

CASE NO. 23689

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

EXHIBITS

1. Application and Proposed Notice
2. Landman's Affidavit
3. Geologist's Affidavit
4. Affidavit of Notice
5. Certified Notice Spreadsheet
6. Affidavit of Publication
7. Pooling Checklist

Part I of II

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION**APPLICATION OF MEWBOURNE OIL COMPANY
FOR COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**Case No. 23689**APPLICATION**

Mewbourne Oil Company applies for an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2N/2 of Section 3 and the S/2N/2 of Section 4, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico, containing 320 acres, and in support thereof, states:

1. Applicant is an interest owner in the S/2N/2 of Section 3 and the S/2N/2 of Section 4, and has the right to drill a well thereon.
2. Applicant proposes to drill the Judge 3/4 B3HE Fed. Com. Well No. 1H to a depth sufficient to test the Bone Spring formation (Parkway; Bone Spring Pool/Pool Code 49622), with a first take point in the SE/4NE/4 of Section 3 and a last take point in SW/4NW/4 of Section 4.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the S/2N/2 of Section 3 and the S/2N/2 of Section 4 for the purposes set forth herein.
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Bone

EXHIBIT 1

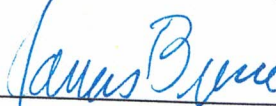
Spring formation underlying the S/2N/2 of Section 3 and the S/2N/2 of Section 4, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all mineral interest owners in the Bone Spring formation underlying the S/2N/2 of Section 3 and the S/2N/2 of Section 4 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted mineral interest owners in the Bone Spring formation underlying the S/2N/2 of Section 3 and the S/2N/2 of Section 4;
- 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, Eddy County, New Mexico.

Mewbourne Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2N/2 of Section 3 and the S/2N/2 of Section 4, Township 20 South, Range 29 East, NMPM. The unit will be dedicated to the Judge 3/4 B3HE Fed. Com. Well No. 1H, with a first take point in the SE/4NE/4 of Section 3 and a last take point in the SW/4NW/4 of Section 4. 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 17-1/2 miles east-southeast of Lakewood, New Mexico.

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

**IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION FOR
THE PURPOSE OF CONSIDERING:**

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

Case No. 23689

SELF-AFFIRMED STATEMENT OF BRAXTON BLANDFORD

Braxton Blandford, being duly sworn upon his oath, deposes and states:

1. I am a landman for Mewbourne Oil Company ("Mewbourne"), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.
2. Pursuant to Division Rules, the following information is submitted in support of this application.
3. The purpose of this application is to force pool uncommitted interest owners into the standard Bone Spring horizontal spacing unit described below.
4. Mewbourne seeks an order pooling uncommitted working interest owners and Record Title owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2N/2 of Section 3 and the S/2N/2 of Section 4, Township 20 South, Range 29 East, NMPM. The unit will be dedicated to the Judge 3/4 B3HE Fed. Com. Well No. 1H.
5. There is no depth severance in the Bone Spring formation.
6. A plat outlining the unit being pooled is submitted as Attachment 2-A. A Form C-102 for the well is part of Attachment 2-A.
7. The tracts in the unit, the leases, and the parties being pooled and their interests, are set forth in Attachment 2-B. The persons being pooled are listed on Attachment 2-C.
8. 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. In order to locate the interest owners Mewbourne searched the federal and county records, performed internet searches, checked telephone records, and searched Accurint and Whitepages.

EXHIBIT

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9. Attachment 2-D contains a sample copy of the proposal letters sent to the interest owners being pooled. It also contains a summary of communications with the parties. Mewbourne has made a good faith effort to locate and obtain the voluntary joinder of the working interest owners in the proposed wells.

10. Attachment 2-E contains the Authorization for Expenditure for the proposed well. The estimated cost of the well set forth therein is fair and reasonable, and comparable to the cost of other wells of similar depth and length drilled in this area of Eddy County.

11. Mewbourne requests overhead and administrative rates of \$8000/month for a drilling well and \$800/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this portion of Eddy County. They are also the rates set forth in the Joint Operating Agreement for the well unit. Mewbourne requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

12. Mewbourne requests that the maximum cost plus 200% risk charge be assessed against a non-consenting working interest owner.

13. Mewbourne requests that it be designated operator of the well.

14. The attachments to this affidavit were prepared by me or under my supervision, or compiled from company business records.

15. Granting this application is in the interests of conservation and the prevention of waste.

I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 15 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date:

9/14/2023

Braxton Blandford

Braxton Blandford

The map displays the locations of surface and bottom holes within a study area. The study area is outlined in green. A red line represents the boundary of the study area. The map shows the locations of surface holes (01, 02, 03, 04) and bottom holes (01, 02, 03, 04). The map also shows the locations of the surface and bottom holes relative to the study area boundary. The map includes a scale bar indicating 3336 ft. The map also shows the locations of the surface and bottom holes relative to the study area boundary. The map includes a scale bar indicating 3336 ft.

ATTACHMENT 2.A

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-53851	² Pool Code 49622	³ Pool Name PARKWAY; BONE SPRING
⁴ Property Code 334098	⁵ Property Name JUDGE 3/4 B3HE FED COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 3316'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
H	3	20S	29E		1690	NORTH	250	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	4	20S	29E		1850	NORTH	100	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	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.

<p>¹⁶</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 584038.4 - E: 627043.6 LAT: 32.6052652° N LONG: 104.0550081° W BOTTOM HOLE N: 583899.9 - E: 616799.7 LAT: 32.6049537° N LONG: 104.0882752° W</p> <p>CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1916" N: 580365.0 - E: 616706.0 B: FOUND BRASS CAP "1916" N: 583011.3 - E: 616701.2 C: FOUND BRASS CAP "1916" N: 585749.7 - E: 616696.7 D: FOUND BRASS CAP "1916" N: 585732.8 - E: 621973.1 E: FOUND BRASS CAP "1916" N: 585727.8 - E: 627298.2 F: FOUND BRASS CAP "1916" N: 583042.4 - E: 627290.7 G: FOUND BRASS CAP "1916" N: 580395.9 - E: 627283.8</p> <p>H: FOUND BRASS CAP "1916" N: 580392.7 - E: 624633.9 I: FOUND BRASS CAP "1916" N: 580390.8 - E: 621985.4 J: FOUND BRASS CAP "1916" N: 580378.3 - E: 619346.4 K: FOUND BRASS CAP "1916" N: 583032.9 - E: 621979.1</p> <p>LOT 4 (42.90 Ac.) LOT 3 (42.57 Ac.) LOT 2 (42.25 Ac.) LOT 1 (41.92 Ac.) LOT 4 (41.72 Ac.) LOT 3 (41.66 Ac.) LOT 2 (41.58 Ac.) LOT 1 (41.52 Ac.)</p> <p>B.H. S.L. LTP 1850' FNL & 100' FWL FTP 1850' FNL & 100' FEL PROJECT AREA PRODUCING AREA</p>	<p>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.</p> <p><i>Bradley Bishop</i> 4-21-21 Signature Date BRADLEY BISHOP Printed Name BBISHOP@MEWBOURNE.COM E-mail Address</p> <p>¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>08-11-2020 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number</p> <p>ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR</p> <p>LS20080352</p>
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Section Plat	
Judge 3/4 B3AD Fed Com #1H Judge 3/4 B3HE Fed Com #1H Judge 3/4 B3HL Fed Com #1H Judge 3/4 B3FM Fed Com #1H Sections 3 & 4, T20S, R29E Eddy County, New Mexico	
Section 4	Section 3
Tract 4	Tract 3
Tract 5	Tract 2
Tract 6	Tract 1
Tract 7	

Tract 1: S/2 of Section 3- Fed Lease(s) NMNM-011962, NMNM 0209083, and NMNM-027801

Mewbourne Oil Company
 COG Operating, LLC
 Great Western Drilling, Ltd.
 WPX Energy Permian, LLC
 RKC, Inc.
 TXLA Oil and Gas, LLC
 Veronica Olson Continuation Trust
 Devon Energy Production Co., LP
 Ann E. Creamer, Trustee of the Dean Family Trust established under the
 will of Hal Stone Dean, deceased
 Dalton H. Cobb, Jr.

Tract 2: S/2N/2 of Section 3-Fed Lease(s) NMNM-027801

Mewbourne Oil Company
 COG Operating, LLC
 Great Western Drilling, Ltd.
 WPX Energy Permian, LLC
 RKC, Inc.
 TXLA Oil and Gas, LLC

Tract 3: N/2N/2 of Section 3-Fed Lease(s) NMNM-059381 and NMNM-027801

Colgate Production, LLC
 ConocoPhillips Company
 COG Operating, LLC
 WPX Energy Permian, LLC
 Diane Danish
 Sarah Schreiber
 Suzanne Schreiber

Tract 4: N/2N/2 of Section 4-Fed Lease(s) NMNM-0209083

Mewbourne Oil Company
 Magnum Hunter Production, Inc.
 Gahr Energy Company
 Mark L. Shidler, Inc.
 Canterra Resources Partners, Ltd.
 WPX Energy Permian, LLC
 Axis Energy Corporation
 Vrooman Energy, LLC
 Rick and Dee Ann Carlisle

ATTACHMENT 2-B

Tract 5: S2N2 of Section 4 - Fed Lease(s) NMNM-059382, NMNM-011607, NMNM-011962, and

Mewbourne Oil Company
 Magnum Hunter Production, Inc.
 Gahr Energy Company
 Mark L. Shidler, Inc.
 Durango Production Corporation
 Camterra Resources Partners, Ltd.
 Dalton H. Cobb, Jr.
 WPX Energy Permian, LLC
 Axis Energy Corporation
 Vrooman Energy, L.L.C.
 Rick and Dee Ann Carlisle
 Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust
 Giles Energy, Inc.
 Finley Production Co., LP

Grasslands Energy LP
 RKC, Inc.

Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan

Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust
 Sara Elizabeth Baker and Anthony M. Baker Trust
 Northern Oil & Gas, Inc.
 TXLA Oil and Gas, LLC
 Viola Elaine Barnes
 Christine B. Molycka

Julie Ellen Barnes

Steven Clement Barnes
 TTCZ Properties, LLC

Ann E. Creamer, Trustee of the Dean Family Trust established under the will of Hal Stone Dean, deceased
 Veronica Olson Continuation Trust
 Mill Neck Associates

Heritage Trust Company of New Mexico, Trustee of the Josephine Laughlin Living Trust, By and through its Agent, Douglas Buchanan

C-W Flow, LLC

Tract 7: S2S2 of Section 4 - Fed Lease(s) NMNM-011962 and NMNM-014698

Mewbourne Oil Company

Magnum Hunter Production, Inc.

Gahr Energy Company

Veronica Olson Continuation Trust
 Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust

Giles Energy, Inc.
 Finley Production Co., LP
 Grasslands Energy LP
 RKC, Inc.
 TXLA Oil and Gas, LLC
 Dalton H. Cobb, Jr.

Ann E. Creamer, Trustee of the Dean Family Trust established under the will of Hal Stone Dean, deceased

Durango Production Corporation
 Northern Oil & Gas, Inc.

Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan

Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust
 Sara Elizabeth Baker and Anthony M. Baker Trust
 Mill Neck Associates

Heritage Trust Company of New Mexico, Trustee of the Josephine Laughlin Living Trust, By and through its Agent, Douglas Buchanan
 C-W Flow, LLC

Tract 6: N2S2 of Section 4 - Fed Lease(s) NMNM-011962 and NMNM-014698

Mewbourne Oil Company
 Magnum Hunter Production, Inc.
 Gahr Energy Company
 Mark L. Shidler, Inc.
 Durango Production Corporation

Camterra Resources Partners, Ltd.

Ann E. Creamer, Trustee of the Dean Family Trust established under the will of Hal Stone Dean, deceased
 WPX Energy Permian, LLC

Axis Energy Corporation
 Vrooman Energy, L.L.C.
 Rick and Dee Ann Carlisle

Veronica Olson Continuation Trust

Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust
 Giles Energy, Inc.

Finley Production Co., LP
 Grasslands Energy LP

RKC, Inc.

Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan

Heritage Trust Company of New Mexico, Trustee of the Sarah
Anne Baker Irrevocable Trust
Sara Elizabeth Baker and Anthony M. Baker Trust
Northern Oil & Gas, Inc
TXLA Oil and Gas, LLC
Mill Neck Associates
Viola Elaine Barnes
Christine B. Molycka
Julie Ellen Barnes
TTCZ Properties, LLC
C-W Flow, LLC

Mark L. Shidler, Inc.
Durango Production Corporation
Camterra Resources Partners, L.L.P.
Ann E. Creamer, Trustee of the Dean Family Trust established under the will of Hal Stone Dean,
deceased
WPX Energy Permian, LLC
Axis Energy Corporation
Vrooman Energy, L.L.C.
Rick and Dee Ann Carlisle
Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson
Trust
Giles Energy, Inc.
Finley Production Co., LP
Grasslands Energy LP
RKC, Inc.
Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and
through its Agent, Douglas Buchanan
Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust
Sara Elizabeth Baker and Anthony M. Baker Trust
Northern Oil & Gas, Inc.
TXLA Oil and Gas, LLC
Mill Neck Associates
Viola Elaine Barnes
Steven Clement Barnes
Christine B. Molycka
Julie Ellen Barnes
TTCZ Properties, LLC
C-W Flow, LLC

RECAPITULATION FOR JUDGE 3/4 B3D FED COM #1H, JUDGE 3/4 B3H FED COM #1H, JUDGE 3/4 B3IE FED COM #1H, and JUDGE 3/4

	Number of Acres Committed	Percentage of Interest in Communitized Area
1	320	24.68907%
2	160	12.34454%
3	166.48	12.8444907%
4	169.64	13.088294%
5	160	12.344536%
6	160	12.344536%
7	160	12.344536%
TOTAL	1296.12	100.000000%

TRACT OWNERSHIP
Judge 3/4 B3AD Fed Com #1H
Lots 1-4 of Section 3 and Lots 1-4 of Section 4, T20S, R29E, Eddy County, New Mexico

Bone Spring Formation:

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	62.206242%
Colgate Production LLC	25.755669%

WPX Energy Permian, LLC	0.501000%
Diane Denish	0.036117%
Sarah Schreiber	0.012039%
Suzanne Schreiber	0.012039%
Magnum Hunter Production, Inc.	10.299464%
Veronica Olson Continuation Trust	0.349596%
Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust	0.296189%
Finley Production Co., LP	0.192087%
Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan	0.048555%
Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust	0.048555%
Sara Elizabeth Baker and Anthony M. Baker Trust	0.097109%
Mill Neck Associates	0.034980%
Heritage Trust Company of New Mexico, Trustee of the Josephine Laughlin Living Trust, By and through its Agent, Douglas Buchanan	0.194224%
C-W, Flow, LLC	0.006130%
TOTAL	100.000000%
Total Interest Being Pooled:	37.793758%
TRACT OWNERSHIP	
Judge 34 B3HE Fed Com #1H	
S2N2 of Section 3 and S2N2 of Section 4, T20S, R29E, Eddy County, New Mexico	
Bona Spring Formation:	
Owner	% of Leasehold Interest
Mewbourne Oil Company, et al	87.922755%
Magnum Hunter Production, Inc.	10.114375%
WPX Energy Permian, LLC	0.659594%
Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust	0.293430%
Finley Production Co., LP	0.190298%
Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan	0.048103%
Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust	0.048103%
Sara Elizabeth Baker and Anthony M. Baker Trust	0.096205%
Viola Elaine Barnes	0.015395%
Christine B. Morycka	0.010100%
Julie Ellen Barnes	0.010100%

Steven Clement Barnes	0.003849%
TTCZ Properties, LLC	0.008206%
Veronica Olson Continuation Trust	0.346340%
Mill Neck Associates	0.034660%
Heritage Trust Company of New Mexico, Trustee of the Josephine Laughlin Living Trust, By and through its Agent, Douglas Buchanan	0.192415%
C-W Flow, LLC	0.006073%
TOTAL	100.000000%
Total Interest Being Pooled:	12.077245%

TRACT OWNERSHIP
 Judge 3/4 B31L Fed Com #1H
 N2S2 of Section 3 and N2S2 of Section 4, T20S, R29E, Eddy County, New Mexico

Bone Spring Formation:

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al	78.760278%
Veronica Olson Continuation Trust	0.346600%
Devon Energy Production Co., LP	9.375000%
Magnum Hunter Production, Inc.	10.114375%
WPX Energy Permian, LLC	0.633120%
Eric Chaney Craft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust	0.293430%
Finley Production Co., LP	0.190298%
Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan	0.048103%
Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust	0.048103%
Sara Elizabeth Baker and Anthony M. Baker Trust	0.096205%
Mill Neck Associates	0.034660%
Viola Elaine Barnes	0.015395%
Christine B. Molycka	0.010100%
Julie Ellen Barnes	0.010100%
TTCZ Properties, LLC	0.010100%
C-W Flow, LLC	0.006073%
TOTAL	100.000000%
Total Interest Being Pooled:	21.239722%

TRACT OWNERSHIP
 Judge 3/4 B3PM Fed Com #1H
 S2S2 of Section 3 and S2S2 of Section 4, T20S, R29E, Eddy County, New Mexico

Bone Spring Formation:

<u>% of Leasehold Interest</u>	
Owner	
Mewbourne Oil Company, et al	79.091223%
Veronica Olson Continuation Trust	0.008320%
Devon Energy Production Co., LP	9.375000%
Magnum Hunter Production, Inc.	10.114375%
WPX Energy Permian, LLC	0.633120%
Eric Chaney Craft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust	0.293430%
Finley Production Co., LP	0.190298%
Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan	0.048103%
Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust	0.048103%
Sara Elizabeth Baker and Anthony M. Baker Trust	0.096205%
Mill Neck Associates	0.034660%
Viola Elaine Barnes	0.015395%
Steven Clement Barnes	0.015395%
Christine B. Motyka	0.010100%
Julie Ellen Barnes	0.010100%
TTCZ Properties, LLC	0.010100%
C-W Flow, LLC	0.006073%
TOTAL	100.000000%
Total Interest Being Pooled:	
	20.508777%
<u>% of Leasehold Interest</u>	
<u>OWNERSHIP BY TRACT</u>	
<u>S/2 of Section 3</u>	
Owner	
Mewbourne Oil Company, et al	80.789390%
WPX Energy Permian, LLC	0.443970%
Veronica Olson Continuation Trust	0.016640%
Devon Energy Production Co., LP	18.750000%
TOTAL	100.000000%
<u>S/2N/2 of Section 3</u>	
Owner	
Mewbourne Oil Company, et al	99.503082%
WPX Energy Permian, LLC	0.496918%
TOTAL	100.000000%
<u>N/2N/2 of Section 3</u>	
Owner	
Mewbourne Oil Company, et al	47.704625%
Colgate Production LLC	52.000213%

WPX Energy Permian, LLC	0.173631%
Diane Demish	0.072919%
Sarah Schreiber	0.024306%
Suzanne Schreiber	0.024306%
TOTAL	100.0000000%
N2N2 of Section 4	
Owner	
Mewbourne Oil Company, et al.	76.4377267%
Magnum Hunter Production, Inc.	20.2287500%
WPX Energy Permian, LLC	0.8222700%
Veronica Olson Continuation Trust	0.6926800%
Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust	0.5868600%
Finley Production Co., LP	0.3805966%
Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan	0.0962050%
Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust	0.0962050%
Sara Elizabeth Baker and Anthony M. Baker Trust	0.1924100%
Mill Neck Associates	0.0693200%
Heritage Trust Company of New Mexico, Trustee of the Josephine Laughlin Living Trust, By and through its Agent, Douglas Buchanan	0.3848300%
C-W Flow, LLC	0.0121467%
TOTAL	100.0000000%
S2N2 of Section 4	
Owner	
Mewbourne Oil Company, et al.	76.342428%
Magnum Hunter Production, Inc.	20.228750%
WPX Energy Permian, LLC	0.822270%
Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust	0.586860%
Finley Production Co., LP	0.380597%
Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan	0.096205%
Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust	0.096205%
Sara Elizabeth Baker and Anthony M. Baker Trust	0.192410%
Viola Elaine Barnes	0.030790%
Christine B. Moyleka	0.020200%
Julie Ellen Barnes	0.020200%

Steven Clement Barnes	0.007697%
TTCZ Properties, LLC	0.016412%
Veronica Olson Continuation Trust	0.692680%
Mill Neck Associates	0.069320%
Heritage Trust Company of New Mexico, Trustee of the Josephine Laughlin Living Trust, By and through its Agent, Douglas Buchanan	0.384830%
C-W Flow, LLC	0.012147%
TOTAL	100.000000%

N2S2 of Section 4

Owner	
Mewbourne Oil Company, et al.	76.743313%
Magnum Hunter Production, Inc.	20.228750%
WPX Energy Permian, LLC	0.822270%
Veronica Olson Continuation Trust	0.692680%
Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust	0.586860%
Finley Production Co., LP	0.380597%

0.096205%

Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan

Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust	0.096205%
Sara Elizabeth Baker and Anthony M. Baker Trust	0.192410%
Mill Neck Associates	0.069320%
Viola Elaine Barnes	0.030790%
Christine B. Molycka	0.020200%
Julie Ellen Barnes	0.020200%
TTCZ Properties, LLC	0.020200%
C-W Flow, LLC	0.012147%
TOTAL	100.000000%

S2S2 of Section 4

Owner	
Mewbourne Oil Company, et al.	77.393057%
Magnum Hunter Production, Inc.	20.228750%
WPX Energy Permian, LLC	0.822270%
Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust	0.586860%
Finley Production Co., LP	0.380597%

Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchanan

0.096205%

Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust	0.096205%
Sara Elizabeth Baker and Anthony M. Baker Trust	0.192410%
Mill Neck Associates	0.069320%
Viola Elaine Barnes	0.030790%
Sтивен Clement Barnes	0.030790%
Christine B. Moyska	0.020200%
Julie Ellen Barnes	0.020200%
TTCZ Properties, LLC	0.020200%
C-W Flow, LLC	0.012147%
TOTAL	100.000000%

PERSONS POOLED IN CASE NOS. 23689 - 23691

WORKING INTEREST OWNERS

Devon Energy Production Co., LP
WPX Energy Permian, LLC
333 West Sheridan Ave.
Oklahoma City, OK 73102

Magnum Hunter Production, Inc.
600 N Marienfeld Suite 600
Midland, TX 79701

Sara Elizabeth Baker and
Anthony M. Baker Trust
630 Paseo Del Pueblo Sur #170
Taos, NM 97571

C-W Flow, LLC
738 H St
Anchorage, AK 99501-3401
Attn: Land Department

Christine B. Motycka
1004 N. Big Spring Suite 500
Midland, TX 79701

Julie Ellen Barnes
P.O. Box 505
Midland, TX 79702

Steven Clement Barnes
P.O. Box 505
Midland, TX 79702

Sarah Schreiber
505 13th St SE Apt 4
Washington D.C. 20003-2248

Suzanne Schreiber
3111 E 58th Pl.
Tulsa, OK 74105-7414

TTCZ Properties, LLC
201 Main Street Suite 400
Fort Worth, TX 76102

ATTACHMENT

2.C

Diane Denish
2604 Morrow Rd NE
Albuquerque, NM 87106

Viola Elaine Barnes
1004 N. Big Spring Suite 500
Midland, TX 79701

Mill Neck Associates
3867 Plaza Tower Dr.
Baton Rouge, LA 70816

Heritage Trust Company of New
Mexico, Trustee of the Michael A.
Baker Irrevocable Trust, by and
through its Agent, Douglas Buchannan
630 Paseo Del Pueblo Sur #170
Taos, NM 97571

Heritage Trust Company of New
Mexico, Trustee of the Josephine
Laughlin Living Trust, by and through
its Agent, Douglas Buchannan
P.O. Box 80190
Midland, TX 79708
Attn: Douglas Buchannan

Heritage Trust Company of New
Mexico, Trustee of the Sarah Anne Baker
Irrevocable Trust
630 Paseo Del Pueblo Sur #170
Taos, NM 97571

Finley Production Co., LP
P.O. Box 2200
Fort Worth, TX 76113

Veronica Olson Continuation Trust
42011 SD Highway 27
Langford, SD 57454-5930

Eric Chancy Croft and Elizabeth Ann
Williamson, Co-Trustees of the Charla
Geraldine Williamson Trust
738 H St
Anchorage, AK 99501-3401

RECORD TITLE OWNERS

Barnes Adelante Trust
P.O. Box 505
Midland, Texas 79702-0505

Barnes J C Trust
P.O. Box 505
Midland, Texas 79702-0505

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

Marathon Oil Permian, LLC
990 Town and Country Blvd.
Houston, Texas 77024

Burlington Resources Oil & Gas Co., LP
P.O. Box 7500
Bartlesville, Oklahoma 74005-7500

Alexander Resources, Inc.
3804 Shady Valley Dr.
Arlington, Texas 76013

Petroleum Corporation
207 S. 4th Street
Artesia, New Mexico 88210

Summary of Communications
Judge 3/4 B3AD Fed Com #1H
Judge 3/4 B3HE Fed Com #1H
Judge 3/4 B3IL Fed Com #1H
Judge 3/4 B3PM Fed Com #1H
Sections 3 and 4, T20S, R29E
Eddy County, New Mexico

3/29/2021 & 9/29/2022: Mailed a Working Interest Unit and Well Proposal to the below listed parties. Utilized Accurant, Enverus/Drilling Info, in house files, and Google searches in an effort to locate the below mentioned parties. Delivery receipts are attached in the pooling exhibits.

- **Magnum Hunter Production, Inc**
10/25/2022: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.
3/15/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.
- **Colgate Production, LLC**
10/9/2022: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.
3/15/2023: Email and Phone correspondence with the above listed party regarding the Well Proposal and Working interest unit.
5/5/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.
6/26/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.
- **Devon Energy Production Co., LP**
- **WPX Energy Permian, LLC**
12/5/2022: Email and Phone correspondence with the above listed party regarding the Well Proposal and Working interest unit.
1/4/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.
3/15/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.
5/16/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.
5/24/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.
- **Eric Chancy Croft and Elizabeth Ann Williamson, co-Trustees of the Charla Geraldine Williamson Trust**
- **C-W Flow, LLC**
8/2/2021: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

12/7/2022: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

12/20/2022: Emailed new proposal packet per parties' request.

1/3/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

6/8/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

- **Veronica Olson Continuation Trust**

6/8/2023: Phone correspondence left a Voicemail.

- **Finley Production Co, LP**

9/8/2021: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

9/13/2021: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

10/14/2022: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

5/18/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

6/8/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

- **Heritage Trust Company of New Mexico, Trustee of the Josephine Laughlin Living Trust, By and through its Agent, Douglas Buchannan**

- **Sara Elizabeth Baker and Anthony M. Baker Trust**

- **Heritage Trust Company of New Mexico, Trustee of the Michael A. Baker Irrevocable Trust, By and through its Agent, Douglas Buchannan**

- **Heritage Trust Company of New Mexico, Trustee of the Sarah Anne Baker Irrevocable Trust**

10/18/2022: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

4/24/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

5/18/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

5/24/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

- **Mill Neck Associates**

10/6/2022: Sent new proposal package via certified mail.

- **Viola Elaine Barnes**

- **Christine B. Motycka**

- **Julie Ellen Barnes**

- **Steven Clement Barnes**

- **TTCZ Properties, LLC**

10/26/2022: Email and Phone correspondence with the above listed party regarding the Well Proposal and Working interest unit.

12/7/2022: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

2/13/2023: Email correspondence with the above listed party regarding the Well Proposal and Working interest unit.

- **Sarah Schreiber**
- **Suzanne Schreiber**

6/8/2023: Phone correspondence with the above listed party regarding the Well Proposal and Working interest unit, left a voicemail.

- **Diane Denish**

11/18/2022: Phone correspondence with the above listed party regarding the Well Proposal and Working interest unit.

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715

September 28, 2022

Via Certified Mail

«Owners»

«Address_Line_1» «Address_Line_2»

«City», «State» «Zip_Code»

«Attn»

Re: Judge 3/4 B3AD Fed Com #1H
1660' FNL & 250' FEL (Section 3)
500' FNL & 100' FWL (Section 4)

Judge 3/4 B3HE Fed Com #1H
1690' FNL & 250' FEL (Section 3)
1850' FNL & 100' FWL (Section 4)

Judge 3/4 B3IL Fed Com #1H
1125' FSL & 250' FEL (Section 3)
1850' FSL & 100' FWL (Section 4)

Judge 3/4 B3PM Fed Com #1H
1095' FSL & 250' FEL (Section 3)
500' FSL & 100' FWL (Section 4)

Sections 3 & 4, T20S, R29E
Eddy County, New Mexico

Ladies and Gentlemen,

Mewbourne Oil Company ("Mewbourne") as Operator hereby proposes to form a 1296.12 acre Working Interest Unit ("WIU") covering the All of the captioned Sections 3 & 4 for oil and gas production. The targeted interval for the proposed unit is the Bone Spring formation.

Mewbourne as Operator hereby proposes to drill the captioned Judge 3/4 B3AD Fed Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,110 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 19,268 feet. The N/2N/2 of the captioned Sections 3 & 4 will be dedicated to the well as the proration unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Judge 3/4 B3HE Fed Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,126 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 19,224 feet. The S/2N/2 of the captioned Sections 3 & 4 will be dedicated to the well as the proration unit.

In addition, Mewbourne as Operator hereby proposes to drill the captioned Judge 3/4 B3IL Fed Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,152 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 19,291 feet. The N/2S/2 of the captioned Sections 3 & 4 will be dedicated to the well as the proration unit.

Finally, Mewbourne as Operator hereby proposes to drill the captioned Judge 3/4 B3PM Fed Com #1H well at the above referenced surface location (SL) to the referenced bottom hole location (BHL). The proposed well will be drilled to an approximate true vertical depth (TVD) of 9,171 feet subsurface to evaluate the Third Bone Spring Sand Formation. The proposed well will have a measured depth (MD) of approximately 19,300 feet. The S/2S/2 of the captioned Sections 3 & 4 will be dedicated to the well as the proration unit.

Regarding the above, enclosed for your further handling is our Operating Agreement dated September 1, 2022, along with an extra set of signature pages and our AFEs dated September 23 & 26, 2022, for the captioned proposed wells. Please sign and return said AFEs and extra set of signature pages at your earliest convenience if you elect to participate in the captioned wells and WIU and return to me within thirty (30) days.

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

Sincerely,

MEWBOURNE OIL COMPANY


Braxton Blandford
Landman

MEWBORNE OIL COMPANY

AUTHORIZATION FOR EXPENDITURE

Well Name: JUDGE 3/4 B3HE FED COM #1H		Prospect: JUDGE	
Location: SL: 1690 FNL & 250 FEL (3); BHL: 1850 FNL & 100 FWL (4)		County: EDDY ST: NM	
Sec. 3	Blk:	Survey:	TWP: 20S RNG: 29E Prop. TVD: 9126 TMD: 19224

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$50,000	0180-0205	\$35,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$12,500
Daywork / Turnkey / Footage Drilling	24 days drlg / 3 days comp @ \$26,000/d	0180-0110	\$666,400	0180-0210	\$83,300
Fuel	1700 gal/day @ \$4.30/gal	0180-0114	\$210,800	0180-0214	\$344,400
Alternate Fuels		0180-0115		0180-0215	\$100,000
Mud, Chemical & Additives		0180-0120	\$40,000	0180-0220	
Mud - Specialized		0180-0121	\$200,000	0180-0221	
Horizontal Drillout Services				0180-0222	\$200,000
Stimulation Toe Preparation				0180-0223	\$40,000
Cementing		0180-0125	\$100,000	0180-0225	\$60,000
Logging & Wireline Services		0180-0130	\$30,000	0180-0230	\$371,700
Casing / Tubing / Snubbing Service		0180-0134	\$35,000	0180-0234	\$15,000
Mud Logging		0180-0137	\$15,000		
Stimulation	51 Stg 20.2 MMgal & 20.2 MMlbs			0180-0241	\$2,820,000
Stimulation Rentals & Other				0180-0242	\$280,000
Water & Other		0180-0145	\$35,000	0180-0245	\$410,900
Bits		0180-0148	\$144,200	0180-0248	\$5,000
Inspection & Repair Services		0180-0150	\$60,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$12,000	0180-0258	\$24,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$150,000		
Transportation		0180-0165	\$30,000	0180-0265	\$12,500
Welding, Construction, & Maint. Services		0180-0168	\$4,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170	\$173,000	0180-0270	\$64,100
Directional Services	Includes vertical control	0180-0175	\$358,800		
Equipment Rental		0180-0180	\$166,900	0180-0280	\$20,000
Well / Lease Legal		0180-0184	\$5,000	0180-0284	
Well / Lease Insurance		0180-0185	\$5,000	0180-0285	
Intangible Supplies		0180-0188	\$8,000	0180-0288	\$1,000
Damages		0180-0190	\$10,000	0180-0290	\$10,000
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$5,000
Company Supervision		0180-0195	\$96,000	0180-0295	\$36,000
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	5% (TCP) 5% (CC)	0180-0199	\$141,800	0180-0299	\$250,500
TOTAL			\$2,976,900		\$5,261,400

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")	385' - 20" 94# J-55 BTC @ \$135.08/ft	0181-0793	\$55,500		
Casing (10.1" - 19.0")	1550' - 13 3/8" 54 5# J-55 ST&C @ \$76.30/ft	0181-0794	\$126,300		
Casing (8.1" - 10.0")	3550' - 9 5/8" 36# HCL80 LT&C @ \$50.16/ft	0181-0795	\$190,200		
Casing (6.1" - 8.0")	9410' - 7" 29# HPP110 BT&C @ \$51.98/ft	0181-0796	\$522,400		
Casing (4.1" - 6.0")	10950' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft			0181-0797	\$315,300
Tubing	8680' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13.00/ft			0181-0798	\$120,500
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$30,000
Horizontal Completion Tools				0181-0871	\$15,000
Subsurface Equip. & Artificial Lift				0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Service Pumps	(1/4) TP/CP/circ. pump			0181-0886	\$8,000
Storage Tanks	(1/4) 6 - 750 bbl/5 - 750 bbl coated/1 - GB			0181-0890	\$130,000
Emissions Control Equipment	(1/4) 3 - VRT/VRU/Flare/3 - KO/AIR			0181-0892	\$92,400
Separation / Treating Equipment	(1/4) 2 - Hz. Sep./Vt. Sep./Hz. HT/Vt. HT			0181-0895	\$82,700
Automation / Metering Equipment	Automation/fiber/meters			0181-0898	\$52,500
Line Pipe & Valves - Gathering	(1/4) Facility Work + GL Injection			0181-0900	\$24,000
Fittings / Valves & Accessories	Flowline/parts			0181-0906	\$176,200
Cathodic Protection				0181-0908	
Electrical Installation				0181-0909	\$91,400
Equipment Installation				0181-0910	\$56,600
Pipeline Construction	Facility gas work & GL injection			0181-0920	\$16,600
TOTAL			\$929,400		\$1,236,200
SUBTOTAL			\$3,906,300		\$6,497,600
TOTAL WELL COST			\$10,403,900		

Extra Expense Insurance

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

☐ I elect to purchase my own well control insurance policy.

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

Prepared by: H. Buckley	Date: 09/23/2022
Company Approval:	Date:
Joint Owner Interest: Amount:	Signature:
Joint Owner Name:	

ATTACHMENT 2.E

**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. 23689 - 23691

SELF-AFFIRMED STATEMENT OF CHARLES CROSBY

COUNTY OF MIDLAND)
) ss.
STATE OF TEXAS)

Charles Crosby deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in these cases. I have been qualified by the Division as an expert petroleum geologist.
3. This case involves the Bone Spring formation underlying horizontal spacing units in Sections 3 and 4, Township 21 South, Range 26 East, N.M.P.M., Eddy County, New Mexico. The units and wells are as follows:

In Case No. 23689 Mewbourne seeks an order pooling the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2N/2 of Section 3 and the S/2N/2 of Section 4, Township 20 South, Range 29 East, NMPM. The unit will be dedicated to the Judge 3/4 B3HE Fed. Com. Well No. 1H;

In Case No. 23690 Mewbourne seeks an order pooling the Bone Spring formation underlying a horizontal spacing unit comprised of the N/2S/2 of Section 3 and the N/2S/2 of Section 4, Township 20 South, Range 29 East, NMPM. The unit will be dedicated to the Judge 3/4 B3IL Fed. Com. Well No. 1H; and

In Case No. 23691 Mewbourne seeks an order pooling the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2S/2 of Section 3 and the S/2S/2 of Section 4, Township 20 South, Range 29 East, NMPM. The unit will be dedicated to the Judge 3/4 B3PM Fed. Com. Well No. 1H.

EXHIBIT

3

4. The following geological plats are attached hereto:

(a) Attachment 3-A is a structure map on the top of the Wolfcamp formation. It shows that structure dips gently to the east-southeast. It also shows a line of cross-section.

(b) Attachment 3-B is a cross section showing the Third Bone Spring Sand, the target zone for the proposed wells. The well logs on the cross-section give a representative sample of the Third Bone Spring Sand in this area. The sand is continuous and uniformly thick across the well units.

5. I conclude from the maps that:

(a) The horizontal spacing units are justified from a geologic standpoint.

(b) The target zone is continuous and of relatively uniform thickness across each well unit.

(c) Each quarter-quarter section in the well units will contribute more or less equally to production.

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

6. Attachment 3-A shows that all Third Bone Spring Sand wells adjacent or close to the proposed well units are laydown wells. Based on our geological examination and information from offsetting wells, Mewbourne believes laydown well units are reasonable.

7. Attachment 3-C contains horizontal drilling plans for the proposed wells. The producing intervals of the wells will be orthodox.

I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 7 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.

9/13/23


Charles Crosby



ATTACHMENT 3.B

