Unit Size:	309.93-acres					
Spacing Unit						
Type (Horizontal/Vertical)	Horizontal					
Size (Acres)	309.93-acres					
Building Blocks:	Quarter-Quarter sections					
Orientation:	Laydown					
Description: TRS/County	Lot 6 (NW4SW4), SE4SW4, S2SE4 of irregular Section 6 and S2S2 of Section 5, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico.					
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	N/A					
Applicant's Ownership in Each Tract	Exhibit A-3					
Well(s)						
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)						
Well #1	Sig 6/5 WOMP Fed 1H (API No. pending) SHL: 1100' FSL & 100' FWL (Lot 7) of Sec. 6, T20S, R29E BHL: 440' FSL & 100' FEL (Unit P) of Sec. 5, T20S, R29E Completion Target: Wolfcamp formation Well Orientation: West to East					
Having what Multi First and Look Tales Dailets	Completion Location expected to be: Standard					
Havizenta May Figstand 2022 5368: 20 1918	Exhibit A-1					

<u>Received by OCD: 11/1/2022 4:31:26 PM</u> Completion Target (Formation, TVD and MD)	Exhibit A-4
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Production Supervision/Month \$	\$800
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Proof of Published Notice of Hearing (10 days before hearing)	N/A
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Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
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Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-3
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General Location Map (including basin)	Exhibit A-2
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Released to Longoing Map 2002 500 23 PM	Exhibit B-1

<u>Received by OCD: 11/1/2022 4:31:26 PM</u>		Page 8 of 44
Cross Section Location Map (including wells)	Exhibit B-1	
Cross Section (including Landing Zone)	Exhibit B-2	
Additional Information		
Special Provisions/Stipulations	N/A	
CERTIFICATION: I hereby certify that the information provide	ded in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Michael H. Feldewert	
Signed Name (Attorney or Party Representative):		
Date:	Prichal & Fellewers	1-Nov-2

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

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

CASE NO. <u>23171</u>

APPLICATION

Mewbourne Oil Company ("Mewbourne" or "Applicant") (OGRID No. 14744), through its undersigned attorneys, hereby files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 309.91-acre, more or less, horizontal spacing unit comprised of Lot 6 (NW4SW4 equivalent), NE4SW4, N2SE4 of irregular Section 6 and N2S2 of Section 5, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico. In support of its application, Mewbourne states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.

2. Applicant seeks to initially dedicate the above-referenced spacing unit to the proposed **Sig 6-5 WOLI Fed 1H** well to be horizontally drilled from a surface location in Lot 7 (SW4SW4 equivalent) of irregular Section 6 to a bottom hole location in NE4SE4 (Unit I) of Section 5, Township 20 South, Range 29 East.

3. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all the working interest owners in the subject spacing unit.

4. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

5. To allow the recovery of Applicant's just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled, and Applicant should be designated the operator of the proposed horizontal wells and spacing unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on November 3, 2022, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the horizontal spacing unit and approving the initial well thereon;
- B. Designating Applicant as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, equipping, and completing the well;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the well.

Respectfully submitted,

HOLLAND & HART LLP

Tichal & Fillewers By: 🖊

Michael H. Feldewert Adam G. Rankin Julia Broggi Paula M. Vance Post Office Box 2208 Santa Fe, New Mexico 87504-2208 (505) 988-4421 (505) 983-6043 Facsimile mhfeldewert@hollandhart.com agrankin@hollandhart.com jbroggi@hollandhart.com

ATTORNEYS FOR MEWBOURNE OIL COMPANY

Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 309.91-acre, more or less, horizontal well spacing unit comprised of Lot 6 (NW4SW4), NE4SW4, N2SE4 of irregular Section 6 and N2S2 of Section 5, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico. Said horizontal spacing unit is to be initially dedicated to the proposed Sig 6-5 WOLI Fed 1Hwell to be horizontally drilled from a surface location in Lot 7 (SW4SW4 equivalent) of irregular Section 6 to a bottom hole location in NE4SE4 (Unit I) of Section 5, Township 20 South, Range 29 East. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, the operating costs and charges for supervision, the designation of applicant as operator of the proposed spacing unit, and a 200% charge for risk involved in drilling said well. Said area is located approximately 14 miles northeast of Carlsbad, New Mexico.

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

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

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1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.

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Respectfully submitted,

HOLLAND & HART LLP

By:_ thehal & Fellewers

Michael H. Feldewert Adam G. Rankin Julia Broggi Paula M. Vance Post Office Box 2208 Santa Fe, New Mexico 87504-2208 (505) 988-4421 (505) 983-6043 Facsimile mhfeldewert@hollandhart.com agrankin@hollandhart.com jbroggi@hollandhart.com

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

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

CASE NOS. 23171 & 23172

SELF AFFIRMED STATEMENT OF TYLER JOLLY, LANDMAN

1. My name is Tyler Jolly, and I am employed by Mewbourne Oil Company ("Mewbourne") as a Landman. My responsibilities include the Permian Basin of New Mexico. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters and my credentials have been accepted by the Division and made a matter of record.

2. I am familiar with the applications filed by Mewbourne in these consolidated matters and the status of the lands in the subject area. None of the mineral owners to be pooled have expressed opposition to this proceeding, so I do not expect any opposition at the hearing.

3. Mewbourne seeks an order pooling all uncommitted interests in the Wolfcamp formation [Gatuna Canyon; Wolfcamp Pool (27191)] underlying the S/2 equivalent of irregular Sections 5 and 6, Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico as follows:

 Under <u>Case 23171</u>, Mewbourne seeks to pool a standard 309.91-acre
 horizontal well spacing unit in the Wolfcamp formation comprised of Lot 6
 (NW4SW4 equivalent), NE4SW4, N2SE4 of irregular Section 6 and N2S2 of
 Section 5. Said horizontal spacing unit is to be initially dedicated to the proposed
 Sig 6/5 WOLI Fed 1H well to be horizontally drilled from a surface location in
 BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Lot 7 (SW4SW4 equivalent) of irregular Section 6 to a bottom hole location in NE4SE4 (Unit I) of Section 5.

• Under <u>Case 23172</u>, Mewbourne seeks to pool a standard a standard 309.93-acre horizontal well spacing unit in the Wolfcamp formation comprised of Lot 6 (NW4SW4 equivalent), SE4SW4, S2SE4 of irregular Section 6 and S2S2 of Section 5. Said horizontal spacing unit is to be initially dedicated to the proposed **Sig 6/5 WOMP Fed 1H** well to be horizontally drilled from a surface location in Lot 7 (SW4SW4 equivalent) of irregular Section 6 to a bottom hole location in SE4SE4 (Unit P) of Section 5.

4. **Exhibit A-1** contains the Form C-102s for the proposed initial wells. They reflect that the wells will be at standard locations under the Division's statewide rules for oil wells.

5. **Exhibit A-2** is a general location map noting the location of the acreage being pooled and the lateral trajectory of the proposed wells. The acreage is comprised of federal lands.

6. **Exhibit A-3** identifies the tracts of land comprising the proposed spacing unit, the working interest ownership in each tract and their respective interest in the horizontal spacing unit. Mewbourne has identified the "uncommitted" working interest owners that remain to be pooled in red italics font.

7. Mewbourne has been able to locate all the mineral owners that it seeks to pool.

8. **Exhibit A-4** contains a sample of the well proposal letter and AFE for the proposed wells submitted to the working interest owners Mewbourne has been able to locate. The costs reflected in these AFEs are consistent with what Mewbourne and other operators have incurred for drilling similar horizontal wells in the area in this formation.

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9. **Exhibit A-5** contains a chronology of the contacts with the uncommitted mineral owners. Mewbourne has made a good faith effort to obtain voluntary joinder of these owners in the proposed spacing unit and initial wells.

10. Mewbourne requests overhead and administrative rates of \$8,000 per month for drilling and \$800 per month for a producing well. These rates are consistent with the rates charged by Mewbourne and other operators for similar wells in this area.

11. I have provided the law firm of Holland and Hart, LLP, with the names and addresses of the mineral owners that remain to be pooled and instructed that they be notified of this hearing.

12. Exhibits A-1 through A-5 were prepared by me or compiled under my direction from company business records.

13. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

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10/31/22

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istrict <u>1</u> istrict <u>1</u> istrict <u>11</u> 11 S. First St., Artesia, NM hone: (575) 748-1283 Fax: istrict <u>111</u> 1000 Rio Brazos Road, Azte none: (505) 334-6178 Fax: istrict <u>11V</u> 2020 S. St. Francis Dr., Santi hone: (505) 476-3460 Fax:	(575) 393-(88210 (575) 748-9 c, NM 87410 (505) 334-6 a Fe, NM 87	720 0 170 505	Energ		erals & Na L CONSEI 1220 Sc	atura RVA outh S	ew Mexico l Resources De TION DIVISIO St. Francis Dr. NM 87505	Ex Submitted by: I Hearing Dat Case No partment	Fe, New N hibit No. / Mewbourn e: Novem os. 23171-	Al Al De Oil Cou Der 3, 20 232172 Rev Ibmit one	mpany
			WELL L	OCATI	ON AND	ACF	REAGE DEDIC	CATION PLA	Т		
-	API Number	r	² Pool Code ³ Pool Name 27191 Gatuna Canyon Wolfcamp Oil								
4Property Code	;					perty Na 5 W	ame OLI FED			6	5 Well Number 1H
⁷ OGRID NO 14744).			MEV	1	erator N	L COMPANY			9]	Elevation 3283'
					¹⁰ Sur	face	Location				
UL or lot no.	Section	Township		Lot Idn	Feet from	n the	North/South line	Feet From the	East/W	est line	County
7	6	20S	29E		1180		SOUTH	100	WE	ST	EDDY
			11	Bottom	Hole Loca	ation	If Different Fr	om Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	n the	North/South line	Feet from the	East/W	est line	County
I	5	20S	29E		220	00	SOUTH	100	EA	ST	EDDY
¹² Dedicated Acres 309.91	13 Joint	or Infill	14 Consolidation	Code 1	15 Order No.						

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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									17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete
	EODETIC DATA		CORNER [E 501115		""		to the best of my knowledge and belief, and that this organization either
	GRID – NM	ENGT	AD 83 GRID -			BRASS CAP 1.3 - E 616			owns a working interest or unleased mineral interest in the land including
	<u>FACE LOCATIO</u> 45.3 – E: 60	<u> </u>	FOUND BRASS 580365.5 – E	CAP "1916" E 606463.1	G: FOUND	BRASS CAP	"1916"		the proposed bottom hole location or has a right to drill this well at this
	32.5985420° 104.1215267		FOUND BRASS	CAP "1942"	N 58036	5.0 – E 616	706.0		location pursuant to a contract with an owner of such a mineral or workin
	OTTOM HOLE		583023.8 - E			BRASS CAP 59.0 – E 614			interest, or to a voluntary pooling agreement or a compulsory pooling
	64.6 – E: 61	000210	FOUND BRASS						order heretofore entered by the division.
	32.6012847	Ν	585767.2 - E			BRASS CAP " 2.5 – E 611-			
LONG:	104.0889272	Ν	FOUND BRASS 585757.6 – E	611400.7		BRASS CAP ' 88.4 – E 608			Signature Date
		N	FOUND BRASS 585749.7 - E	616696.7		BRASS CAP		ר / ז מר	Printed Name
FIP: 2	ZUU FSL&I	100 FVVL; Se	ec 6/20S/29I	LIP: 2	2200' FSL & 1	100 FEL; Se	C 5/20	JS/ Z9E	
			6	、 、					E-mail Address
	S 89*53'19'	<u>"E 4949.11'</u>	(D)	<u> </u>	<u>" E 5297.22'</u>		, o	© 18 SURVEYOR CERTIFICATION
LOT 4	LOT 3	LOT 2	LOT 1 4	LOT 4	LOT 3	 LOT 2			
101 4 31.79 AC.	42.73 AC.	42.87 AC.	43.01 AC.	43.08 AC.	43.07 AC.	43.07 AC.	43.00	т 1 6 АС. 7	plat was plotted from field notes of actual surveys
			E L					<u> </u>	made by me or under my supervision, and that the
		⊢ — — — 				<u> </u>	' <u></u>		same is true and correct to the best of my belief.
LOT 5 29.88 AC.		1	10.0				Ì	0.00	09/20/2021
29.88 AC.		1	2 O				Í.	<	Date of Survey
		; ;	ß		ļ	5	1(20'\ _E	Signature and Seal of Profesopal Surveys
LOT 6			.07		1		j E	з.н. <mark>∛</mark> ბ	
29.9 NAC.			2642		I NO	0°06'15" W 20	646.94 	<u></u>	(19680)
_ 100'			N N		1	1	1		The the top of
S.L.	107.7		21					220	19680
	LOT 7 ~29.95 AC.		80.0			I 	1		Certificate Number
1180			,00 N			 	1		
S 89.55'36"	W 2309.57'(]] <i>S 89*54'42'</i>	` W 2641.74'() N 89°55'29'	⊥ "₩ 2645.56'(E	⊥ H) N 89°54'45	" W 26	48.46'	Job No.: LS21091020

.

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

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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

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

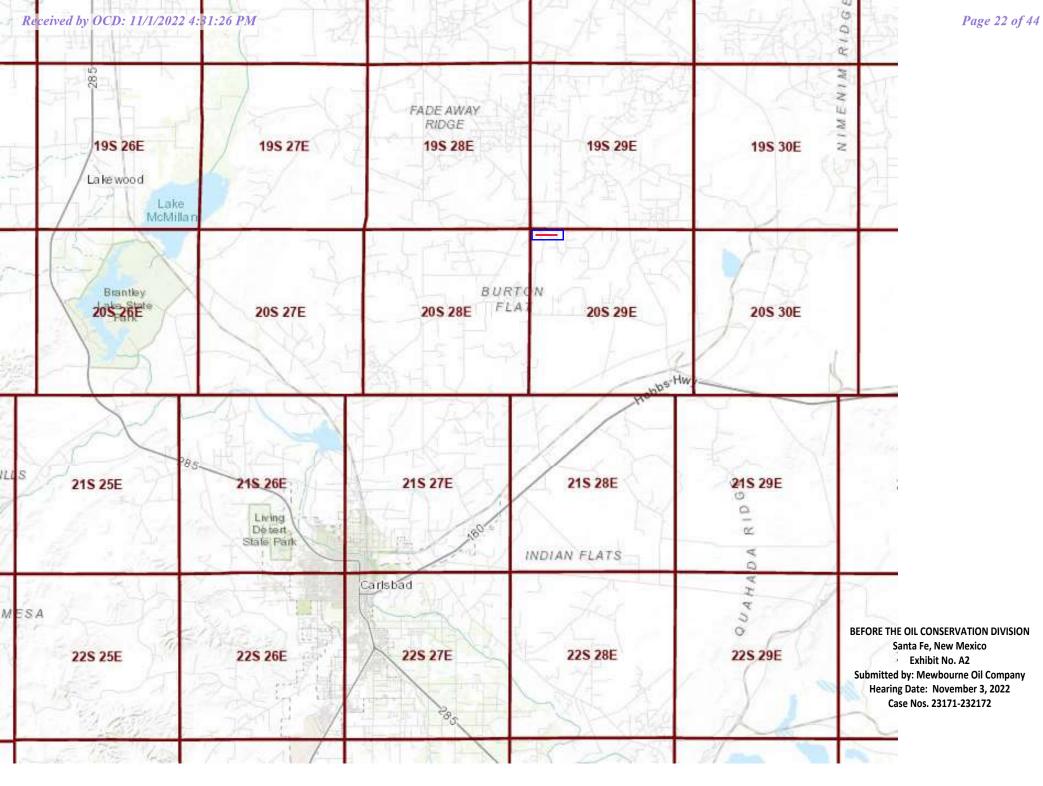
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

AMENDED REPORT

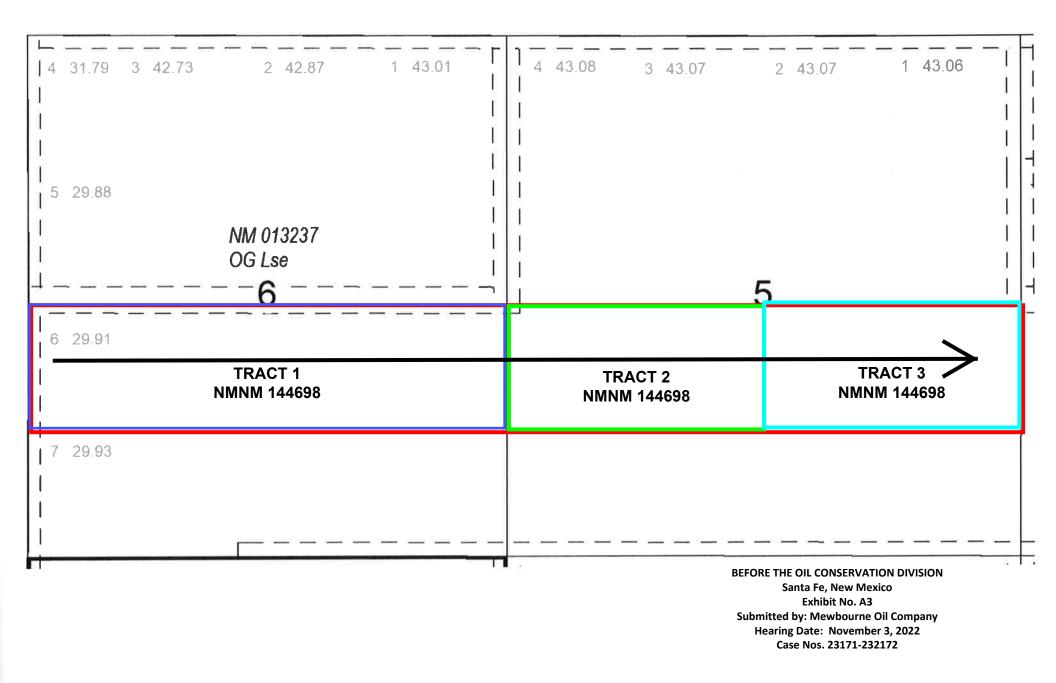
WELL LOCATION A							³ Pool Na	me			
Pend				27191		Gatuna Canyon Wolfcamp Oil					
4Property Co	de		⁵ Property Name SIG 6/5 WOMP FED ⁶ Well Number 1H								
⁷ OGRID 14744	NO.			⁸ Operator Name ⁹ Elevation MEWBOURNE OIL COMPANY 3283'							
	¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	e North/South line	Feet From the	East/West line		County	
7	6	20S	29E		1100	SOUTH	100	WE	ST	EDDY	
			11	Bottom H	Iole Locati	ion If Different Fr	om Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	e North/South line	Feet from the	East/West line		County	
Р	5	20S	29E		440	SOUTH	100	EAS	ST	EDDY	
¹² Dedicated Acre 309.93	s 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 <u>GEODETIC DA</u> NAD 83 GRID – N <u>SURFACE LOCA</u> N: 581465.3 – E: LAT: 32.598322 LONG: 104.12152 <u>BOTTOM HOL</u> N: 580805.0 – E:	M EAST NAD 83 GRID - TION A: FOUND BRASS 606564.9 N 580365.5 - 2' N B: FOUND BRASS N 583023.8 - E 616605.2 C: FOUND BRASS N 585767.2 -	- NM EAST CAP "1916" E 606463.1 CAP "1942" E 606467.5 CAP "1916"	N 58301 G: FOUND N 58036 H: FOUND N 58036 I: FOUND	BRASS CAP " 1.3 – E 6167 BRASS CAP " 5.0 – E 6167 BRASS CAP " 9.0 – E 6140 BRASS CAP	701.2 7916" 706.0 7916" 258.1 1916"		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.
LAT: 32.596448 LONG: 104.08892	99° W D: FOUND BRASS	CAP "1916" CAP "1		N 580372.5 – E 611413.2 I: FOUND BRASS CAP "1916" N 580368.4 – E 608772.1 (: FOUND BRASS CAP "1916" N 583013.9 – E 611406.8			Signature Date Printed Name
	' FWL; Sec 6/20S/29E	_	FSL & 100'	FEL; Sec 5/	20S/29E		E-mail Address
UT 4 LOT 3 31.79 AC. 42.73 AC	LOT 2 LOT 1	LOT 4 43.08 AC.	LOT 3 43.07 AC.	LOT 2 43.07 AC.	LOT 1 43.06 AC	35" W 2739.10'	^(E) 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
	$\begin{array}{c} & & & \\ & &$		 	5 — — —	 	(J) N 00°05'	same is true and correct to the best of my belief. 09/20/2021 Date of Survey Signature and Seal of Profestoral Survey
29.91 AC. 7100 S.L.			 	00°06'15" W			19680
	80.00 00 2 ?'() \$ 89°54'42" ₩ 2641.74'() N 89'55'29" (2645.56') N 89°54'45"		0440	Certificate Number



SIG 6-5 W0LI FED #1H



Released to Imaging: 11/1/2022 5:02:23 PM

Tract 1: Lot 6 (NW4SW4), NE4SW4, N2SE4 of Section 6 - NMNM 144698

Mewbourne Oil Company, et al. Magnum Hunter Production, Inc.

Tract 2: N2SW4 of Section 5 - NMNM 144698

Mewbourne Oil Company, et al Magnum Hunter Production, Inc.

Released to Imaging: 11/1/2022 5:02:23 PM

Tract 3: N2SE4 of Section 5 - NMNM 0144698

Mewbourne Oil Company Magnum Hunter Production, Inc.

RECAPITULATION

SIG 6-5 WOLI FED #1H

Tract Number	Number of Acres Committeed	Percentage of Interst in Communitized Area
1	149.910	48.372108%
2	80.000	25.813946%
3	80.000	25.813946%
TOTAL	309.910	100.00000%

Ownership by Tract Sig 6-5 W0LI Fed #1H

Tract 1: Lot 6 (NW4SW4), NE4SW4, N2SE4 of Section 6 - NMNM 144698

Entity/Individual	Interest
Mewbourne Oil Company, et al.	46.868700%
Magnum Hunter Production, Inc.	53.131300%
Total	100.00000%

Tract 2: N2SW4 of Section 5 - NMNM 144698

Entity/Individual	Interest
Mewbourne Oil Company, et al.	46.8687000%
Magnum Hunter Production, Inc.	53.1313000%
Total	100.000000%

Tract 3: N2SE4 of Section 5 - NMNM 0144698

Entity/Individual	Interest
Mewbourne Oil Company, et al.	45.1108800%
Magnum Hunter Production, Inc.	54.889120%
Total	100.000000%

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Spacing Unit Ownership Sig 6-5 WOLI Fed #1H

Entity	Interest
Mewbourne Oil Company, et al.	46.4149370%
Magnum Hunter Production, Inc.	53.5850630%
Total	100.000000%

Parties in Red are being pooled -

53.5850630%

SIG 6-5 W0MP FED #1H

6 29.91 7 29.93			TRACT 2		TRACT 3 NM 144698
 5 29,88 	NM 013237 OG Lse 6			5	
4 31.79 3 42.73 	2 42.87	1 43.01	4 43.08 3 43.07	2 43.07	1 43.06

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Tract 1: Lot 7 (SW4SW4), SE4SW4, S2SE4 of Section 6 - NMNM 144698

Mewbourne Oil Company, et al. Magnum Hunter Production, Inc.

Tract 2: S2SW4 of Section 5 - NMNM 144698

Mewbourne Oil Company, et al Magnum Hunter Production, Inc.

Tract 3: S2SE4 of Section 5 - NMNM 0144698

Mewbourne Oil Company Magnum Hunter Production, Inc.

RECAPITULATION SIG 6-5 WOMP FED #1H

Tract Number	Number of Acres Committeed	Percentage of Interst in Communitized Area
1	149.930	48.375440%
2	80.000	25.812280%
3	80.000	25.812280%
TOTAL	309.930	100.00000%

Received by OCD: 11/1/2022 4:31:26 PM

Ownership by Tract Sig 6-5 WOMP Fed #1H

Tract 1: Lot 7 (SW4SW4), SE4SW4, S2SE4 of Section 6 - NMNM 144698

Entity/Individual	Interest
Mewbourne Oil Company, et al.	46.868700%
Magnum Hunter Production, Inc.	53.131300%
Total	100.00000%

Tract 2: S2SW4 of Section 5 - NMNM 144698

Entity/Individual	Interest
Mewbourne Oil Company, et al.	46.8687000%
Magnum Hunter Production, Inc.	53.1313000%
Total	100.000000%

Tract 3: S2SE4 of Section 5 - NMNM 0144698

Entity/Individual	Interest
Mewbourne Oil Company, et al.	45.1108800%
Magnum Hunter Production, Inc.	54.889120%
Total	100.000000%

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Spacing Unit Ownership Sig 6-5 W0MP Fed #1H

Entity	Interest
Mewbourne Oil Company, et al.	46.4149670%
Magnum Hunter Production, Inc.	53.5850330%
Total	100.000000%

Parties in Red are being pooled -

53.5850330%

MEWBOURNE OIL COMPANY

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

June 15, 2022

Certified Mail

Magnum Hunter Production, Inc. 600 Marienfeld Street, Suite 600 Midland, Texas 79701 Attn: Riley Morris

Re: Sig 6-5 Well Proposals Sections 6 and 5, T20S, R29E Eddy County, New Mexico

Ladies and Gentlemen:

In addition to the wells proposed in that certain letter dated April 27, 2022 and May 16, 2022, Mewbourne Oil Company ("MOC"), as Operator, hereby proposes three additional wells under the previously proposed Sig 6-5 Operating Agreement targeting the 3rd Bone Spring Sand and Wolfcamp Sand intervals:

- Sig 6-5 B3LI Fed Com #1H API # pending Surface Location: 1140' FSL, 100' FWL, Section 6, T20S, R29E Bottom Hole Location: 1340' FSL, 100' FEL, Section 5, T20S, R29E Proposed Total Vertical Depth: 9030' Proposed Total Measured Depth: 18836' Target: 3rd Bone Spring Sand
- 2) Sig 6-5 W0LI Fed Com #1H API # pending Surface Location: 1180' FSL, 100' FWL, Section 6, T20S, R29E Bottom Hole Location: 2200' FSL, 100' FEL, Section 5, T20S, R29E Proposed Total Vertical Depth: 9158' Proposed Total Measured Depth: 19021' Target: Wolfcamp Sand
- 3) Sig 6-5 W0MP Fed Com #1H API # pending Surface Location: 1100' FSL, 100' FWL, Section 6, T20S, R29E Bottom Hole Location: 440' FSL, 100' FEL, Section 5, T20S, R29E Proposed Total Vertical Depth: 9191' Proposed Total Measured Depth: 19008' Target: Wolfcamp Sand

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. A4 Submitted by: Mewbourne Oil Company Hearing Date: November 3, 2022 Case Nos. 23171-232172 In the event you elect to participate in the proposed wells, please execute the enclosed AFEs before returning them to the undersigned within thirty (30) days. The previously proposed Operating Agreement provides a non-consent penalty of 300%/100% and COPAS drilling/producing rates of \$8000/month and \$800/month respectively. Please enclose your most current well information requirements with your executed AFEs so that we may supply well data when available.

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

Very truly yours,

MEWBOURNE OIL COMPANY

Tyler Jolly Landman

MEWBOURNE OIL COMPANY AUTHORIZATION FOR EXPENDITURE

0-0105 \$45,000 0-0106 \$200,000 0-0110 \$565,000 0-0114 \$196,300 0-0115 \$0.0120 0-0120 \$50,000 0-0121 \$140,000 0-0125 \$145,000 0-0130 \$35,000	CODE 0180-0200 0180-0205 0180-0206 0180-0210 0180-0214 0180-0215 0180-0220 0180-0221 0180-0222 0180-0223 0180-0223 0180-0224	ST: NM MD: 19021 CC \$35,00 \$100,00 \$73,70 \$497,30 \$200,00 \$50,00
NG: 29E Prop. TVD 0DE TCP 0.0100 \$20,000 0-0105 \$45,000 0.0105 \$45,000 0-0106 \$200,000 0.0110 \$565,000 0-0110 \$565,000 0.0114 \$196,300 0-0115 0.00120 \$50,000 0-0120 \$50,000 0.0121 0-0125 \$145,000 0.0130 0-0130 \$35,000 0.0134	CODE 0180-0200 0180-0205 0180-0206 0180-0210 0180-0214 0180-0215 0180-0220 0180-0221 0180-0222 0180-0223 0180-0223 0180-0224	MD: 19021 CC \$35,00 \$100,00 \$73,70 \$497,30 \$200,00
ODE TCP 0-0100 \$20,000 0-0105 \$45,000 0-0106 \$200,000 0-0110 \$565,000 0-0114 \$196,300 0-0120 \$50,000 0-0121 \$140,000 0-0125 \$145,000 0-0130 \$35,000	CODE 0180-0200 0180-0205 0180-0206 0180-0210 0180-0214 0180-0215 0180-0220 0180-0221 0180-0222 0180-0223 0180-0223 0180-0224	CC \$35,00 \$100,00 \$73,70 \$497,30 \$200,00
0-0100 \$20,000 0-0105 \$45,000 0-0106 \$200,000 0-0110 \$565,000 0-0114 \$196,300 0-0120 \$50,000 0-0121 \$140,000 0-0125 \$145,000 0-0130 \$35,000	0180-0200 0180-0205 0180-0206 0180-0210 0180-0214 0180-0215 0180-0220 0180-0221 0180-0222 0180-0223 0180-0223 0180-0224	\$35,00 \$100,00 \$73,70 \$497,30 \$200,00
0-0105 \$45,000 0-0106 \$200,000 0-0110 \$565,000 0-0114 \$196,300 0-0115 \$0.0120 0-0120 \$50,000 0-0121 \$140,000 0-0125 \$145,000 0-0130 \$35,000	0180-0205 0180-0206 0180-0210 0180-0214 0180-0215 0180-0220 0180-0221 0180-0222 0180-0223 0180-0225 0180-0230 0180-0234	\$100,00 \$73,70 \$497,30 \$200,00
0-0106 \$200,000 0-0110 \$565,000 0-0114 \$196,300 0-0115 0 0-0120 \$50,000 0-0121 \$140,000 0-0125 \$145,000 0-0130 \$35,000 0-0134 \$35,000	0180-0206 0180-0210 0180-0214 0180-0215 0180-0220 0180-0221 0180-0222 0180-0223 0180-0225 0180-0230 0180-0234	\$100,00 \$73,70 \$497,30 \$200,00
0-0114 \$196,300 0-0115 0-0120 \$50,000 0-0121 \$140,000 -0125 \$145,000 0-0130 \$35,000 0-0134 \$35,000	0180-0214 0180-0215 0180-0220 0180-0221 0180-0222 0180-0223 0180-0225 0180-0230 0180-0234	\$497,30
0-0115 0-0120 \$50,000 0-0121 \$140,000 0-0125 \$145,000 0-0130 \$35,000 0-0134 \$35,000	0180-0215 0180-0220 0180-0221 0180-0222 0180-0223 0180-0225 0180-0230 0180-0234	\$200,00
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0-0121 \$140,000 0-0125 \$145,000 0-0130 \$35,000 0-0134 \$35,000	0180-0221 0180-0222 0180-0223 0180-0225 0180-0230 0180-0234	
0-0125 \$145,000 0-0130 \$35,000 0-0134 \$35,000	0180-0222 0180-0223 0180-0225 0180-0230 0180-0234	
0-0130 \$35,000 0-0134 \$35,000	0180-0223 0180-0225 0180-0230 0180-0234	
0-0130 \$35,000 0-0134 \$35,000	0180-0225 0180-0230 0180-0234	
0-0134 \$35,000	0180-0234	\$50,00
		\$370,00
0-0137 \$15,000		\$18,00
		¢2 400 00
	0180-0241	\$2,400,00 \$266,00
0-0145 \$40,000	0180-0242	\$200,00
	0180-0248	, , , , , , , , , , , , , , , , ,
	0180-0250	\$5,00
0-0154	0180-0254	\$10,00
0-0158 \$12,000		\$24,00
0-0164 \$150.000	0180-0260	\$10,50
. ,	0180-0265	\$30,00
		\$30,00
. ,		\$57,10
0-0175 \$297,000		
. ,		\$20,00
. ,		
		¢1.00
		\$1,00 \$10,00
		\$5,00
		\$36,00
		\$20,00
0-0199 \$129,569	0180-0299	\$231,18
\$2,720,944		\$4,854,78
1-0793 \$30,700		
1-0794 \$89,000		
1-0796 \$407,400	0191 0707	\$269,70
		\$108,60
1-0860 \$35,000		<i></i>
	0181-0870	\$30,00
	0181-0871	\$70,00
	0181-0880	\$80,00
	0181-0885	MAE 00
		\$15,00 \$195,00
	0181-0890	\$195,00
	0101-0002	. ,
	0181-0895	\$100.00
	0181-0895 0181-0898	\$100,00 \$92,50
	0181-0898 0181-0900 0181-0906	\$92,50 \$75,00 \$300,00
	0181-0898 0181-0900 0181-0906 0181-0908	\$92,50 \$75,00 \$300,00 \$7,50
	0181-0898 0181-0900 0181-0906 0181-0908 0181-0909	\$92,50 \$75,00 \$300,00 \$7,50 \$145,00
	0181-0898 0181-0900 0181-0906 0181-0908 0181-0909 0181-0910	\$92,50 \$75,00 \$300,00 \$7,50 \$145,00 \$155,00
	0181-0898 0181-0900 0181-0906 0181-0908 0181-0909	\$92,50 \$75,00 \$300,00 \$7,50 \$145,00
	0181-0898 0181-0900 0181-0906 0181-0908 0181-0909 0181-0910	\$92,50 \$75,00 \$300,00 \$7,50 \$145,00 \$155,00
	0181-0898 0181-0900 0181-0906 0181-0908 0181-0909 0181-0910	\$92,50 \$75,00 \$300,00 \$7,50 \$145,00 \$155,00 \$50,00
\$734,100	0181-0898 0181-0900 0181-0906 0181-0908 0181-0909 0181-0910 0181-0920	\$92,50 \$75,00 \$300,00 \$7,50 \$145,00 \$155,00 \$50,00 \$1,843,30
\$3,455,044	0181-0898 0181-0900 0181-0906 0181-0908 0181-0909 0181-0910 0181-0920	\$92,50 \$75,00 \$300,00 \$7,50 \$145,00 \$155,00 \$50,00
	D-0158 \$12,000 D-0164 \$150,000 D-0165 \$30,000 D-0165 \$30,000 D-0165 \$30,000 D-0168 \$4,000 D-0170 \$161,000 D-0175 \$297,000 D-0180 \$163,875 D-0185 \$4,600 D-0185 \$4,600 D-0190 \$10,000 D-0192 D-0195 D-0195 \$96,600 D-0196 \$10,000 D-0197 \$2,720,944 1-0793 \$30,700 1-0794 \$89,000 1-0796 \$407,400	0-0158 \$12,000 0180-0258 0180-0260 0180-0260 0-0164 \$150,000 0-0165 \$30,000 0180-0265 0-0165 \$30,000 0180-0268 0-0165 \$297,000 0180-0270 0-0170 \$161,000 0180-0280 0-0175 \$297,000 0180-0284 0-0180 \$163,875 0180-0284 0-0185 \$4,600 0180-0285 0-0185 \$4,600 0180-0288 0-0190 \$10,000 0180-0290 0-0192 0180-0292 0-0195 \$96,600 0180-0295 0-0196 \$10,000 0180-0299 0-0199 \$129,569 0180-0299 \$2,720,944 \$2,720,944 \$2,720,944 1-0793 \$30,700 \$30,700 1-0794 \$89,000 \$31,0,700 1-0795 \$172,000 \$31,0,700 1-0796 \$407,400 \$31,0,700 1-0796 \$407,400 \$35,000

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MEWBOURNE OIL COMPANY AUTHORIZATION FOR EXPENDITURE

Sec. 6/5 Regulatory Perr Location / Road Location / Resto Daywork / Turn Fuel Alternate Fuels Mud, Chemical Mud - Specialize Horizontal Drillo Stimulation Toe Cementing Logging & Wirel	Blk: Survey IN mits & Surveys 1 / Site / Preparation oration key / Footage Drillin	ANGIBLE COSTS 0180	TWP: 20S	ounty: RN COI	G: 291	E Prop. TVD	9191	ST: NM TMD: 19008
Regulatory Perr Location / Road Location / Resto Daywork / Turnl Fuel Alternate Fuels Mud, Chemical Mud - Specialize Horizontal Drillo Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging	IN mits & Surveys I / Site / Preparatior oration key / Footage Drillir	ANGIBLE COSTS 0180	TWP: 20S	<u>→</u> 		E Prop. TVD	9191	TMD: 19008
Regulatory Perr Location / Road Location / Resto Daywork / Turn Fuel Alternate Fuels Mud, Chemical Mud - Specialize Horizontal Drillo Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging	IN mits & Surveys I / Site / Preparatior oration key / Footage Drillir	ANGIBLE COSTS 0180		<u>→</u> 			_	
Location / Road Location / Restor Daywork / Turn Fuel Alternate Fuels Mud, Chemical Mud - Specialize Horizontal Drillo Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging	mits & Surveys I / Site / Preparatior oration key / Footage Drillir						1	
Location / Road Location / Restor Daywork / Turn Fuel Alternate Fuels Mud, Chemical Mud - Specialize Horizontal Drillo Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging	I / Site / Preparation oration key / Footage Drillir			0180-0		TCP	CODE 0180-0200	CC
Location / Resto Daywork / Turn Fuel Alternate Fuels Mud, Chemical Mud - Specialize Horizontal Drillo Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging	oration key / Footage Drillir			0180-0		. ,	0180-0200	
Fuel Alternate Fuels Mud, Chemical Mud - Specialize Horizontal Drillo Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging				0180-0		. ,	0180-0206	. ,
Alternate Fuels Mud, Chemical Mud - Specialize Horizontal Drillo Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging		g 23 days drlg / 3 days comp @ \$	323000/d	0180-0	0110	\$565,000	0180-0210	\$73,70
Mud, Chemical Mud - Specialize Horizontal Drillo Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging		1700 gal/day @ \$4.7/gal		0180-0	0114	\$196,300	0180-0214	
Mud - Specialize Horizontal Drillo Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging				0180-0		* 50.000	0180-0215	
Horizontal Drillo Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging				0180-0		. ,	0180-0220 0180-0221	
Stimulation Toe Cementing Logging & Wirel Casing / Tubing Mud Logging				0100-0	5121	φ140,000	0180-0222	\$200,00
Logging & Wirel Casing / Tubing Mud Logging				-			0180-0223	
Casing / Tubing Mud Logging	•			0180-0	0125		0180-0225	
Nud Logging				0180-0			0180-0230	
	g / Snubbing Service	S		0180-0		1 1	0180-0234	\$18,00
Sumulation		51 Stg 20.2 MM gal / 25.3 MM	lb	0180-0	<u>J137</u>	\$15,000	0180-0241	\$2,400,00
Stimulation Ren	ntals & Other	51 Stg 20.2 Milli gal / 23.3 Milli					0180-0241	
Nater & Other				0180-0	0145	\$40,000	0180-0245	
Bits				0180-0			0180-0248	1
nspection & Re				0180-0	0150		0180-0250	\$5,00
Misc. Air & Pum				0180-0			0180-0254	. ,
Testing & Flowb				0180-0	J158	\$12,000	0180-0258	
Completion / We Rig Mobilization				0180-0	0164	\$150,000	0180-0260	\$10,50
Transportation	1			0180-0		. ,	0180-0265	\$30,00
	ruction & Maint. Sei	vices		0180-0			0180-0268	
-	es & Supervision			0180-0		. ,	0180-0270	. ,
Directional Serv	vices	Includes Vertical Control		0180-0	0175	\$297,000		
Equipment Ren				0180-0			0180-0280	
Well / Lease Le				0180-0		. ,	0180-0284	
Well / Lease Ins				0180-0			0180-0285	
Intangible Supp Damages	blies			0180-0			0180-0288 0180-0290	
0	nnect, ROW Easen	pents		0180-0		\$10,000	0180-0290	
Company Supe				0180-0		\$96,600	0180-0295	
Overhead Fixed				0180-0	0196		0180-0296	
Contingencies		5% (TCP) 5% (CC)		0180-0	0199	\$129,569	0180-0299	\$231,18
			TOTAL		<u> </u>	\$2,720,944	<u> </u>	\$4,854,78
	Т	ANGIBLE COSTS 0181						
Casing (19.1" –	1	400' - 20" 94# X-56 BTC @ \$71.95/ft		0181-0	0793	\$30,700	L	
Casing (10.1" -		1300' - 13 3/8" 54.5# J-55 ST&C @ \$64.12		0181-0		\$89,000		
Casing (8.1" – 1		3150' - 9 5/8" 40# HCL80 LT&C @ \$51.12/	ft	0181-0		\$172,000 \$407,400		
Casing (6.1" – 8 Casing (4.1" – 6		8650' - 7" 29# HPP110 BT&C @ \$44.10/ft 10560' - 4 1/2" 13.5# P-110 CDC-HTQ @ \$		0181-0	5796	\$407,400	0181-0797	\$269,70
Tubing	5.0 /	8475' - 2 7/8" 6.5# L-80 IPC Tbg @ \$12/ft	25.51/10	-			0181-0798	
Drilling Head				0181-0	0860	\$35,000		,,
Tubing Head &	Upper Section						0181-0870	\$30,00
Horizontal Com		Completion Liner Hanger					0181-0871	\$70,00
	uip. & Artificial Lift	ESP		<u> </u>			0181-0880	
Pumping Unit S	,			┨────			0181-0885	
Service Pumps Storage Tanks		(1/2) TP/CP/Circ pump (1/2) 6 OT/5 WT/GB		╂───	-+		0181-0886	
Emissions Cont	trol Equipment	(1/2) VRT's/VRU/Flare/KO's		┨────			0181-0892	
	eating Equipment	(1/2) H sep/V sep/HT		1			0181-0895	
	tering Equipment	Automation/fiber/meters					0181-0898	
_ine Pipe & Val	ves - Gathering	(1/2) 1 mile gas & water					0181-0900	\$75,00
	s & Accessories			<u> </u>			0181-0906	
Cathodic Protec				┨────			0181-0908	
Electrical Install				╂───	\rightarrow		0181-0909	
Equipment Insta Pipeline Constru		(1/2) 1 mile gas & water		╂───	-+		0181-0910	
	400011	(1)-j + Hino gas & water		1			5151-0320	φου,00
				1				1
			TOTAL	1	<u>`</u>	\$734,100		\$1,843,30
				1				
			SUBTOTAL	╂────		\$3,455,044	<u> </u>	\$6,698,08
		TOTAL W	ELL COST			\$10,1	53,124	
	elect to be covered Operator has secured	by Operator's Extra Expense Insurance an Extra Expense Insurance covering costs of w y own well control insurance policy.					_ine Item 01	80-0185.
f neither box is cheo Prepare		ng working interest owner elects to be covered by (Gavin Edington	Operator's well contro Date:		ce. 5/2022			
Company App	proval:		Date:	:				
						-		
	nterest:	Amount:						

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Summary of Communications Sig 6-5 B2LI Fed #1H Sig 6-5 B2MP Fed #1H Sig 6-5 B3LI Fed #1H Sig 6-5 W0LI Fed #1H Sig 6-5 W0MP Fed #1H

Magnum Hunter Production, Inc.

- 1. May 16, 2022 emailed well proposal letter, AFEs, and Operating Agreement before hard copies were sent certified mail.
- 2. June 15, 2022 emailed well proposal letter, AFEs, and Operating Agreement before hard copies were sent certified mail.
- 3. Email correspondence between Riley Morris with Magnum Hunter and Tyler Jolly with Mewbourne discussing the well proposal.

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. A5 Submitted by: Mewbourne Oil Company Hearing Date: November 3, 2022 Case Nos. 23171-232172

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

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

CASE NOS. 23171 & 23172

SELF AFFIRMENT STATEMENT OF CHARLES CROSBY, GEOLOGIST

1. My name is Charles Crosby, and I am employed by Mewbourne Oil Company ("Mewbourne") as a petroleum geologist. My responsibilities include the Permian Basin of New Mexico. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology.

2. I am familiar with the application filed by Mewbourne in these matters, and I have conducted a geologic study of the lands in the subject area.

3. The target interval for the proposed initial Sig 6/5 wells is the Wolfcamp sand.

4. **Exhibit B-1** is a subsea structure map that I prepared for the top of the Wolfcamp formation. The contour intervals are 100 feet. The area comprising the proposed spacing units is outlined with a dashed black box, and the approximate location and orientation of the initial wells noted with dashed purple arrows. The structure map shows the Wolfcamp formation dipping to the east/southeast. The structure appears consistent across the proposed spacing units, and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells.

5. Exhibit B-1 also shows a line of cross section through the proposed horizontal spacing units from A to A'. I chose the logs from these wells to create a cross section because they penetrate the targeted interval, are of good quality and have been subjected to petrophysical analysis of the targeted interval. In my opinion, these well logs are representative of the geology BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico

Santa Fe, New Mexico Exhibit No. B Submitted by: Mewbourne Oil Company Hearing Date: November 3, 2022 Case Nos. 23171-232172

Exhibit B-2 is a stratigraphic cross-section that I prepared using the logs from the 6. representative wells shown on Exhibit B-1. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The target interval for the proposed wells is marked on the cross section by a red arrow. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing units.

My geologic study indicates the Wolfcamp formation underlying the subject area 7. is suitable for development by horizontal wells and the acreage comprising the proposed horizontal spacing units will be productive and contribute proportionately to the production from the wells.

8. Exhibit B-1 also shows the existing Wolfcamp development in this area. In my opinion, the laydown orientation of the proposed wells is appropriate because of the stress regime in this area. Recently, operators in the area have overwhelmingly drilled wells in the laydown orientation based on the above referenced regional stress regime and improved results.

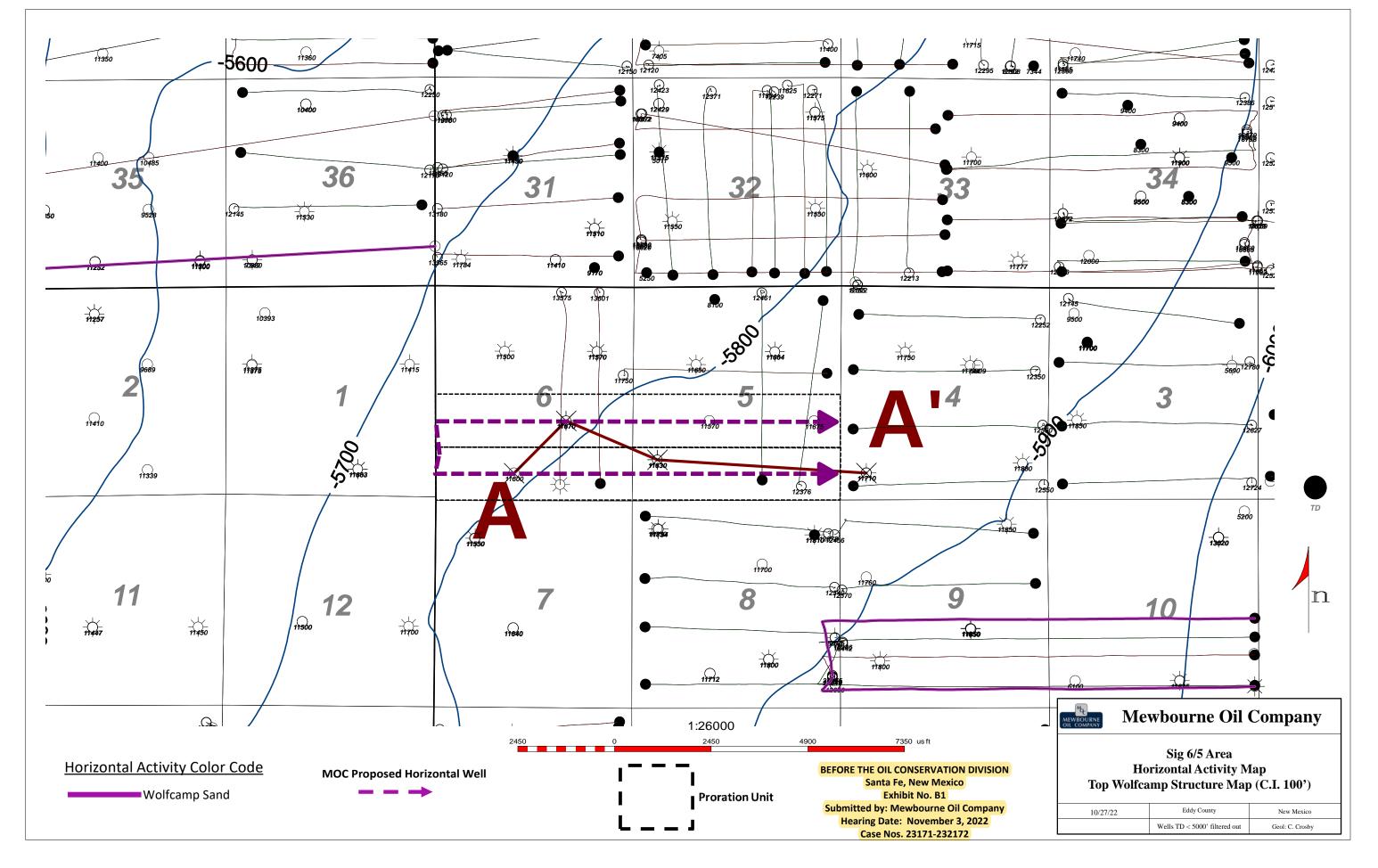
In my opinion, approval of this application is in the best interest of conservation, 9. the prevention of waste, and protection of correlative rights.

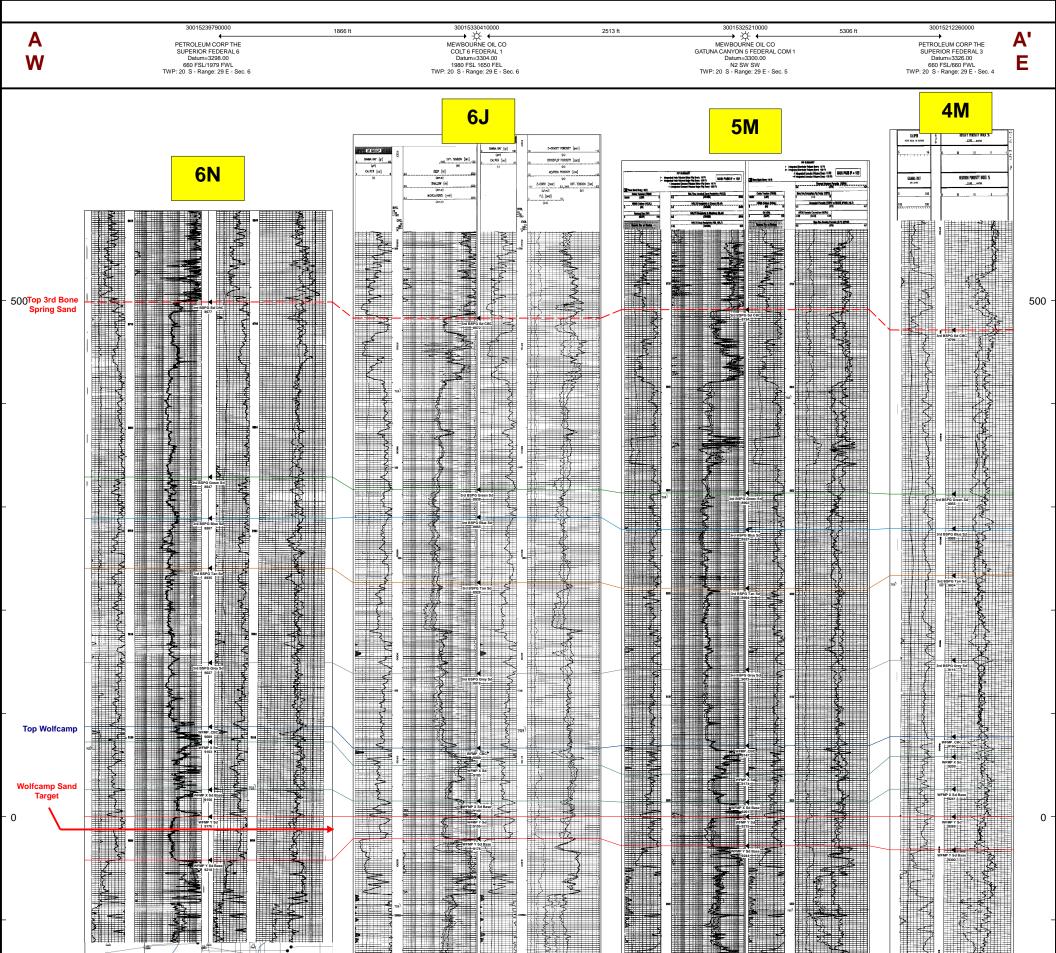
10. Exhibits B-1 through B-2 were either prepared by me or compiled under my direction and supervision.

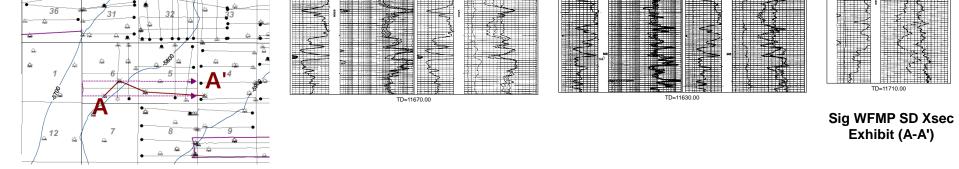
I affirm under penalty of perjury under the laws of the State of New Mexico 11. that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

Charles Crosby

10/27/22 Date







BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico Exhibit No. B2 Submitted by: Mewbourne Oil Company Hearing Date: November 3, 2022 Case Nos. 23171-232172

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. 23171-23172

<u>AFFIDAVIT</u>

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

Michael H. Feldewert, attorney in fact and authorized representative of the Applicant herein, being first duly sworn, upon oath, states

1. The above-referenced applications and notice of the hearing on these applications were

sent by certified mail to the affected parties on the date set forth in the letter attached hereto.

2. The green card receipt attached hereto contains the names of the parties to whom notice was provided.

3. The green card receipt attached provided by the United States Postal Service reflects

the status of the delivery of this notice as of the date on each green card receipt.

Michael H. Feldewert

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. C Submitted by: Mewbourne Oil Company Hearing Date: November 3, 2022 Case Nos. 23171-232172 SUBSCRIBED AND SWORN to before me this 31st day of October, 2022 by Michael H.

Feldewert.

My Commission Expires:

Nov. 12,2023

Notary Public

STATE OF NEW MEXICO NOTARY PUBLIC CARLA GARCIA COMMISSION # 1127528 COMMISSION EXPIRES 11/12/2023



Michael H. Feldewert Partner Phone (505) 988-4421 mfeldewert@hollandhart.com

October 14, 2022

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Mewbourne Oil Company for Compulsory Pooling, Eddy County, New Mexico: Sig 6-5 WOLI Fed 1H

Ladies & Gentlemen:

This letter is to advise you that Mewbourne Oil Company has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on November 3, 2022, and the status of the hearing can be monitored through the Division's website at http://www.emnrd.state.nm.us/ocd/.

Due to the remodeling of the state building where the New Mexico Oil Conservation Division is located, hearings will be conducted remotely beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <u>https://www.emnrd.nm.gov/ocd/hearing-info/</u>.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Tyler Jolly at (432) 682-3715, or at tjolly@mewbourne.com.

Michael H. Feldewert

ATTORNEY FOR MEWBOURNE OIL COMPANY

T 505.988.4421 F 505.983.6043 110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849 Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208 www.hollandhart.com

Alaska Montana Utah Colorado Nevada Washington, D.C. Idaho New Mexico Wyoming



Michael H. Feldewert Partner Phone (505) 988-4421 mfeldewert@hollandhart.com

October 14, 2022

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If you have any questions about this matter, please contact Tyler Jolly at (432) 682-3715, or at tjolly@mewbourne.com.

Michael H. Feldewert

ATTORNEY FOR MEWBOURNE OIL COMPANY

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Alaska Montana Utah Colorado Nevada Washington, D.C. Idaho New Mexico Wyoming

