CASE NO. 23365

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

EXHIBIT LIST

- 1. Application and Proposed Notice
- 2. Landman's Affidavit
- 3. State Land Office Approval
- 4. Letter of Support
- 5. Geologist's Affidavit
- 6. Affidavit of Mailing
- 7. Certified Notice Spreadsheet
- 8. Affidavit of Publication
- 9. Pooling Checklist

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 23365

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 W/2E/2 of Section 18 and the W/2E/2 of Section 7, Township 21 South, Range 35 East, N.M.P.M., Lea County, New Mexico, and in support thereof, states:

- 1. Applicant is an interest owner in the W/2E/2 of Section 18 and the W/2E/2 of Section 7 (containing 320 acres), and has the right to drill a well thereon.
- 2. Applicant proposes to drill the North Wilson Deep Unit Well No. 8H to a depth sufficient to test the Bone Spring formation, with a first take point in the SW/4SE/4 of Section 18 and a last take point in the NW/4NE/4 of Section 7.
- 3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the W/2E/2 of Section 18 and the W/2E/2 of Section 7 for the purposes set forth herein.
- 4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying the W/2E/2 of Section 18 and the W/2E/2 of Section 7, pursuant to NMSA 1978 §70-2-17.

EXHIBIT

5. The pooling of all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2E/2 of Section 18 and the W/2E/2 of Section 7 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 (Wilson; Bone Spring, North/Pool Code 97704) underlying the W/2E/2 of Section 18 and the W/2E/2 of Section 7;
- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling, completing, testing, 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, testing, 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, Lea County, New Mexico. Mewbourne Oil Company seeks an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2E/2 of Section 18 and the W/2E/2 of Section 7, Township 21 South, Range 35 East, NMPM. The unit will be dedicated to the North Wilson Deep Unit Well No. 8H, with a first take point in the SW/4SE/4 of Section 18 and a last take point in the NW/4NE/4 of Section 7. Also to be considered will be the cost of drilling, completing, testing, 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, testing, and equipping the well. The unit is located approximately 8-1/2 miles west-southwest of Oil Center, 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 COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

Case No. <u>23365</u>

VERIFIED STATEMENT OF ADRIANA SALGADO

Adriana Salgado, being duly sworn upon her 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 worked as a landman for 7 years. I hold a Bachelor of Arts Degree in Humanities from the University of Texas of the Permian Basin. I have 4 years of land work experience with Apache Corporation, prior to working at Mewbourne Oil Company. Collectively, I have 11 years of land work experience.
- 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 formation 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. All interest owners have been located.
 - (c) A plat outlining the unit being pooled is attached hereto as Exhibit 1. Mewbourne seeks an order approving a 320.00-acre horizontal spacing unit in the Bone Spring Formation comprised of the W2E2 of Section 18 and the W2E2 of Section 7, Township 21 South, Range 35 East, NMPM, Lea County, New Mexico. The unit will be dedicated to the North Wilson Deep Unit #8H. There are no depth severances in the Bone Spring Formation.
 - (d) The parties being pooled and their interests are set forth in Exhibit 2. Their current and correct addresses are also set forth.

EXHIBIT 2

- (e) Exhibit 3 contains a summary of contacts with the interest owners, together with copies of the proposal letters sent to them, delivery receipts for each and copies of all email correspondence as listed.
- (f) In order to locate the interest owners, Mewbourne examined the county records, performed internet searches, checked telephone records, and searched pertinent computer searches.
- (g) Mewbourne has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed well.
- (h) Mewbourne has the right to pool the overriding royalty owners in the well unit.
- (i) Exhibit 4 is the Authorization for Expenditure for the proposed well. The estimated cost of the well set forth therein is fair and reasonable, and is comparable to the costs of other wells of similar depth and length drilled in this area Lea County.
- (j) 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 Lea County. Mewbourne requests that these rates be adjusted periodically as provided in the standard COPAS. Accounting Procedure.
- (k) Mewbourne requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (l) Applicant requests that it be designated operator of the well.
- (m) The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.
- (n) The granting of this application is in the interests of conservation and the prevention of waste.

VERIFICATION	V	ER	IFI	CA	TI(N(
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STATE OF TEXAS) ss. COUNTY OF MIDLAND)

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

Adriana Salgado

SUBSCRIBED AND SWORN TO before me this 21st day of February, 2023 by Adriana Salgado.

My Commission Expires:

xpires: 12/4/2079

John Bradley Dunn My Commission Expires 12/09/2023 Notary Public

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210

Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1	API Number	0		² Pool Code 97704	WILSON; BONE SPRING, NORTH					
⁴ Property Coo	de	NORTH WILSON DEEP UNIT 6 Well Numb 8H					Well Number 8H			
7 OGRID 1	NO.	*Operator Name **Revision								
					10 Surface	Location				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/We	est line	County
P	18	21S	35E		205	SOUTH	1230	EAS	ST	LEA
			11]	Bottom H	lole 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/We	est line	County
В	7	21S	35E		100	NORTH	2100	EAS	ST	LEA
2 Dedicated Acres	13 Joint	or Infill 14 (Consolidation	Code 15 (Order No.		8.			

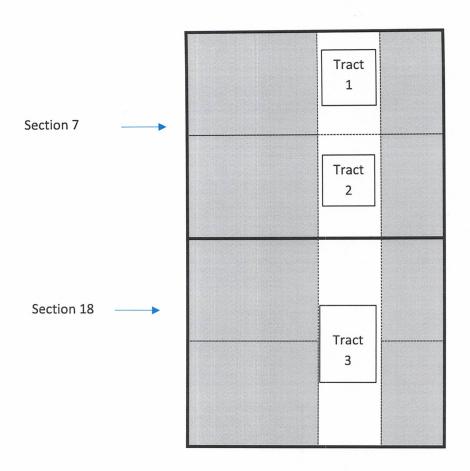
No allowable will be assigned to this completion until d unit has been approved by the division. EXHIBIT 2-1 17 OPERATOR CERTIFICATION 2100 2642.27 by certify that the information contained herein is true and complete LOT 1 to the best of my knowledge and belief, and that this organization either 00.27'04" W 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 00.35 LOT 2 location pursuant to a contract with an owner of such a mineral or working > > CORNER DATA
NAD 83 GRID - NM EAST interest, or to a voluntary pooling agreement or a compulsory pooling C E order heretofore entered by the division A: FOUND 3/4" REBAR N: 536581.8 - E: 824574.8 GEODETIC DATA NAD 83 GRID — NM EAST Signature B: CALCULATED CORNER BOTTOM HOLE 547069.6 - E: 827521.8 N: 541865.4 - E: 824533.8 N 00.27'00" W C: FOUND REBAR W/YELLOW PLASTIC CAP STAMPED "NMPS 676" N: 544507.0 — E: 824513.1 Printed Name LAT: 32.5005309° N 00.33; LONG: 103.4050617° LOT 4 E-mail Address D: FOUND 2" PIPE N: 547148.8 - E: 824492.3 N 89'34'21 (B) 18 SURVEYOR CERTIFICATION (1) E: FOUND 12"X6"X4" LIMESTONE ROCK I hereby certify that the well location shown on this N: 547184.0 - E: 829620.4 IOT 1 GEODETIC DATA
NAD 83 GRID - NM EAST plat was plotted from field notes of actual surveys F: FOUND 1/2" REBAR N: 544544.8 - E: 829645.5 made by me or under my supervision, and that the <u>SURFACE LOCATION</u> 536818.9 – E: 828484.7 G: CALCULATED CORNER N: 541904.6 - E: 829671.3 same is true and correct to the best of my belief. 00'26'41" W 5284.57' LAT: 32.4723344° N LONG: 103.4022291° N LOT 2 H: FOUND 3/4" REBAR N: 536624.0 - E: 829716.2 02/24/2023 Date of Survey I: FOUND 1/2" REBAR N: 541884.0 - E: 827031.5 Signature and Seal of LOT 3 19680 LOT 4 Certificate Number 1230' N 89'31'47" F 5142.36 Job No: LS23020231

Released to Imaging: 9/14/2023 3:39:27 PM

EXHIBIT 2-2

Section Plat

North Wilson Deep Unit #8H W2E2 of Section 18 & W2E2 of Section 7 T21S-R35E, Lea County, NM



<u>Tract 1: W2NE of Section 7 – State Lse. B0-1439</u> <u>Tract 2: W2SE of Section 7 – State Lse. B0-1481</u>

Mewbourne Oil Company

Chevron U.S.A. Inc.

COG Operating LLC

*Devon Energy Production Company, L.P.

Kaiser-Francis Oil Company

*OXY USA WTP Limited Partnership

*OXY USA Inc.

ConocoPhillips Company

SBI West Texas I LLC

*MRC Permian Company

Alpha Energy Partners, LLC

Cimarex Energy Company

Northern Oil and Gas, Inc.

*Earthstone Operating, LLC

Magnum Hunter Production Company

Penroc Oil Corporation

Javeline Partners

Zorro Partners

Tract 3: W2E2 of Section 18 - State Lse. V0-5917

Mewbourne Oil Company

*Devon Energy Production Company, L.P.

*Earthstone Operating, LLC

^{*}Indicates parties being pooled.

Exhibit 2-2

TRACT OWNERSHIP North Wilson Deep Unit #8H W2E2 of Section 7 & W2E2 of Section 18, Township 21 South, Range 35 East Lea County, New Mexico

Bone Spring Formation:

*Devon Energy Production Company, L.P. 333 W. Sheridan Avenue Oklahoma City, Oklahoma 73102	55160%
333 W. Sheridan Avenue Oklahoma City, Oklahoma 73102	
*Farthstone Operating, LLC 18.9	00000%
600 N. Marienfeld, Ste. 1000 Midland, Texas 79701	86043%
Chevron U.S.A. Inc. 7.38 1400 Smith Street Houston, Texas 77002	3369%
Kaiser-Francis Oil Company 2.25 6733 South Yale Ave. Tulsa, Oklahoma 74136	4659%
*OXY USA Inc. 1.31 5 Greenway Plaza, Suite 110 Houston, Texas 77056	.7698%
*MRC Permian Company 1.27 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240	9814%
Magnum Hunter Production Company 0.83 600 N. Marienfeld St., Ste. 600 Midland, Texas 79701	.6320%
*OXY USA WTP Limited Partnership 0.37 5 Greenway Plaza, Suite 110 Houston, Texas 77056	78838%

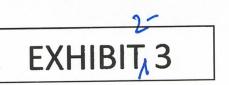
Cimarex Energy Company 600 N. Marienfeld St., Ste. 600 Midland, Texas 79701 0.118099%

Total

100.00000%

*Total interest being pooled:

46.962393%



Summary of Communications North Wilson Deep Unit #8H North Wilson Deep Unit #9H

Company Name: Devon Energy Production Company, LP			
Date:	Communicated with:	Comments/Actions:	
11/21/2022		Mailed well proposals via certified mail.	
11/21/2022		Certified Mail receipt showed successful delivery at 9:10 AM	
11/21/2022		I emailed Verl the proposals and he read the email at 4:39 PM	
11/21/2022		Verl emailed me to let me know who was working this area now.	
11/23/2022		Certified Mail receipt showed successful delivery at 3:43 PM; this	
,,	1 1 1 1	is for the updated AFE proposals.	

Company Na	me: Earthstone Operatin	
Date:	Communicated with:	Comments/Actions:
11/21/2022		Mailed well proposal via certified mail.
11/22/2022		Certified Mail receipt showed successful delivery at 1:34 PM
11/22/2022	Debbie McGee	I emailed Debbie the proposals and she read the email at 7:20 AM
11/22/2022	Debbie McGee	Debbie emailed me and asked for interest information.
11/22/2022	Debbie McGee	I emailed Debbie with interest explanations.
11/22/2022	Debbie McGee	Debbie emailed me asking me technical questions.
11/22/2022	Debbie McGee	I emailed Debbie with responses.
12/8/2022	Amanda Redfearn	Amanda emailed me asking if we would consider a trade with them
		for their interest in this area.
12/8/2022	Amanda Redfearn	I emailed Amanda and told her would always consider a trade and
		asked her to send us an offer.
12/8/2022	Amanda Redfearn	Amanda emailed me to ask about Com Agreements in this area.
12/8/2022	Amanda Redfearn	I emailed Amanda responses.
12/14/2022	Amanda Redfearn	I emailed Amanda to see if they had any offers for us to review.
12/14/2022	Amanda Redfearn	Amanda responded to let me know she will check on team
		evaluations of possible trade options and let me know.
1/3/2023	Amanda Redfearn	I emailed Amanda to inquire on trade options from her team.
1/6/2023	Amanda Redfearn	I emailed Amanda to inquire on trade options from her team.
1/17/2023	Amanda Redfearn	Amanda emailed me to let me know that they couldn't locate
		anything for a beneficial trade on their end. She asked questions
		about these well proposals and stated that they were inclined to
		participate in the wells instead.
1/17/2023	Amanda Redfearn	I emailed responses to Amanda and let her know that our team was
a personal	77. 1	going to send an offer for their review.
1/20/2023	Amanda Redfearn	I emailed Amanda a trade offer in this area.
1/23/2023	Amanda Redfearn	Amanda emailed me to let me know she sent the offer for her team
		to review.
1/31/2023	Amanda Redfearn	I emailed Amanda to follow-up on the offer we sent them.
2/1/2023	Amanda Redfearn	Amanda emailed me to state her team was still reviewing the trade
		offer and area looking to send us a potential counteroffer.

•		
2/10/2023	Amanda Redfearn	Amanda emailed me asking for shape files and maps of from us for
_,,		their counteroffer research.
2/13/2023	Amanda Redfearn	I emailed Amanda to let her know per company policy we cannot
2,13,2020		send her that material, but we can look at any area they'd like for
		us to review.
2/17/2023	Amanda Redfearn	I emailed Amanda to ask how we could move negotiations forward
2,1.,2020		instead of pooling them. I asked if she could please let us know
		what her team decided on our last offer. They never provided us a
		counteroffer as they mentioned.

Company Na	Company Name: Chevron U.S.A. Inc.			
Date:	Communicated with:	Comments/Actions:		
11/21/2022		Mailed well proposals via certified mail.		
11/21/2022		Emailed proposals and I show they read it at 3:18 PM.		
11/30/2022	Scott Sabrsula	Scott emailed me asking how the WI was calculated.		
11/30/2022	Scott Sabrsula	I responded to Scott's email.		
12/5/2022		Certified Mail receipt showed successful delivery at 8:41 PM.		
12/8/2022	Scott Sabrsula	Scott emailed asking about the JOA and requested changes.		
12/8/2022	Scott Sabrsula	I emailed Scott with responses and updated JOA pages.		
1/4/2023	Scott Sabrsula	Scott emailed me to say they are approving the JOA.		
2/21/2023	Scott Sabrsula	I emailed Scott to ask for update on the JOA/AFEs.		
2/21/2023	Scott Sabrsula	Scott responded to tell me that they are going to participate and		
		they are just waiting for signatures on the JOA and hope to have it		
		to us before the hearing on 3/2/23.		

Company Na	Company Name: COG Operating LLC and ConocoPhillips Company			
Date:	Communicated with:	Comments/Actions:		
11/21/2022		Mailed well proposals via certified mail.		
11/23/2022		Emailed proposals/JOA proposal and it was read at 8:24 AM.		
11/29/2022	Idalia Villegas	Idalia emailed me technical questions about these wells.		
11/29/2022	Idalia Villegas	I emailed responses to Idalia for the technical questions.		
12/8/2022	Oliver Cho	Oliver emailed me with a lengthy request for JOA changes.		
1/9/2023	Oliver Cho	Oliver emailed me to ask about their JOA requests.		
1/9/2023	Oliver Cho	I emailed Oliver to let him know we are reviewing their requests.		
1/10/2023	Oliver Cho	Oliver emailed me asking about a pooling hearing date.		
1/17/2023	Oliver Cho	I emailed Oliver with responses to their JOA change requests.		
1/18/2023	Oliver Cho	Oliver emailed me to let me know they were agreeable to our		
		responses and for a SLA to be drafted.		
1/19/2023	Oliver Cho	I emailed Oliver a draft of the SLA.		
2/13/2023	Oliver Cho	Oliver emailed me redlined SLA for our review.		
2/15/2023	Oliver Cho	I emailed Oliver a correction to the previous SLA.		
2/17/2023	Oliver Cho	Oliver emailed me accepting the SLA we sent over.		
2/20/2023	Oliver Cho	Oliver emailed me asking about re-proposals.		
2/21/2023	Oliver Cho	Oliver emailed me to let me know the OA was executed yesterday		
		and their technical team is still evaluating the elections.		

Company Name: Kaiser-Francis Oil Company				
Date:	Communicated with:	Comments/Actions:		
11/21/2022		Mailed well proposals via certified mail.		
11/21/2022		Emailed proposals and I show they read it at 3:28 PM.		
11/23/2022	Brendon Kushernick	Certified mail receipt shows it was received at 3:43 PM.		
11/21/2022	Brendon Kushernick	Brandon emailed me asking about JOA.		
11/21/2022	Brendon Kushernick	I emailed Brendon with responses.		
11/22/2022	Brendon Kushernick	Brendon emailed me about spud dates.		
11/22/2022	Brendon Kushernick	I emailed Brendon with responses.		
2/21/2023	Brendon Kushernick	I emailed Brendon asking for an update on their elections.		
2/21/2023	Brendon Kushernick	Brendon emailed me to let me know that they plan on signing the		
	A STATE OF THE STA	JOA this week.		

Company Na	Company Name: OXY USA WTP Limited Partnership & OXY USA Inc.				
Date:	Communicated with:	Comments/Actions:			
11/21/2022		Mailed well proposals via certified mail.			
11/21/2022		Certified Receipt shows that the mail packet was accepted at the			
		USPS facility at 5:43 PM.			
11/21/2022	Jonathan Gonzales	I emailed the proposals to Jonathan. He forwarded them to			
		Courtney Carr at 3:44 PM.			
11/22/2022	Courtney Carr	Courtney Carr forwarded the proposals to Hannah Eastwood at			
		8:06 AM.			
11/21/2022	Hannah Eastwood	Hannah emailed me with technical questions.			
11/22/2022	Hannah Eastwood	I emailed Hannah with responses to the technical questions.			
11/28/2022	Hannah Eastwood	Hannah emailed me asking questions regarding the JOA.			
11/28/2022	Hannah Eastwood	I emailed Hannah with responses to her last email.			
2/21/2023	Hannah Eastwood	I emailed Hannah to ask for update on the JOA/AFEs.			

Company Name: MRC Permian Company				
Date:	Communicated with:	Comments/Actions:		
11/21/2022	,	Mailed well proposals via certified mail.		
11/23/2022		Certified Mail Receipt shows that it was received at 11:58 PM.		

Company Name: Cimarex Energy Company & Magnum Hunter Production Company				
Date:	Communicated with:	Comments/Actions:		
11/21/2022		Mailed well proposals via certified mail.		
11/22/2022		Certified Mail Receipt shows that it was received at 1:34 PM.		

MEWBOURNE OIL COMPANY

500 West Texas, Suite 1020 Midland, Texas 79701 Phone (432) 682-3715 Fax (432) 685-4170

November 21, 2022

Via: Certified Mail & Email

Earthstone Operating, LLC 600 N. Marienfeld, Suite 1000 Midland, Texas 79701 Attn: Mr. Lenny Wood

Re:

Proposed Horizontal Bone Spring Wells North Wilson Deep Unit #8H North Wilson Deep Unit #9H E2 of Section 7, T21S-R35E E2 of Section 18, T21S-R35E Lea County, New Mexico

Dear Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to drill and operate the following horizontal Bone Spring wells for oil and gas production:

- 1. North Wilson Deep Unit #8H located at a surface location 205' FSL & 1230' FEL of Section 18, with a bottom hole location 100' FNL & 2100' FEL of Section 7, of the above captioned lands. We anticipate drilling to an approximate total vertical depth of 9,896' and plan to continue drilling horizontally to the proposed bottom hole location at an approximate total measured depth of 20,066'. The project area for this well consists of W2E2 of Section 7 and W2E2 of Section 18 in T21S-R35E.
- 2. North Wilson Deep Unit #9H located at a surface location 205' FSL & 1200' FEL of Section 18, with a bottom hole location 100' FNL & 500' FEL of Section 7, of the above captioned lands. We anticipate drilling to an approximate total vertical depth of 9,831' and plan to continue drilling horizontally to the proposed bottom hole location at an approximate total measured depth of 20,019'. The project area for this well consists of E2E2 of Section 7 and E2E2 of Section 18 in T21S-R35E.

Enclosed are Mewbourne's AFEs for the wells, more fully detailing drilling costs. To make your election to participate in the proposed wells, properly execute and return the AFEs to my attention. You will also need to provide your "Well Information" requirements. As a reminder, Mewbourne's AFEs provide all participants the opportunity to opt out of the "Extra Expense Well Control Insurance" that Mewbourne purchases for each well it drills. If you do opt out, you must provide evidence that you have adequate "Well Control Insurance".

To facilitate the drilling of these wells and the development of this project area, Mewbourne proposes forming a working interest unit by signing an Operating Agreement with a Contract Area comprised of the E2 of Section 17 and E2 of Section 18, Township 21 South, Range 35 East, Lea County, New Mexico. Our Joint Operating Agreement (JOA), whereas Mewbourne is listed as Operator, is attached for your review and execution. To make your election to participate in the proposed JOA, properly execute and return the marked signature and acknowledgement pages to my attention. Feel free to contact me if you have any questions. I can be reached by phone at (432) 682-3715 or via email at asalgado@mewbourne.com.

Sincerely,
MEWBOURNE OIL COMPANY

Adriana Jimenez-Salgado Landman

Released to Imaging: 9/14/2023 3:39:27 PM

Adriana Salgado

From: Sent: webmaster@simplecertifiedmail.com Tuesday, November 22, 2022 1:34 PM

To:

Adriana Salgado

Subject:

[EXT] Document Delivered



Document Delivered

A document with a tracking code of 9402836104262052231154 and reference number of North Wilson Deep was successfully delivered to Mr. Lenny Wood at Earthstone Operating LLC

This is an "Advisory Notice" from information provided by the United State Postal Service, and may not accurately reflect the delivery status of the item. Please check the Delivery Information Report in SimpleCertifiedMail.com to ensure the item was "Delivered" and not "Returned"

If you have questions or concerns, please let us know.

Regards,

The Client Services Group-Assistance

SimpleCertifiedMail.com 111 Commonwealth Court, Suite 103 Cary, NC 27511-4447

888-462-1750 ext. 2 | assistance@simplecertifiedmail.com

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Adriana Salgado

From:

Debbie McGee <debbie@earthstoneenergy.com>

To:

Adriana Salgado

Sent:

Tuesday, November 22, 2022 7:20 AM

Subject:

Read: [EXT] Read: NWDU #8H & #9H JOA/Well Proposals

Your message

To:

Subject: [EXT] Read: NWDU #8H & #9H JOA/Well Proposals

Sent: Tuesday, November 22, 2022 1:19:43 PM (UTC+00:00) Monrovia, Reykjavik

was read on Tuesday, November 22, 2022 1:19:37 PM (UTC+00:00) Monrovia, Reykjavik.

MEWBOURNE OIL COMPANY

EXHIBIT 4	MEWBOURNE AUTHORIZATION F									
Well Name: NORTH WILSON D	EEP UNIT COM #8H		Pros	spect: NORTH WILSON DEEP UNIT						
	EL (18); BHL: 100 FNL & 2100 FEL (7))	C	ounty: LEA			ST: NM			
Sec. 18 Blk: Survey			215		E Prop. TVD:	9896	TMD: 20066			
							СС			
	TANGIBLE COSTS 0180			0180-0100	TCP \$10,000	O180-0200				
Regulatory Permits & Surveys Location / Road / Site / Preparation				0180-0105		0180-0205	\$35,000			
Location / Restoration				0180-0106	\$200,000		\$112,50			
Daywork / Turnkey / Footage Drillin		\$29,000/d		0180-0110		0180-0210	\$92,90			
Fuel	1700 gal/day @ \$3.90/gal			0180-0114		0180-0214	\$323,20 \$96,30			
Alternate Fuels				0180-0115		0180-0215	390,30			
Mud, Chemical & Additives Mud - Specialized				0180-0121		0180-0221				
Horizontal Drillout Services						0180-0222	\$200,00			
Stimulation Toe Preparation						0180-0223	\$40,00			
Cementing				0180-0125		0180-0225	\$4,50			
Logging & Wireline Services				0180-0130		0180-0230 0180-0234	\$364,50 \$15,00			
Casing / Tubing / Snubbing Service Mud Logging	9			0180-0134	\$25,000 \$35,000	0180-0234	\$15,00			
Stimulation	50 Stg 19.6 MMgal & 19.6 MM	Mlbs		0100-0101	000,000	0180-0241	\$2,850,00			
Stimulation Rentals & Other					•	0180-0242	\$278,00			
Water & Other				0180-0145		0180-0245	\$448,60			
Bits				0180-0148		0180-0248	\$5,00			
Inspection & Repair Services				0180-0150	\$50,000	0180-0250 0180-0254	\$5,00 \$10,00			
Misc. Air & Pumping Services Testing & Flowback Services				0180-0154	\$12,000	0180-0258	\$24,00			
Completion / Workover Rig				0100 0100	V12,000	0180-0260	\$10,50			
Rig Mobilization				0180-0164	\$120,000					
Transportation				0180-0165		0180-0265	\$74,50			
Welding, Construction, & Maint. Se	ervices			0180-0168		0180-0268	\$15,00			
Contract Services & Supervision Directional Services	last day a disal and a			0180-0170		0180-0270	\$57,70			
Equipment Rental	Includes vertical control			0180-0175 0180-0180	\$393,000 \$194,600	0180-0280	\$21,60			
Well / Lease Legal				0180-0184		0180-0284	021,00			
Well / Lease Insurance				0180-0185		0180-0285				
Intangible Supplies				0180-0188		0180-0288	\$1,00			
Damages				0180-0190		0180-0290	\$10,00			
Pipeline Interconnect & ROW Ease Company Supervision	ements			0180-0192		0180-0292 0180-0295	\$5,00 \$62,40			
Overhead Fixed Rate				0180-0195		0180-0295	\$20,00			
Contingencies 59	% (TCP) 5% (CC)			0180-0199		0180-0299	\$259,10			
		TC	TAL		\$3,018,800		\$5,441,30			
	ANGIBLE COSTS 0181									
Casing (19.1" - 30")				0181-0793			***************************************			
Casing (10.1" - 19.0") Casing (8.1" - 10.0")	1875' - 13 3/8" 54.5# J-55 ST&C @ \$76.30			0181-0794	\$152,800					
Casing (6.1" - 8.0")	5675' - 9 5/8" 40# HCL80 LT&C @ \$60.83 9870' - 7" 29# HPP110 BT&C @ \$59.83/ft			0181-0795	\$368,700 \$630,700					
Casing (4.1" - 6.0")	10500' - 4 1/2" 13.5# HCP-110 CDC-HTQ			0181-0786		0181-0797	\$375,30			
Tubing	9320' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13.60	D/ft				0181-0798	\$135,400			
Drilling Head				0181-0860	\$35,000					
Horizontal Completion Tools	Completion liner hanger					0181-0870	\$30,000			
Subsurface Equip. & Artificial Lift	Packer					0181-0871	\$50,000			
Pumping Unit Systems			-			0181-0880 0181-0885	\$25,000			
Service Pumps	(1/2) TP/CP/circ. pump					0181-0886	\$16,000			
Storage Tanks	(1/2) 6 - 750 bbl/5 - 750 bbl coated/1 - GB					0181-0890	\$203,000			
Emissions Control Equipment Separation / Treating Equipment	(1/2) 2 - VRT/VRU/Flare/3 - KO/AIR					0181-0892	\$137,700			
Automation / Metering Equipment	(1/2) 2 - Hz. Sep./Vt. Sep/2 - Vt. HT Automation/Fiber/Meters					0181-0895	\$98,700			
Oil/Gas Pipeline, Valves, & Misc.	Facility gas work & GL injection					0181-0898	\$89,300 \$30,500			
Water Pipeline, Valves, & Misc.	SWDL pipe/fittings					0181-0906	\$101,200			
On-Site Valves, Fittings, Lines	Flowline & parts				_	0181-0908	\$202,600			
Cathodic Protection Electrical Installation						0181-0909				
Equipment Installation					-	0181-0910	\$238,100			
Oil/Gas Pipeline Construction	Gas line construction		-			0181-0920	\$137,500			
Water Pipeline Construction	SWDL construction			-			\$12,500 \$79,200			
		то	TAL		\$1,187,200		\$1,882,800			
		SUBTO			\$4,206,000					
	TOTAL						\$7,324,100			
Extra Expense Insurance	TOTAL	WELL COS	1		\$11,53	30,100				
I elect to purchase my If neither box is checked above, non-operatin	by Operator's Extra Expense Insurance and Extra Expense Insurance covering costs of war own well control Insurance policy. If you would well to the covered by O H. Buckley	perator's well co	an up a	and redrilling a	s estimated in Line	e Item 0180-	0185.			
Company Approval:			Date:							
Joint Owner Interest:	Amount:									
Joint Owner Name:		Signature								

Adriana Salgado

From: Dawson, Scott <sdawson@slo.state.nm.us>

Sent: Tuesday, April 11, 2023 3:48 PM

To: Adriana Salgado

Subject: [EXT] RE: North Wilson Deep Unit

Hi Adriana,

The Unit Agreement is an pooling agreement only between the SLO and Mewbourne. Earthstone is not a part of the Unit Agreement; therefore, they cannot drill into or beneath the North Wilson Deep Unit.

I am sending this e-mail to Paul Kautz (Hobbs NMOCD) – so he will be aware of this situation. I am also respectfully asking Paul <u>not</u> to approve Earthstone's Outland State Com APD's because they are trying to drill into Mewbourne's unit.

After further review of the complications and development plans with this unit, Mewbourne can drill across the North Wilson Deep Unit boundary. Please try to minimalize the need to drill across the unit boundary in the future for subsequent wells within your unit(s).

We discourage drilling across unit boundaries, but understand and agree to Mewbourne's request for doing so in this case.

If you have any questions, or need further assistance, please contact me.

Thanks,

Scott Dawson

Petroleum Specialist Advanced Units Manager/Geologist Oil, Gas and Minerals Division 505.827.5791 New Mexico State Land Office 310 Old Santa Fe Trail P.O. Box 1148 Santa Fe, NM 87504-1148 sdawson@slo.state.nm.us nmstatelands.org



EXHIBIT



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Devon Energy Center 333 West Sheridan Avenue Oklahoma City, OK 73102-5015

July 18, 2023

MEWBOURNE OIL COMPANY Attention: Adriana Jimenez-Salgado 500 W. Texas Ave., #1020 Midland, Texas 79701

Re: New Mexico Oil Conservation Division

May 2023 Docket Letter of Support

Case Nos. 23365 & 23366

To Whom It May Concern:

Devon Energy Production Company, LP ("Devon") has been notified of Case Nos. 23365 & 23366 filed by Mewbourne Oil Company ("Mewbourne") before the New Mexico Oil Conservation Division ("NMOCD"). Devon is an interested party in Case Nos. 23365 & 23366 as a working interest owner. Case No. 23365 seeks the authorization to drill and complete a producing total of one (1) Bone Spring well on a proposed spacing unit described as the W2E2 of Section 7, and the W2E2 of Section 18, T21S-R35E, Lea County, New Mexico. Case No. 23366 seeks the authorization to drill and complete a producing total of one (1) Bone Spring well on a proposed spacing unit described as the E2E2 of Section 7, and the E2E2 of Section 18, T21S-R35E, Lea County, New Mexico.

23365: Application of Mewbourne Oil Company for compulsory pooling, Lea County, New Mexico. Mewbourne Oil Company seeks an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2E/2 of Section 18 and the W/2E/2 of Section 7, Township 21 South, Range 35 East, NMPM. The unit will be dedicated to the North Wilson Deep Unit Well No. 8H, with a first take point in the SW/4SE/4 of Section 18 and a last take point in the NW/4NE/4 of Section 7. Also, to be considered will be the cost of drilling, completing, testing, 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, testing, and equipping the well. The unit is located approximately 8-1/2 miles west-southwest of Oil Center, New Mexico. 67.

23366: Application of Mewbourne Oil Company for compulsory pooling, Lea County, New Mexico. Mewbourne Oil Company seeks an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the E/2E/2 of Section 18 and the E/2E/2 of Section 7, Township 21 South, Range 35 East, NMPM. The unit will be dedicated to the North Wilson Deep Unit Well No. 9H, with a first take point in the SE/4SE/4 of Section 18 and a last take point in the NE/4NE/4 of Section 7. Also, to be considered will be the cost of drilling, completing, testing, and equipping the well and the allocation of the cost thereof, as well as

Page 1 of 2

EXHIBIT



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, testing, and equipping the well. The unit is located approximately 8-1/2 miles west-southwest of Oil Center, New Mexico.

Devon hereby wishes to declare its support of Mewbourne's position per Case Nos. 23365 & 23366. Devon urges the Commission to approve Mewbourne's request for authorization to drill and complete a producing total of two (2) Bone Spring wells within the E2 of Section 7, and the E2 of Section 18, T21S-R35E, Lea County, New Mexico.

Should you have any questions, please do not hesitate to contact the undersigned.

Regards,

Devon Energy Production Company, LP

Daniel J. Brunsman Advising Landman 405.228.2896

daniel.brunsman@dvn.com

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

APPLICATION OF MEWBOURNE OIL COMPANY FORCOMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

Case No. 23365

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

Case No. 23366

SELF-AFFIRMED STATEMENT OF JORDAN CARRELL

Jordan Carrell 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. I am the geologist for Mewbourne on its North Wilson Deep Unit wells.
 - 3. The following geological plats are attached hereto:
 - (a) Attachment A is a structure map on the base of the 2nd Bone Spring Sand. It shows that structure dips to the southwest. It also shows Bone Spring wells in the area, and a line of cross-section.
 - (b) Mewbourne's proposed proration units collectively cover the E/2 of Sections 7 and 18, Township 21 South, Range 35 East, NMPM. Bone Spring development has already occurred south of Section 18. The E/2 of Section 18 was included in the proration unit so that it didn't have to be developed with 1 mile laterals.
 - (c) Attachment B is a cross section of the 2nd Bone Spring Sand showing the target zone in the North Wilson Deep Unit State Com. Well Nos. 8H and 9H. They will target the lower 2nd Bone Spring Sand. This is the same target zone as in Mewbourne's North Wilson Deep Unit State Com. Well Nos. 3H and 6H. Well Nos. 3H, 4H, 6H, and 7H have already been drilled and completed in the 2nd Bone Spring Sand. Mewbourne has experience drilling in this area.

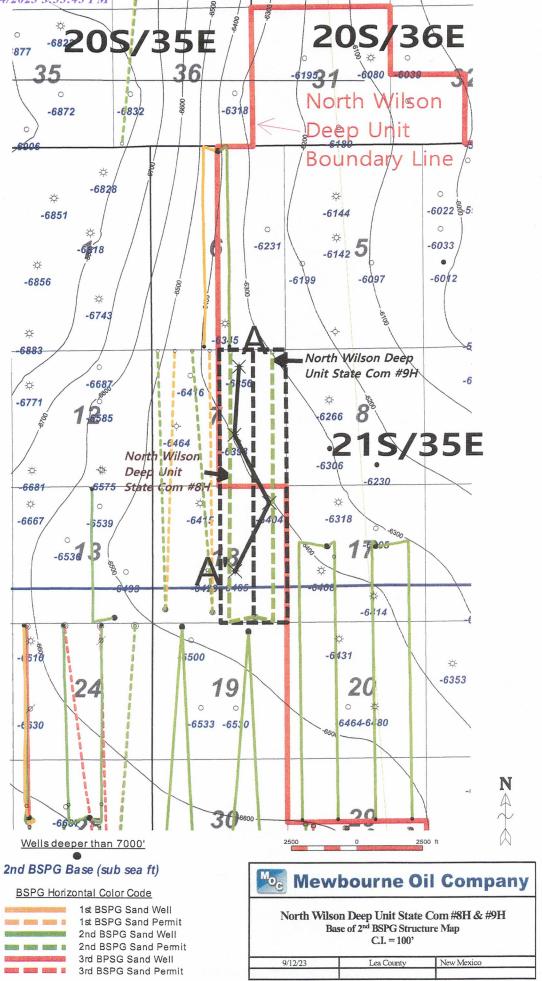
The well logs on the cross-section give a representative sample of the 2nd Bone Spring Sand in this area. The sand is continuous and uniformly thick across the well units.

EXHIBIT 5

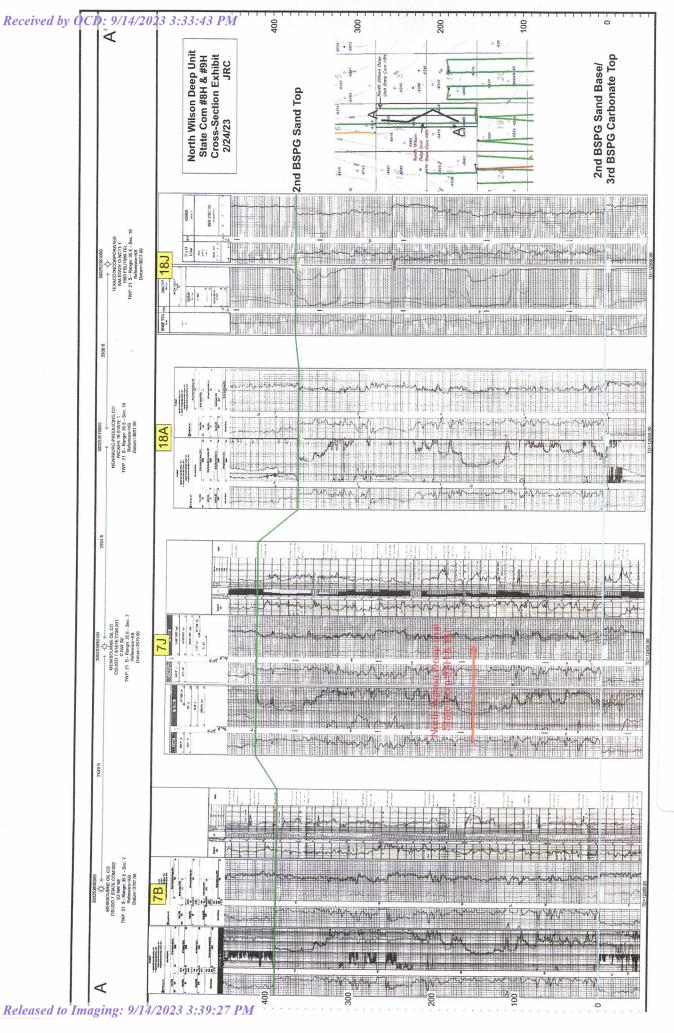
- 4. I conclude from the maps that:
- (a) The proposed horizontal spacing units are justified from a geologic standpoint.
- (b) The target zones are continuous and of relatively uniform thickness across the well units.
- (c) Each quarter-quarter section in the well units will contribute more or less equally to production from the target zone.
- (d) There is no faulting or other geologic impediment in the area which will affect the drilling of the subject wells.
- 5. Attachment C contains the horizontal drilling plans for the proposed wells. The producing intervals of the wells will be orthodox.
- 6. 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 is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 9-12-2023

Gurden Cornell
Jordan Carrell







Mewbourne Oil Company

SURVEY CALCULATION REPORT Minimum Curvature Calculations

Operator: Mewbourne Oil Company

Lease Name: North Wilson Deep Unit State Com #8H

KOP 9448.04

SL: 205 FSL & 1230 FEL Sec 18-21S-35E BHL: 100 FNL & 2100 FEL Sec 7-21S-35E Target KBTVD: Target Angle: 10,021 Feet 10021 00 90.74 Degrees 90 74

Section Plane:

355,07 Degrees 6.63 Degrees

Declination Corrected to True North: 44 Feet Bit to Survey Offset:

+		Á	Ь	n	١.	16
	A	,	U	O	4	,

Survey No	Measured Depth-ft	Drift (Deg)	Azimuth (Deg)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure	Closure	BUR	DLS	KBTVD	+Above -Below Target	DRIFT RADIANS	AZIMUTI (RADIANS	
T/I	9448 04	0.00	355.07	N/A	9448.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	9448.0	573 0			#VALUE!
1	9538 78	9.07	355 07		9538.4	7.2	7.1	-0.6	7.2	355.1	10.0	10.0	9538.5	482.5			0 1583658
2	9629 52	18.15	355 07	90.7369	9626.5	28 5	28 4		28.5	355.1	10.0	10.0	9626.9	394.1			0.1583658
3	9720 25	27.22		90.7369	9710.1	63.5	63.2		63.5	355 1	10.0	10.0	9710.9	310.1			0 1583658
4	9810 99	36 29		90.7369	9787.2	111.2	110.8		111.2	355.1	10.0	10.0	9788.6	163.0	0 63346		0 1583658 0 1583658
5	9901 73	45.37	355 07		9855.8	170 4	169.8		170.4	355.1	10.0	10.0	9858.0 9917.2	103.8			0 1583658
6	9992.46	54.44		90.7369 90.7369	9914.2 9960.9	239.8 317.4	238.9	-20.6 -27.3	239 8 317.4	355.1 355.1	10.0	10.0	9965.0	56.0			0 1583658
8	10083 20 10173 94	63 52 72 59	355 07 355 07		9994.8	401.5	316 3 400 0	-34 5	401.5	355.1	10.0	10.0	9999.9	21.1	1 26693		0 1583658
9	10264 67	81.66	355.07	90.7369	10014.9	489.9	488.1	-42.1	489.9	355.1	10.0	10.0	10021 2	-0.2			0 1583658
10	10355 41	90 74		90.7369	10021.0	580.3	578.2	-49.8	580.3	355 1	10.0	10.0	10028.4	-7.4			0 1583658
11	10400 00	90.74			10020.4	624 9	622.6	-53 7	624.9	355 1	0.0	0.0	10028.4	-7 4		6 20	1E-10
12	10500 00	90 74	355 07	100	10019.1	724.9	722 2	-62.3	724.9	355 1	0.0	0.0	10028.4	-74		6 20	1E-10
13	10600 00	90 74	355 07	100	10017.8	824 9	821.8	-70.9	824 9	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
14	10700.00	90 74	355.07	100	10016.5	924 9	921.5	-79.4	924.9	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
15	10800 00	90.74	355.07	100	10015.2	1024 9	10211	-88.0	1024 9	355.1	0.0	0.0	10028 4	-7.4	1 58366	6 20	1E-10
16	10900.00	90 74	355.07	100	10013.9	11249	1120.7	-96.6	1124.9	355 1	0.0	0.0	10028 4	-7 4	1 58366	6 20	1E-10
17	11000 00	90 74	355.07	100	100127	1224 9	1220.3	-1052	1224 9	355 1	0.0	0.0	10028.4	-74	1 58366	6 20	1E-10
18	11100 00	90 74	355 07	100	100114	1324 9	1320.0	-113 8	1324.9	355 1	0.0	0.0	10028 4	-7 4	1.58366	6 20	1E-10
19	11200 00	90 74	355 07	100	10010.1	1424.8	1419.6		1424 8	355.1	0.0	0.0	10028 4	-7.4	1 58366	6 20	1E-10
20	11300 00	90 74	355.07	100	10008.8	1524 8	1519 2	-131.0	1524.8	355.1	0.0	0.0	10028 4	-74	1 58366	6 20	1E-10
21	11400 00 11500 00	90 74 90 74	355 07 355 07	100	10007.5	1624 8 1724 8	1618.8	-139.6 -148.2	1624 8 1724 8	355.1 355.1	0.0	0.0	10028 4 10028 4	-74 -74	1 58366	6 20	1E-10 1E-10
23	11600 00	90 74	355.07	100	10006.2	1824.8	1718 4 1818 1	-148.2	1824.8	355 1	0.0	0.0	10028.4	-7.4	1 58366 1 58366	6 20	1E-10
24	11700 00	90.74	355 07	100	10003 7	1924.8	1917 7	-165.3	1924.8	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
25	11800 00	90 74	355 07	100	10002 4	2024.8	2017.3	-173.9	2024.8	355.1	0.0	0.0	10028 4	-7.4	1 58366	6 20	1E-10
26	11900 00	90 74	355 07	100	10001.1	2124.8	2116.9	-182.5	2124.8	355.1	0.0	0.0	10028 4	-74	1 58366	6.20	1E-10
27	12000 00	90.74	355 07	100	9999 8	2224 8	2216.6	-1911	2224.8	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
28	12100 00	90 74	355 07	100	9998.5	2324 8	2316.2	-1997	2324.8	355.1	0.0	0.0	10028.4	-74	1 58366	6.20	1E-10
29	12200 00	90.74	355 07	100	9997.2	2424 8	24158	-208.3	2424.8	355 1	0.0	0.0	10028.4	-74	1 58366	6 20	1E-10
30	12300 00	90.74	355 07	100	9995.9	2524 8	2515.4	-2169	2524.8	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
31	12400 00	90 74	355 07	100	9994 7	2624 7	2615.0	-225 4	2624.7	355.1	0.0	0.0	10028 4	-74	1 58366	6 20	1E-10
32	12500.00	90.74	355 07	100	9993.4	2724.7	2714.7	-234.0	2724.7	355 1	0.0	0.0	10028.4	-74	1 58366	6 20	IE-10
33	12600 00	90 74	355 07	100	9992 1	2824 7	2814.3	-242 6	2824.7	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
34	12700 00	90 74	355 07	100	9990 8	2924.7	2913 9	-2512	2924.7	355 1	0.0	0.0 · ·	10028.4	-7.4	1 58366	6 20	1E-10
35 36	12800 00	90.74	355.07	100	9989.5	3024.7	3013 5	-259 8	3024.7	355 1	0.0	0.0	10028 4	-74	1 58366	6 20	1E-10
37	12900 00 13000 00	90 74 90 74	355.07 355.07	100	9988 2 9986.9	3124.7	3113.2	-268.4	3124.7	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
38	13100 00	90 74	355.07	100	9985 7	3224 7 3324 7	3212.8 3312.4	-277.0 -285.6	3224.7 3324.7	355 I 355 I	0.0	0.0	10028.4	-7 4 -7 4	1 58366 1 58366	6 20	1E-10 1E-10
39	13200 00	90 74	355.07	100	9984.4	3424.7	3412.0	-294.2	3424.7	355.1	0.0	0.0	10028 4	-7.4	1 58366	6 20	1E-10
40	13300 00	90 74	355.07	100	9983.1	3524 7	35116	-302.7	3524.7	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	IE-10
41	13400 00	90.74	355 07	100	9981 8	3624.7	36113	-311.3	3624.7	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
42	13500 00	90.74	355.07	100		3724.7	37109		3724.7	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
43	13600 00	90 74	355 07	100	9979 2	3824.6	3810.5	-328.5	3824.6	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
44	13700 00	90 74	355 07	100	9977 9	3924.6	39101	-337 1	3924.6	355.1	0.0	0.0	10028.4	-74	1 58366	6 20	1E-10
45	13800 00	90 74	355 07	100	99767	4024.6	4009.8	-345.7	4024.6	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
46	13900 00	90 74	355 07	100	99754	4124.6	41094	-354 3	4124.6	355.1	0.0	0.0	10028.4	-7.4	1 58366	6.20	1E-10
47	14000 00	90 74	355 07	100	9974.1	4224 6	4209.0	-362 9	4224.6	355.1	0.0	0.0	10028.4		1 58366	6 20	1E-10
48	14100 00	90.74	355.07 355.07	100	9972.8 9971.5			-371 5		355.1	0.0	0.0	10028.4		1 58366	6 20	1E-10
50	14300 00	90 74	355.07	100	9971.3		4408 2 4507 9	-380.0 -388.6		355.1 355.1	0.0	0.0	10028.4		1 58366 1 58366	6 20 6 20	1E-10
51	14400 00	90 74	355.07	100	9968 9		4607.5	-397 2		355 1	0.0	0.0	10028.4		1 58366	6 20	1E-10
52	14500.00	90 74	355 07	100	9967 6		4707 1	-405.8		355.1	0.0	0.0	10028.4		1 58366	6 20	1E-10
53	14600.00	90 74	355 07	100	9966.4		4806 7	-4144		355.1	0.0	0.0	10028.4		1 58366	6 20	IE-10
54	14700 00	90 74	355 07	100	9965 1		4906 4	-423.0		355.1	0.0	0.0	10028.4		1 58366	6 20	1E-10
55	14800 00	90 74	355 07	100	9963.8	5024.5	5006 0	-431.6	5024.5	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
56	14900.00	90 74	355 07	100	9962.5	5124.5	5105.6	-440 2	5124.5	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10



57	15000 00	90 74	355 07	100	9961.2	5224.5	5205.2	-448.8	5224.5	355.1	0.0	0.0	10028 4	-7.4	1.58366	6 20	1E-10
58	15100.00	90 74	355 07	100	9959.9	5324.5	5304 8	-457 3	5324.5	355.1	0.0	0.0	10028.4	-7.4	1 58366	6.20	1E-10
59	15200 00	90 74	355.07	100	9958.6	5424.5	5404.5	-4659	5424.5	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
60	15300 00	90 74	355 07	100	9957 4	5524 5	5504.1	-474.5	5524.5	355 1	0.0	0.0	10028.4	-7.4	1 58366	6.20	1E-10
61	15400 00	90 74	355 07	100	9956 1	5624.5	5603.7	-483 1	5624.5	355.1	0.0	0.0	10028 4	-7.4	1 58366	6 20	1E-10
62	15500.00	90 74	355 07	100	9954.8	5724.5	5703.3	-491.7	5724.5	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
63	15600 00	90 74	355 07	100	9953 5	5824.5	5803.0	-500 3	5824.5	3551	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
64	15700.00	90 74	355 07	100	9952.2	5924.5	5902.6	-508.9	5924.5	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
65	15800.00	90.74	355.07	100	9950.9	6024.5	6002.2	-5175	6024.5	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
66	15900.00	90.74	355 07	100	9949 6	6124.5	6101.8	-526.1	6124.5	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
67	16000 00	90 74	355 07	100	9948 4	6224 4	6201.4	-534.6	6224.4	355 1	0.0	0.0	10028 4	-7.4	1 58366	6 20	1E-10
68	16100.00	90.74	355 07	100	9947 1	6324 4	63011	-543.2		355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
69	16200.00	90 74	355 07	100	9945.8	6424.4	6400.7	-551.8		355.1	0.0	0.0	10028.4	-7.4	1.58366	6 20	1E-10
70	16300 00	90 74	355 07	100	9944 5	6524 4	6500.3	-560 4		355 1	0.0	0.0	10028 4	-7.4	1 58366	6 20	1E-10
71	16400 00	90 74	355 07	100	9943 2	6624.4	6599.9	-569.0		355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
72	16500 00	90 74	355 07		99419	6724 4	6699.6	-577.6		355.1	0.0	0.0	10028 4	-7.4	1 58366	6 20	IE-10
73	16600.00	90.74	355 07	100	9940 6	6824.4	6799.2	-586 2		355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
74	16700 00	90.74	355 07		9939 4	6924 4	6898 8	-594 8		355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
75	16800 00	90 74	355 07		9938 1	7024.4	6998.4	-603.4	7024.4	355.1	0.0	0.0	10028.4	-7 4	1 58366	6 20	1E-10
76	16900 00	90 74	355 07		9936 8	7124.4	7098.0	-611.9		355.1	0.0	0.0	10028.4	-7.4	1 58366	6.20	1E-10
77	17000 00	90.74	355 07		9935 5	7224.4	7197.7	-620.5	7224.4	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
78	17100 00	90 74	355 07	100	9934.2	7324.4	7297.3	-629.1	7324 4	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
79	17200 00	90.74	355 07	100	9932 9	7424 3	7396.9	-637 7	7424.3	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
80	17300 00	90.74	355 07	100	9931 6	7524 3	7496.5	-646.3	7524.3	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
81	17400 00	90.74	355 07	100	9930 4	7624 3	7596.2	-654.9	7624.3	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
82	17500 00	90.74	355 07	100	9929 1	7724 3	7695.8	-663.5	7724.3	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
83	17600 00	90.74	355.07	100	9927.8	7824.3	7795.4	-672.1	7824.3	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
84	17700 00	90.74	355 07	100	9926.5	7924.3	7895.0	-680.6	7924.3	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
85	17800 00	90.74	355 07	100	9925.2	8024.3	7994.6	-689.2	8024 3	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
86	17900 00	90.74	355 07	100	9923.9	8124 3	8094.3	-697.8	8124 3	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
87	18000 00	90 74	355 07	100	9922.6	8224.3	8193 9	-706.4	8224 3	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
88	18100 00	90.74	355 07	100	9921.4	8324.3	8293 5	-715.0	8324.3	355.1	0.0	0.0	10028 4	-7.4	1 58366	6 20	1E-10
89	18200 00	90 74	355 07	100	9920.1	8424 3	8393.1	-723.6	8424.3	355 1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
90	18300 00	90 74	355 07	100	9918.8	8524.3	8492.8	-732.2	8524.3	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
91	18400 00	90 74	355 07	100	9917.5	8624.3	8592.4	-740 8	8624.3	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
92	18500 00	90 74	355 07	100	9916.2	8724.2	8692.0	-749 4	8724.2	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
93	18600 00	90 74	355 07	100	9914 9	8824.2	87916	-757.9	8824.2	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
94	18700 00	90 74	355 07	100	9913.6	8924.2	8891 2	-766 5	8924.2	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
95	18800 00	90.74	355 07	100	9912.3	9024.2	8990.9	-775.1	9024.2	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
96	18900 00	90 74	355 07	100	9911.1	9124.2	9090.5	-783.7	9124.2	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
97	19000.00	90.74	355 07	100	9909.8	9224.2	9190 1	-792.3	9224.2	355.1	0.0	0.0	10028.4	-7.4	1.58366	6 20	1E-10
98	19100.00	90.74	355 07	100	9908.5	9324.2	9289 7	-800 9	9324.2	355.1	0.0	0.0	10028.4		1 58366	6 20	1E-10
99	19200 00	90.74	355 07	100	9907.2	9424.2	9389 4	-809 5	9424.2	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
100	19300.00			100	9905.9	9524.2		-818.1	9524.2	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10
101	19400 CO	90.74	355 07 355 07	100	9903.9		9489 0				0.0	0.0				6 20	1E-10
102				100		9624.2	9588.6	-826.7	9624.2	355.1			10028.4		1 58366		
103	19500.00	90 74	355 07		9903.3	9724 2	9688 2	-835.2	9724.2	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	IE-10
103	19600.00	90.74	355 07	100 100	9902 1 9900 8	9824 2 9924 1	9787.8	-843 8	9824.2 9924.1	355.1	0.0	0.0	10028.4		1 58366	6 20	1E-10
104	19800 00		355.07	100			9887.5	-852.4		355.1	0.0	0.0	10028 4	-7.4	1 58366	6 20	1E-10
106		90 74	355 07		9899.5		9987 1	-861 0		355.1	0.0	0.0	10028.4		1 58366	6 20	1E-10
	19900 00	90.74	355.07	100	9898 2		10086.7	-869 6		355.1	0.0	0.0	10028.4		1 58366	6 20	IE-10
07	20000.00	90.74	355.07	100	9896.9		10186 3	-878.2		355.1	0.0	0.0	10028.4		1 58366	6 20	1E-10
08	20066 62	90.74	355.07	66 6191	9896	10290 7	10252 7	-883.9	10290.7	355.1	0.0	0.0	10028.4	-7.4	1 58366	6 20	1E-10

Mewbourne Oil Company

SURVEY CALCULATION REPORT Minimum Curvature Calculations

Operator: Mewbourne Oil Company Lease Name: North Wilson Deep Unit Sate Com#9H

KOP 9428.04

SL: 205 FSL & 1200 FEL Sec 18-21S-35E BHL: 100 FNL & 500 FEL Sec 7-21S-35E Target KBTVD:

10,001 Feet 10001 00

Target Angle: Section Plane: 91.00 Degrees 91.00

Declination Corrected to True North:

3 83 Degrees

Bit to Survey Offset:

6.63 Degrees 44 Feet

Survey	Measured Depth-ft	Drift (Deg)	Azimuth (Deg)	Course Length	TVD (Feet)	Vertical Section	N/-S (Feet)	+E/-W (Feet)	Distance	Closure Direction	BUR	DLS	KBTVD	-Below Target	DRIFT RADIANS	AZIMUT (RADIAN	
T/I	9428 04	0 00	3.83	N/A	9428 0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	9428 0	573.0	IE-12	0.07	#VALUE
-1	9519 05	9 10	3.83	91.005	9518.7	7 2	72	0.5	7.2	3.8	10.0	10.0	9518.8		0 15883	0.07	0 158834
2	9610 05	18 20	3.83	91.005	9607 0	28.7	28 6	19	28.7	3.8	10.0	10.0	9607.5	393.5	0 31767	0.07	0 158834
3	9701.06	27 30	3.83	91.005	9690 8	63.8	63 7	43	63.8	3.8	10.0	10.0	9692 0	309 0	0 4765	0.07	0 158834
4	9792.06	36 40	3.83	91.005	9768.1	1118	111.5	7.5	111.8	3.8	10.0	10.0	9770.0	2310	0 63533	0 07	0 158834
5	9883.07	45 50	3.83	91.005	9836 7	1714	171.0	114	171.4	3.8	10.0	10.0	9839.7	161.3	0 79417	0 07	0 158834
6	9974.07	54 60	3.83	91.005	9895 1	2411	240.5	16.1	2411	3.8	10.0	10.0	9899.3	101.7	0.953	0.07	0 158834
7	10065 08	63.70	3.83	91.005	9941.7	3191	318.4	21.3	3191	3.8	10.0	10.0	9947 3		111184	0.07	0 158834
8	10156 08	72 80	3.83	91.005	9975.4	403 6	402.7	27.0	403.6	3.8	10.0	10.0	9982 5		1 27067		0 158834
9	10247 09	81 90	3.83	91.005	9995.3	492 3	491 2	32.9	492.3	3.8	10.0	10.0	10003 9	-2.9		0 07	0 158834
10	10338 09	91.00	3.83	91.005	10000 9	583 0	581 7	38.9	583.0	3.8	10.0	10.0	10011.1	-101			0 158834
11	10400 00	91 00	3.83	61.908	9999.8	644.9	643.5	43.1	644.9	3.8	0.0	0.0	10011.1		1 58834	0.07	1E-10
12	10500 00	91 00	3.83	100	9998 1	744 9	743 2	49.8	744 9	3.8	0.0	0.0	10011.1		1 58834	0.07	1E-10
13	10600 00	91 00	3.83	100	9996 3	844.9	843 0	56.4	844 9	3.8	0.0	0.0	10011.1		1 58834	0.07	1E-10
14	10700 00	91 00	3.83	100	9994.6	944.9	942.7	63 1	944.9	3.8	0.0	0.0	10011.1		1 58834	0.07	1E-10
15	10800 00	91 00	3.83	100	9992 8	1044.8	1042 5	69.8	1044.8	3.8	0.0	0.0	100111		1 58834	0.07	1E-10
16	10900 00	91 00	3.83	100	9991.1	1144.8	1142.3	76 5	1144.8	3.8	0.0	0.0	10011.1		1 58834	0.07	1E-10
17	11000 00	91 00	3.83	100	9989.3	1244.8	1242.0	83.2	1244.8	3.8	0.0	0.0	10011.1		1.58834	0.07	1E-10
18	11100 00	91 00	3.83	100	9987 5	1344.8	1341 8	89.8	1344.8	3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10
19	11200 00	91 00	3.83	100	9985 8	1444.8	1441.6	96 5	1444.8	3.8	0.0	0.0	. 10011_1		1 58834	0 07	1E-10
20	11300 00	91 00	3.83	100	9984.0	1544.8	1541.3	103.2	1544 8	3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10
21	11400 00	91 00	3.83	100	9982 3	1644 8	1641 1	109 9	1644 8	3.8	0.0	0.0	100111		1 58834	0 07	1E-10
23	11500 00	91 00	3.83	100	9980 5	1744.7	1740.8	116.6	1744 7	3.8	0.0	0.0	100111		1 58834	0 07	1E-10
24	11600.00	91 00	3.83	100	9978.8	1844.7	1840.6	123.2	1844.7	3.8	0.0	0.0	100111		1 58834	0 07	1E-10
25	11700 00 11800 00	91 00	3.83	100	9977.0 9975.3	1944.7	1940.4 2040.1	129.9	1944.7	3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10 1E-10
26	11900 00	91 00	3.83	100	9973 5	2144.7	2139.9	136.6	2144.7	3.8	0.0	0.0	10011.1	-10.1	1 58834	0.07	1E-10
27	12000 00	91 00	3.83	100	9971.8	2244.7	2239 6	150.0	2244 7	3.8	0.0	0.0	10011.1	-10.1	1 58834	0.07	1E-10
28	12100 00	91 00	3.83	100	9970.0	2344.6	2339.4	156.6	2344.6	3.8	0.0	0.0	100111	-10.1	1 58834	0.07	1E-10
29	12200 00	91 00	3.83	100	9968 3	2444.6	2439.2	163.3	2444 6	3.8	0.0	0.0	10011.1	-10.1	1 58834	0.07	1E-10
30	12300 00	91.00	3.83	100	9966 5	2544.6	2538.9	170.0	2544.6	3.8	0.0	0.0	10011.1	-10.1	1 58834	0.07	1E-10
31	12400 00	91 00	3.83	100	9964.7	2644.6	2638.7	176.7	2644.6	3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10
32	12500 00	91 00	3.83	100	9963 0	2744 6	2738.5	183 4	2744.6	3.8	0.0	0.0	10011.1	-10.1	1 58834	0.07	1E-10
33	12600 00	91 00	3.83	100	9961.2	2844.6	2838.2	190.0	2844.6	3.8	0.0	0.0	10011.1	-10.1	1 58834	0 07	1E-10
34	12700 00	91 00	3.83	100	9959 5	2944 6	2938.0	196 7	2944.6	3.8	0.0	0.0	100111	-10.1	1 58834	0 07	1E-10
35	12800 00	91 00	3.83	100	9957.7	3044 5	3037 7	203.4	3044.5	3.8	0.0	0.0	100111		1 58834	0 07	1E-10
36	12900 00	91.00	3.83	100	9956 0	3144 5	3137 5	210 1	3144.5	3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10
37	13000 00	91.00	3.83	100	9954 2	3244.5	3237 3		3244.5	3.8	0.0	0.0	100111		1 58834	0.07	1E-10
38	13100 00	91 00	3.83	100	9952 5	3344.5	3337 0	223 4	3344.5	3.8	0.0	0.0	100111		1 58834	0.07	1E-10
39	13200.00	91 00	3.83	100	9950.7	3444 5	3436 8	230 1	3444.5	3.8	0.0	0.0	100111		1 58834	0.07	IE-10
40	13300 00	91 00	3.83	100	9949 0	3544 5	3536.5	236.8	3544 5	3.8	0.0	0.0	10011.1		1 58834	0.07	1E-10
41	13400 00	91 00	3.83	100	9947 2	3644 4	36363	243 5	3644.4	3.8	0.0	0.0	100111	-10.1	1 58834	0.07	1E-10
42	13500 00	91 00	3.83	100	9945 5	3744 4	3736 1	250 2	3744.4	3.8	0.0	0.0	100111	-101	1 58834	0 07	1E-10
43	13600 00	91.00	3.83	100	9943.7	3844.4	3835 8	256 8	3844.4	3.8	0.0	0.0	100111	-10 I	1 58834	0.07	1E-10
44	13700 00	91 00	3.83	100	99419	3944.4	3935.6	263.5	3944.4	3.8	0.0	0.0	10011.1	-10.1	1 58834	0.07	1E-10
45	13800 00	91 00	3.83	100	9940.2	4044.4	4035.3	270 2	4044.4	3.8	0.0	0.0	100111	-101	1 58834	0.07	1E-10
46	13900 00	91 00	3.83	100		4144.4	4135.1	276.9		3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10
47	14000 00	91 00	3.83	100	9936.7		4234 9	283.6		3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10
48	14100 00	91 00	3.83	100	9934 9		4334.6	290.2		3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10
49 50	14200 00	91.00	3.83	100	9933.2		4434.4	296.9		3.8	0.0	0.0	. 10011.1		1 58834	0 07	1E-10
51	14300.00	91.00	3.83	100	9931.4		4534.2	303.6		3.8	0.0	0.0	10011.1		1 58834	0.07	1E-10
52	14400 00 14500 00	91.00	3.83	100	9929.7 9927.9		4633.9	310.3		3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10
53	14600.00	91.00	3.83	100	9927.9		4733.7 4833.4	323.6		3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10 1E-10
54	14700.00	91.00	3.83	100	9920.2		4933.2	330 3		3.8	0.0	0.0	10011.1		1 58834	0 07	1E-10
	14800.00	91.00	3.83	100	9922.7		5033.0	337.0		3.8	0.0	0.0	100111		1 58834	0 07	1E-10
	14900.00	91,00	3.83	100	9920.9		5132.7	343.7		3.8	0.0	0.0	100111		1 58834	0.07	1E-10

57	15000 00	91.00	3.83	100	9919.1	5244.2	5232 5	350.4	5244.2	3.8	0.0	0.0	10011_1	-10.1	1 58834	0.07	1E-10
58	15100 00	91.00	3.83	100	9917.4	5344.2	5332 2	357.0	5344.2	3.8	0.0	0.0	10011.1	-10.1	1 58834	0.07	1E-10
59	15200 00	91.00	3.83	100	9915.6	5444.2	5432.0	363,7	5444.2	3.8	0.0	0.0	10011.1	-10.1	1 58834	0 07	1E-10
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61	15400 00	91.00	3.83	100	9912.1	2000 0000		377.1	5644.1	3.8	0.0	0.0	10011.1	-10.1	1 58834	0.07	1E-10
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65	15800 00	91.00	3.83	100	9905 1	6044.1	6030.6	403.8	6044.1	3.8	0.0	0.0	10011.1	-10 1	1 58834	0 07	1E-10
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68	16100.00	91.00	3.83	100	9899.9	6344.0	6329.9	423.8	6344.0	3.8	0.0	0.0	10011.1	-10.1	1 58834	0 07	1E-10
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76	16900 00	91.00	3.83	100	9885.8	7143.9	7127.9	477.3	7143.9	3.8	0.0	0.0	10011.1	-101	1 58834	0.07	1E-10
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89	18200 00	91.00	3.83	100	9863 0	8443.7	8424.8	564.1	8443.7	3.8	0.0	0.0	10011.1	-10.1	1 58834	0 07	1E-10
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94	18700 00	91 00	3.83	100	9854.3	8943.6	8923.6	597.5	8943.6	3.8	0.0	0.0	100111	-101	1 58834	0.07	1E-10
95	18800 00	91 00	3.83	100	9852 5	9043.6	9023 4	604.2	9043 6	3.8	0.0	0.0	100111	-10.1	1 58834	0.07	1E-10
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97	19000.00	91 00	3.83	100	9849 0	9243.6	9222.9	617.5	9243.6	3.8	0.0	0.0	10011.1	-10.1	1 58834	0.07	1E-10
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101	19400 00	91 00	3.83	100	9842 0	9643.5	9622.0	644.3	9643.5	3.8	0.0	0.0	100111	-10.1	1 58834	0.07	1E-10
102	19500,00	91 00	3.83	100	9840.2	9743 5	97217	650.9	9743.5	3.8	0.0	0.0	100111	-10.1	1 58834	0.07	1E-10
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107	20000 00	91 00	3.83	100			10220.5	684.3 1		3.8	0.0	0.0	100111		1 58834	0 07	1E-10
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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, LEA COUNTY, NEW MEXICO.

Case No. 23365 & 23366

SELF-AFFIRMED STATEMENT OF NOTICE

COUNTY OF SANTA FE)
STATE OF NEW MEXICO)
James Bruce deposes and states:
1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the applications filed herein.
4. Notice of the applications was provided to the interest owners, at their last known addresses, by certified mail. Copies of the notice letter and certified return receipts are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.
I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below. Date: James Bruce
EVIJIDIT 6
EARIBIT

JMES 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

February 8, 2023

To: Persons Listed on Exhibit A

Ladies and gentlemen:

EXHIBIT 6.

Enclosed are copies of two applications for compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company, seeking to pool all uncommitted mineral interest owners in the Bone Spring formation underlying the following horizontal well units:

- (a) Case No. 23365: Mewbourne Oil Company seeks an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2E/2 of Section 18 and the W/2E/2 of Section 7, Township 21 South, Range 35 East, NMPM. The unit will be dedicated to the North Wilson Deep Unit Well No. 8H, with a first take point in the SW/4SE/4 of Section 18 and a last take point in the NW/4NE/4 of Section 7.
- (b) Case No. 23366: Mewbourne Oil Company seeks an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the E/2E/2 of Section 18 and the E/2E/2 of Section 7, Township 21 South, Range 35 East, NMPM. The unit will be dedicated to the North Wilson Deep Unit Well No. 9H, with a first take point in the SE/4SE/4 of Section 18 and a last take point in the NE/4NE/4 of Section 7.

These matters are scheduled for hearing at 8:15 a.m. on Thursday, March 2, 2023. During the current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To view the hearing docket and to determine how to participate in an electronic hearing, go to https://www.emnrd.nm.gov/ocd/hearing-info/, or contact Marlene Salvidrez at Marlene.Salvidrez@emnrd.nm.gov. You are not required to attend this hearing, but as an owner of an interest who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting this matter at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date. This statement may be filed online with the Division at ocd.hearings@emnrd.nm.gov, and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need

to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,

James Bruce

Attorney for Mewbourne Oil Company

EXHIBIT A

Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002 Attn: Mr. Scott Sabrsula

COG Operating LLC ConocoPhillips Company 600 W. Illinois Ave. Midland, TX 79701 Attn: Land Manager

Devon Energy Production Company, LP 333 W. Sheridan Ave. Oklahoma City, OK 73102 Attn: Mr. Verl Brown

Kaiser-Francis Oil Company 6733 South Yale Ave. Tulsa, Oklahoma 74136 Attn: Brendon Kushernick

OXY USA WTP Limited Partnership OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston, Texas 77046 Attn: Jonathan Gonzales

MRC Permian Company 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240 Attn: Mr. David Johns and/or Mr. Nick Weeks

Cimarex Energy Company Magnum Hunter Production Company 600 N. Marienfeld St., Suite 600 Midland, TX 79701 Attn: Mr. Dylan Park

Earthstone Operating, LLC 600 N. Marienfeld, Suite 1000 Midland, Texas 79701 Attn: Mr. Lenny Wood

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CASE NOS. 23365 & 23366

STATUS OF CERTIFIED NOTICE

INTEREST OWNER	MAILING DATE	RECEIPT DATE	CARD RETURNED
Chevron U.S.A. Inc.	2/8/23	2/16/23	Yes
COG Operating LLC and ConocoPhillips Company	2/8/23	Unknown	Yes
Devon Energy Production Company, L.P.	2/8/23	2/16/23	Yes
Kaiser-Francis Oil Company	2/8/23	2/27/23	Yes
OXY USA WTP Limited Partnership, and OXY USA Inc.	2/8/23	2/16/23	Yes
MRC Permian Company	2/8/23	2/15/23	Yes
Cimarex Energy Company and Magnum Hunter Production Company	2/8/23	2/13/23	Yes
Earthstone Operating, LLC	2/8/23	Not returned	No

EXHIBIT

Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated February 09, 2023 and ending with the issue dated February 09, 2023.

Publisher

Sworn and subscribed to before me this 9th day of February 2023.

Business Manager

My commission expires January 29, 2027

(Seal)

STATE OF NEW MEXICO
NOTARY PUBLIC
GUSSIE RUTH BLACK
COMMISSION # 1087526
COMMISSION EXPIRES 01/29/2027

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE February 9, 2023

To: Chevron U.S.A. Inc., COG Operating LLC, ConocoPhillips Company, Devon Energy Production Company, L.P., Kaiser-Francis Oil Company, OXY USA WTP Limited Partnership, OXY USA Inc., MRC Permian Company, Cimarex Energy Company, Magnum Hunter Production Company, and Earthstone Operating, LLC, or your heirs, devisees, successors, or assigns: Mewbourne Oil Company has filed the following applications with the New Mexico Oil Conservation Division seeking orders pooling the following horizontal spacing units:

(a) Case No. 23365: Mewbourne Oil Company seeks an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the W/2E/2 of Section 18 and the W/2E/2 of Section 7, Township 21 South, Range 35 East, NMPM. The unit will be dedicated to the North Wilson Deep Unit Well No. 8H, with a first take point in the SW/4SE/4 of Section 18 and a last take point in the NW/4NE/4 of Section 7.

(b) Case No. 23366: Mewbourne Oil Company seeks an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the E/2E/2 of Section 18 and the E/2E/2 of Section 7, Township 21 South, Range 35 East, NMPM. The unit will be dedicated to the North Wilson Deep Unit Well No. 9H, with a first take point in the SE/4SE/4 of Section 18 and a last take point in the NE/4NE/4 of Section 7.

EXHIBIT

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01101711

JAMES BRUCE JAMES BRUCE, ATTORNEY AT LAW P.O. BOX 1056 SANTA FE, NM 87504

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 23365	APPLICANT'S RESPONSE
Date: September 21, 2023	
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/OGRID 14744
Applicant's Counsel:	James Bruce
Case Title:	Application of Mewbourne Oil Company for Compulsory Pooling, Lea County, New Mexico
Entries of	
Appearance/Intervenors:	
Well Family	North Wilson Deep Unit Bone Spring wells
Formation/Pool	
Formation Name(s) or Vertical	Bone Spring
Extent:	
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring formation
Pool Name and Pool Code:	Wilson; Bone Spring, North/Pool Code 97704
Well Location Setback Rules:	Statewide Rules for horizontal wells – 330' and 100' setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	South-North
Description: TRS/County	W/2E/2 §18 and W/2E/2 §7, Township 21 South, Range 35 East, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non- standard unit requested in this	Yes EXHIBIT
application?	
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	N

description	F. hihit 2.2
Applicant's Ownership in Each Tract	Exhibit 2-2
Well(s)	
Name & API (if assigned),	Add wells as needed
surface and bottom hole	
location, footages, completion	
target, orientation, completion status (standard or non-	
standard)	
Well #1	North Wilson Deep Unit Well No. 8H
	API No. 30-025-Pending
	SHL: 205 FSL & 1230 FEL §18
	BHL: 100 FNL & 2100 FEL §7
	FTP: 100 FSL & 2100 FEL §18 LTP: 100 FNL & 2100 FEL §7
	LIF. 100 FNL & 2100 FLL 9/
	Second Bone Spring/TVD 9896 feet/MD 20066 feet
Well #2	
Horizontal Well First and Last	See above
Take 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 plus 200%
Notice of Hearing Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of	LAMBIL I
Hearing (20 days before hearing)	Exhibit 6
Proof of Published Notice of	
Hearing (10 days before hearing)	Exhibit 8
Ownership Determination	
Land Ownership Schematic of	Evhibit 2.2
the Spacing Unit Tract List (including lease	Exhibit 2-2
numbers and owners)	Exhibit 2-2
If approval of Non-Standard	
Spacing Unit is requested, Tract	
List (including lease numbers	7.35 (1)

and owners) of Tracts subject to	
notice requirements.	
Pooled Parties (including	
ownership type)	Exhibit 2-2; Working Interest Owners
Unlocatable Parties to be Pooled	Yes
Ownership Depth Severance	
(including percentage above &	
below)	No Depth Severance
Joinder	
Sample Copy of Proposal Letter	Exhibit 2-3
List of Interest Owners (i.e.	
Exhibit A of JOA)	Exhibit 2-2
Chronology of Contact with	
Non-Joined Working Interests	Exhibit 2-3
Overhead Rates In Proposal	
Letter	
Cost Estimate to Drill and	
Complete	Exhibit 2-4
Cost Estimate to Equip Well	Exhibit 2-4
Cost Estimate for Production	
Facilities	Exhibit 2-4
Geology	
Summary (including special	
considerations)	Exhibit 3
Spacing Unit Schematic	Exhibits 2-2 and 3-A
Gunbarrel/Lateral Trajectory	EXHIBITS 2-2 and 3-A
Schematic	Exhibit 3-B
Well Orientation (with	
rationale)	South-North; Exhibits 3 and 3-A
Target Formation	Second Bone Spring Sand
HSU Cross Section	Exhibit 3-B
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit 2-1
Tracts	Exhibit 2-2
Summary of Interests, Unit	Evhibite 2.2
Recapitulation (Tracts)	Exhibits 2-2
General Location Map (including basin)	Exhibit 3-A
Well Bore Location Map	Exhibit 2-1
Structure Contour Map - Subsea	EXHIBIT Z-T
Depth	Exhibit 3-A
Dehtii	LAHIDIL 3-A

Cross Section Location Map (including wells)	Exhibit 3-B
Cross Section (including Landing Zone)	Exhibit 3-C
Additional Information	
Special Provisions/Stipulations	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party	
Representative):	James Bruce ~
Signed Name (Attorney or Party Representative):	James Pluce
Date:	September 12, 2023