

CASE NO. 23688

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

EXHIBITS

1. Part I of II
Pooling Checklist

2. Landman's Affidavit
Exhibit 2-A: Land Plat and C-102
Exhibit 2-B: Tract Maps and Ownership Information
Exhibit 2-C: List of Pooled Persons
Exhibit 2-D: Summary of Communications and Proposal Letter
Exhibit 2-E: AFE


3. Geologist's Affidavit
Exhibit 3-A: Structure and Activity Map
Exhibit 3-B: Cross-Section
Exhibit 3-C: Horizontal Drilling Plan

4. Part II of II
Affidavit of Notice
Exhibit 4-A: Notice Letters and Return Receipts

5. Certified Notice Spreadsheet

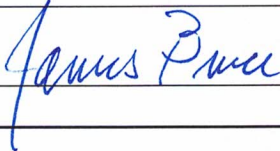
6. Affidavit of Publication

7. Application and Proposed Notice

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 23688	APPLICANT'S RESPONSE
Date: December 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, Eddy County, New Mexico
Entries of Appearance/Intervenors:	
Well Family	Judge Bone Spring wells
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Bone Spring formation
Pool Name and Pool Code:	Parkway; Bone Spring/Pool Code 49622
Well Location Setback Rules:	Statewide Rules for horizontal wells – 330' and 100' setbacks
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	336.12 acres
Building Blocks:	40 acres
Orientation:	East-West
Description: TRS/County	Lots 1-4 (N/2N/2) §3 and Lots 1-4 (N/2N/2) §4, Township 20 South, Range 29 East, NMPM, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u>	Yes
	
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	N

Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibit 2-B
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Judge 3/4 B3AD Federal Com. Well No. 1H API No. 30-015-Pending SHL: 1660 FNL & 250 FEL §3 BHL: 500 FNL & 100 FWL §4 FTP: 500 FNL & 100 FEL §3 LTP: 500 FNL & 100 FWL §4 Third Bone Spring/TVD 9110 feet/MD 19268 feet
Well #2	
Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2, page 2
Requested Risk Charge	Cost plus 200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit 6
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit 2-B
Tract List (including lease numbers and owners)	Exhibit 2-B
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to	

notice requirements.	
Pooled Parties (including ownership type)	Exhibits 2-B and 2-C; Working Interest Owners and Record Title Owners (to obtain approval of communitization agreement)
Unlocatable Parties to be Pooled	Yes
Ownership Depth Severance (including percentage above & below)	No Depth Severance
Joinder	
Sample Copy of Proposal Letter	Exhibit 2-D
List of Interest Owners (i.e. Exhibit A of JOA)	Exhibit 2-B
Chronology of Contact with Non-Joined Working Interests	Exhibit 2-D
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 2-E
Cost Estimate to Equip Well	Exhibit 2-E
Cost Estimate for Production Facilities	Exhibit 2-E
Geology	
Summary (including special considerations)	Exhibit 3
Spacing Unit Schematic	Exhibits 2-A and 3-A
Gunbarrel/Lateral Trajectory Schematic	Exhibit 3-B
Well Orientation (with rationale)	East-West; Exhibits 3 and 3-A
Target Formation	Third Bone Spring Sand
HSU Cross Section	Exhibit 3-B
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit 2-A
Tracts	Exhibit 2-B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibits 2-B
General Location Map (including basin)	Exhibit 3-A
Well Bore Location Map	Exhibit 3-A
Structure Contour Map - Subsea Depth	Exhibit 3-A

Cross Section Location Map (including wells)	Exhibit 3-A
Cross Section (including Landing Zone)	Exhibit 3-B
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):	
Date:	December 9, 2023

**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
TO VACATE ORDER NO. R-21575 AND FOR
COMPULSORY POOLING, EDDY COUNTY,
NEW MEXICO.**

Case No. 23688

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 Lots 1-4 (the N/2N/2) of Section 3 and Lots 1-4 (the N/2N/2) of Section 4, Township 20 South, Range 29 East, NMPM. The unit will be dedicated to the Judge 3/4 B3AD Fed. Com. Well No. 1H.

Order No. R-21575 pooled the N/2N/2 of Section 2 and the N/2N/2 of Section 3, Township 20 South, Range 29 East, N.M.P.M. for the purpose of drilling the proposed Meridian 3 Fed. State Com. Well No. 113H. The operator of the well is Colgate Operating, LLC (“Colgate”).

In conjunction with three other applications filed by Mewbourne, covering portions of Sections 3 and 4, those two sections will be fully developed by Mewbourne’s development plan. (Order Nos. R-22912, R-22913, and R-22914 in those cases have been issued.) As a result, Mewbourne requests that Order No. R-21575 be vacated so that Mewbourne may reasonably develop all of Sections 3 and 4. Colgate has signed Mewbourne’s JOA.

EXHIBIT 2

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.
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: December 8, 2023

/s/ Braxton Blandford
Braxton Blandford

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

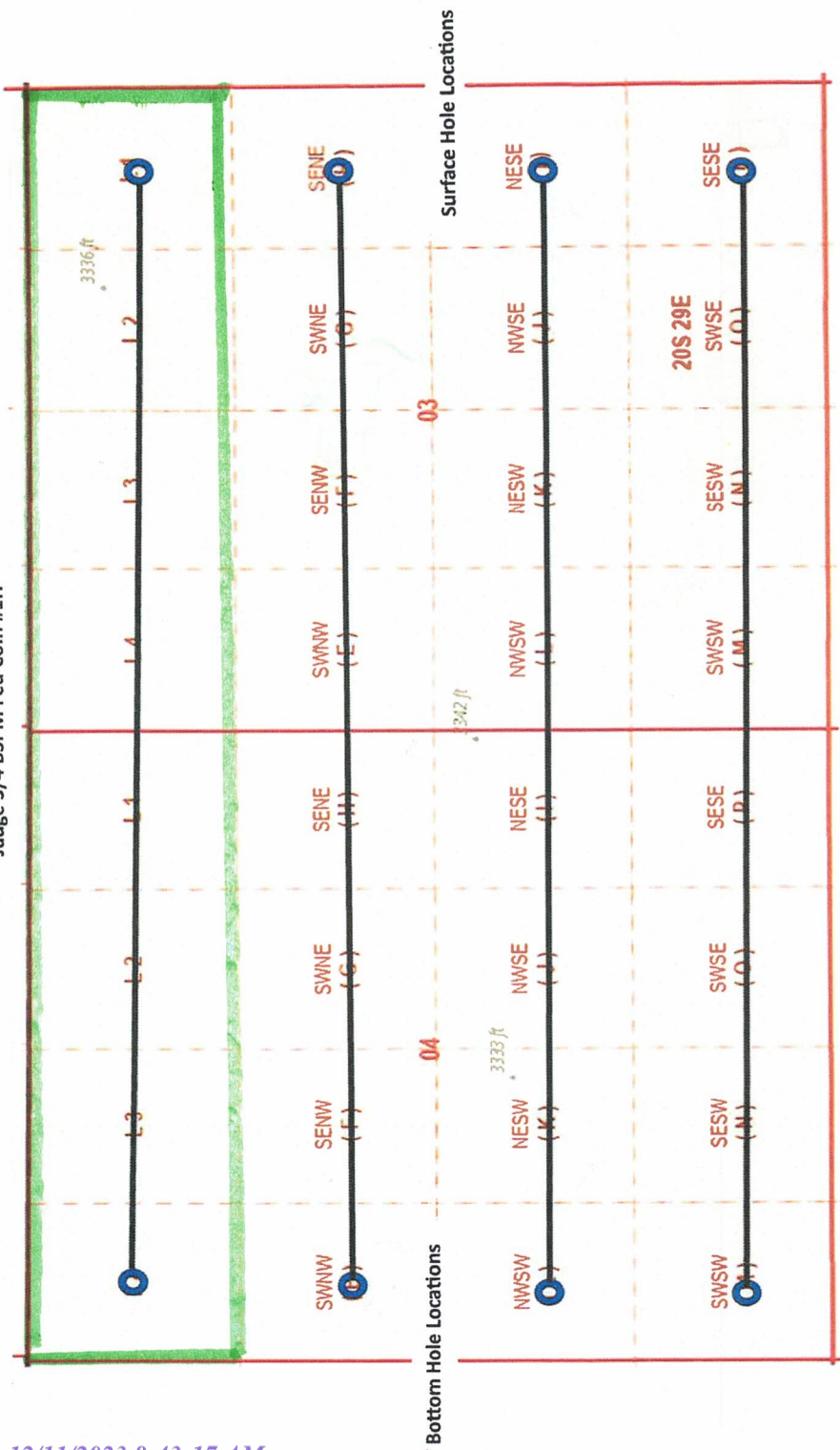


EXHIBIT 2.A

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		2 Pool Code 49622		3 Pool Name Parkway, Bone Spring	
4 Property Code		5 Property Name JUDGE 3/4 B3AD FED COM		6 Well Number 1H	
7 Operator Name MEWBOURNE OIL COMPANY		8 Operator Name MEWBOURNE OIL COMPANY		9 Elevation 3316'	
10 Surface Location					
UL or lot no. H	Section 3	Township 20S	Range 29E	Lot Idn	Feet from the 1660
			North/South line NORTH	Feet from the 250	East/West line EAST
County EDDY					
11 Bottom Hole Location If Different From Surface					
UL or lot no. 4	Section 4	Township 20S	Range 29E	Lot Idn	Feet from the 500
			North/South line NORTH	Feet from the 100	East/West line WEST
County EDDY					
12 Dedicated Acres 336.12		13 Joint or Infill		14 Consolidation Code	
15 Order No.					

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

<p>16</p> <p>GEODETIC DATA NAD 83 GRID -- NM EAST</p> <p>SURFACE LOCATION N: 584068.4 - E: 627043.7</p> <p>LAT: 32.6053478° N LONG: 104.0550075° W</p> <p>BOTTOM HOLE N: 585249.5 - E: 616797.5</p> <p>LAT: 32.6086635° N LONG: 104.0882722° W</p>	<p>CORNER DATA NAD 83 GRID -- NM EAST</p> <p>A: FOUND BRASS CAP "1916" N: 580365.0 - E: 616706.0</p> <p>B: FOUND BRASS CAP "1916" N: 583011.3 - E: 616701.2</p> <p>C: FOUND BRASS CAP "1916" N: 585749.7 - E: 616696.7</p> <p>D: FOUND BRASS CAP "1916" N: 585732.8 - E: 621973.1</p> <p>E: FOUND BRASS CAP "1916" N: 585727.8 - E: 627298.2</p> <p>F: FOUND BRASS CAP "1916" N: 583042.4 - E: 627290.7</p> <p>G: FOUND BRASS CAP "1916" N: 580395.9 - E: 627283.8</p>	<p>H: FOUND BRASS CAP "1916" N: 580392.7 - E: 624633.9</p> <p>I: FOUND BRASS CAP "1916" N: 580390.8 - E: 621985.4</p> <p>J: FOUND BRASS CAP "1916" N: 580378.3 - E: 619346.4</p> <p>K: FOUND BRASS CAP "1916" N: 583032.9 - E: 621979.1</p>	<p>17 OPERATOR CERTIFICATION</p> <p>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>Signature: _____ Date: _____</p> <p>Printed Name: _____</p> <p>E-mail Address: _____</p>
			<p>18 SURVEYOR CERTIFICATION</p> <p>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</p> <p>Signature and Seal of Professional Surveyor</p> <p>19680 Certificate Number</p>

Diagram details: The plat shows a grid of lots. Lot 1 (41.92 Ac.) and Lot 2 (41.58 Ac.) are on the right. Lot 3 (42.57 Ac.) and Lot 4 (42.90 Ac.) are on the left. A surface location is marked with a well symbol and 'S.L.' at a distance of 250' from the surface. A bottom hole location is marked with a well symbol and 'B.H.' at a distance of 500' from the surface. Bearings and distances are provided for all boundaries. A surveyor's seal for Robert M. Howett, Professional Surveyor, New Mexico, 19680, is stamped over the diagram. The certificate number is 19680. The plat is identified as LS20080351.

Section Plat Judge 3/4 B3AD Fed Com #IH Judge 3/4 B3HE Fed Com #IH Judge 3/4 B3IL Fed Com #IH Judge 3/4 B3FM Fed Com #IH 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) NNM-011962, NNM 0209083, and NNM-027801

Newbourne 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) NNM-027801

Newbourne 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) NNM-059381 and NNM-027801

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

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

Newbourne 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, L.L.C.
Rick and Dee Ann Carlisle

ATTACHMENT 2-B

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, 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
 Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Churia 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 M/BAD FED COM #1H, JUDGE 3/4 BSH, FED COM #1H, JUDGE 3/4 BSH, FED COM #1H, JUDGE 3/4 BSH, 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	12.8444909%
4	169.44	13.0882949%
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

Base Spring Formations:

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

WPX Energy Permian, LLC	0.501000%
Diane Danish	0.036117%
Sarah Schreiber	0.012039%
Suzanne Schreiber	0.012039%
Magnum Hunter Production, Inc.	10.209464%
Veronica Olson Continuation Trust	0.349596%
Eric Chaney Croft and Elizabeth Ann Williamson, Co-Trustees of the Charla Geraldine Williamson Trust Finley Production Co., LP	0.296189%
	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 Mill Neck Associates	0.097109%
	0.034986%
Heritage Trust Company of New Mexico, Trustee of the Josephine Laughlin Living Trust, By and through its Agent, Douglas Buchanan C-W Flow, LLC	0.194224%
	0.006130%
TOTAL	100.000000%
Total Interest Being Pooled:	37.793758%

TRACT-OWNERSHIP
 Judge 34 B3HF, Fed. Com. 1/1H
 S2N2 of Section 3 and S2N2 of Section 4, 170S, R29E, Eddy County, New Mexico
Base Split: Formation.

Owner	% of Leasehold Interest
Newbourne 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 Finley Production Co., LP	0.293430%
	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. Moyaka	0.010100%
Julie Ellen Barnes	0.010100%

PERSONS POOLED IN CASE NO. 23688

WORKING INTEREST OWNERS

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

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

EXHIBIT 2.C

Diane Denish
2604 Morrow Rd NE
Albuquerque, NM 87106

Viola Elaine Barnes
1004 N. Big Spring Suite 500
Midland, TX79701

Mill Neck Associates
3867 Plaza Tower Dr.
Baton Rouge, LA70816

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, SD57454-5930

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.

ATTACHMENT 2-D

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

MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: JUDGE 3/4 B3AD FED COM #1H		Prospect: JUDGE	
Location: SL: 1660 FNL & 250 FEL (3); BHL: 500 FNL & 100 FWL (4)		County: EDDY ST: NM	
Sec. 3	Blk: 	Survey: 	TWP: 20S RNG: 29E Prop. TVD: 9110 TMD: 19268

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")	9390' - 7" 29# HPP110 BT&C @ \$51.98/ft	0181-0796	\$521,300		
Casing (4.1" - 6.0")	10050' - 4 1/2" 13.5# HCP-110 CDC-HTQ @ \$29.38/ft			0181-0797	\$315,300
Tubing	8665' - 2 7/8" 6.5# L-80 IPC Tbg @ \$13.00/ft			0181-0798	\$120,300
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			\$928,300		\$1,236,000
SUBTOTAL			\$3,905,200		\$6,497,400
TOTAL WELL COST			\$10,402,600		

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**

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

Case Nos. 23688

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. In Case No. 23688 Mewbourne seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of Lots 1-4 (the N/2N/2) of Section 3 and Lots 1-4 (the N/2N/2) of Section 4, Township 20 South, Range 29 East, NMPM. The unit will be dedicated to the Judge 3/4 B3AD Fed. Com. Well No. 1H, with a first take point in Lot 1 of Section 3 and a last take point in the Lot 4 of Section 4.
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 unit is justified from a geologic standpoint.
 - (b) The target zone is continuous and of relatively uniform thickness across the well unit.

(c) Each quarter-quarter section in the well unit 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 well.

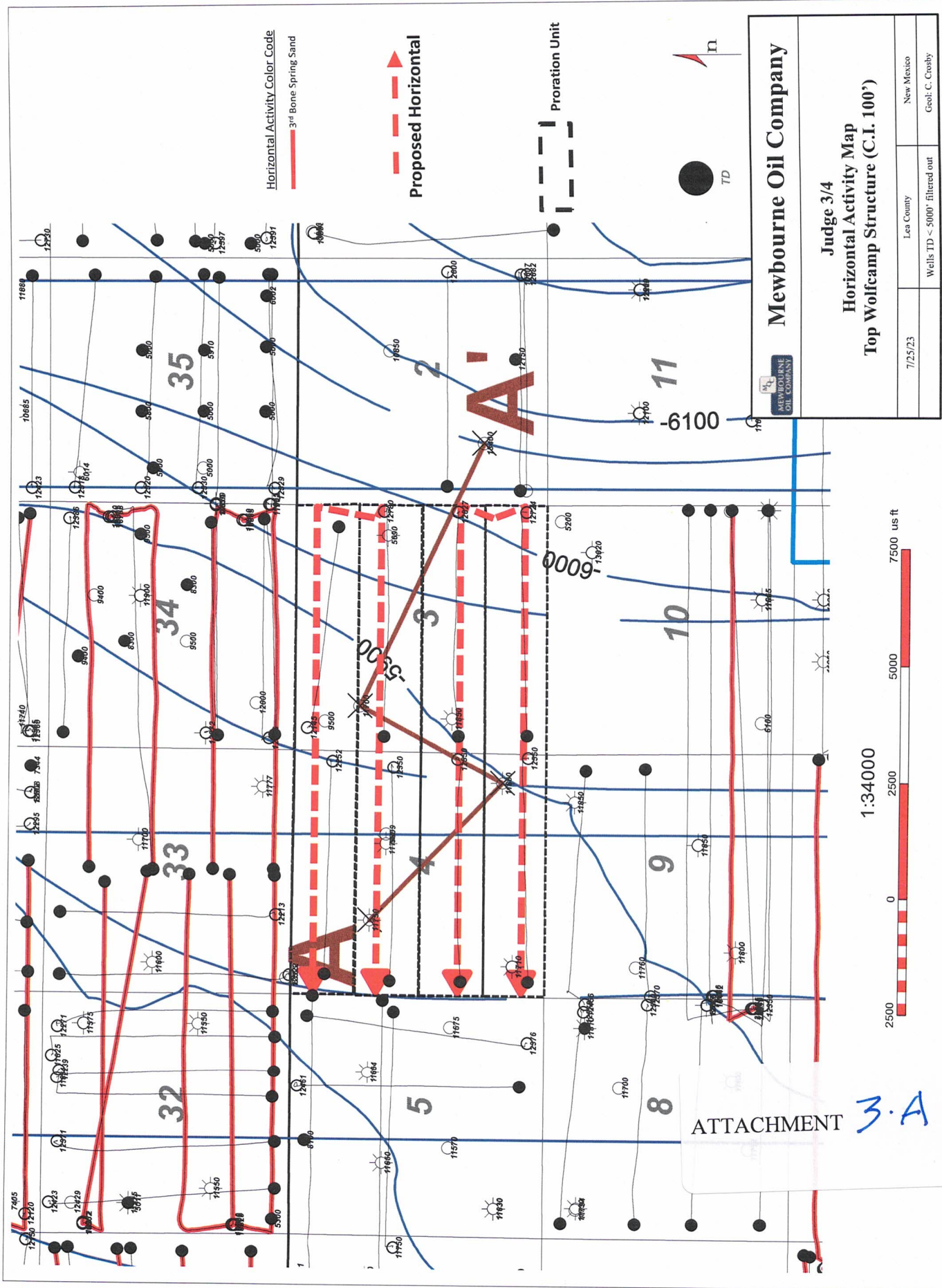
6. Attachment 3-A shows that all Third Bone Spring Sand wells adjacent or close to the proposed well units are laydown wells. Based on our geological examination and information from offsetting wells, Mewbourne believes laydown well units are reasonable.

7. Attachment 3-C is the horizontal drilling plan for the proposed well. The producing intervals of the wells will be orthodox.

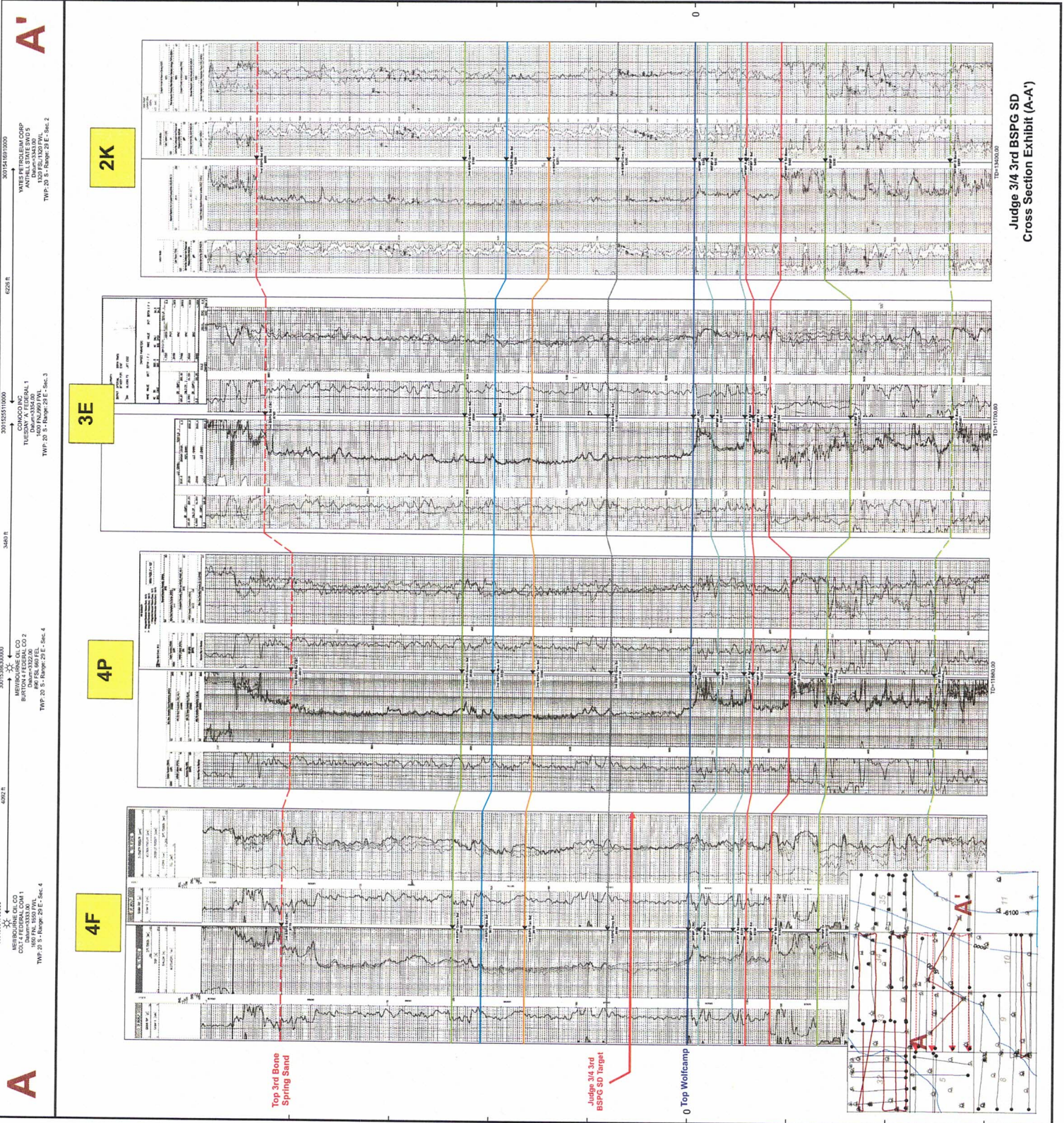
I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through 7 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

December 8, 2023
Date

Charles Crosby
Charles Crosby



ATTACHMENT 3-B



Judge 3/4 3rd BSPG SD
Cross Section Exhibit (A-A')

