

CASE NO. 22244

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

MEWBOURNE OIL COMPANY'S EXHIBIT LIST

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

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 22244

APPLICATION

Mewbourne Oil Company applies for an order pooling all mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2NW/4 of Section 16 and the S/2N/2 of Section 17, Township 18 South, Range 28 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the S/2NW/4 of Section 16 and the S/2N/2 of Section 17, and has the right to drill a well thereon.
2. Applicant proposes to drill the Pappy 16/17 B2FE State Com. Well No. 1H to a depth sufficient to test the Bone Spring formation, with a first take point in the SE/4NW/4 of Section 16 and a last take point in the SW/4NW/4 of Section 17.
3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the S/2NW/4 of Section 16 and the S/2N/2 of Section 17 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 mineral interest owners in the Bone Spring formation underlying the S/2NW/4 of Section 16 and the S/2N/2 of Section 17, pursuant to NMSA 1978 §70-2-17.

EXHIBIT /

5. The pooling of all mineral interest owners in the Bone Spring formation underlying the S/2NW/4 of Section 16 and the S/2N/2 of Section 17 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 mineral interest owners in the Bone Spring formation underlying the S/2NW/4 of Section 16 and the S/2N/2 of Section 17;
- B. Designating applicant as operator of the well;
- C. Considering the cost of drilling, completing, and equipping the well, and allocating the cost among the well's working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, and equipping the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for Mewbourne Oil Company

Application of Mewbourne Oil Company for compulsory pooling, Eddy County, New Mexico.

Mewbourne Oil Company seeks an order pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2NW/4 of Section 16 and the S/2N/2 of Section 17, Township 18 South, Range 28 East, NMPM. The unit will be dedicated to the Pappy 16/17 B2FE State Com. Well No. 1H, with a first take point in the SE/4NW/4 of Section 16 and a last take point in the SW/4NW/4 of Section 17. Also to be considered will be the cost of drilling, completing, and equipping the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling, completing, and equipping the well. The unit is located approximately 11 miles east-southeast of Atoka, 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. 22244

SELF-AFFIRMED STATEMENT OF BRAXTON BLANDFORD

Braxton Blandford deposes and states:

1. I am a landman for Mewbourne Oil Company ("Mewbourne"), and have personal knowledge of the matters stated herein. My educational and work experience is as follows:

I graduated from Texas Tech University in May 2021 from the Energy Commerce program in the Rawls College of Business. I started working full time for Mewbourne Oil Company June 21, 2021, following my internship in the Summer of 2020.

2. Pursuant to Division Rules, the following information is submitted in support of the compulsory pooling application filed herein:

3. The purpose of this application is to force pool working interest owners into the Bone Spring horizontal spacing unit described below, and in wells to be drilled in the unit.

4. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests to the well.

5. A plat outlining the units being pooled is submitted as Attachment A. Mewbourne seeks orders pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2NW/4 of Section 16 and the S/2N/2 of Section 17, Township 18 South, Range 28 East, NMPM. The unit will be dedicated to the Pappy 16/17 B2FE State Com. Well No. 1H, with a first take point in the SE/4NW/4 of Section 16 and a last take point in the SW/4NW/4 of Section 17. There is no depth severance in the Bone Spring formation.

A form C-102 for the well is also submitted as part of Attachment A.

EXHIBIT

2

6. The parties being pooled, and their interests, are set forth in Attachment B. Attachment C is a summary of communications and a sample copy of the proposal letters sent to the uncommitted working interest owners.

7. Some interest owners may be unlocatable. In order to locate the interest owners we examined Eddy County and State Land Office records. In addition, we conducted internet searches using Drilling Info, Accurint, and generic name searches on Google.

Mewbourne has made a good faith effort to locate and obtain the voluntary joinder of the working interest owners in the proposed well.

8. Mewbourne has the right to pool the overriding royalty owners in the well unit.

9. Attachment D contains the Authorization for Expenditure for the proposed well. The estimated costs of the wells set forth therein are fair and reasonable, and comparable to the costs of other wells of similar depth and length drilled in this area of Eddy County.

10. 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.

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

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

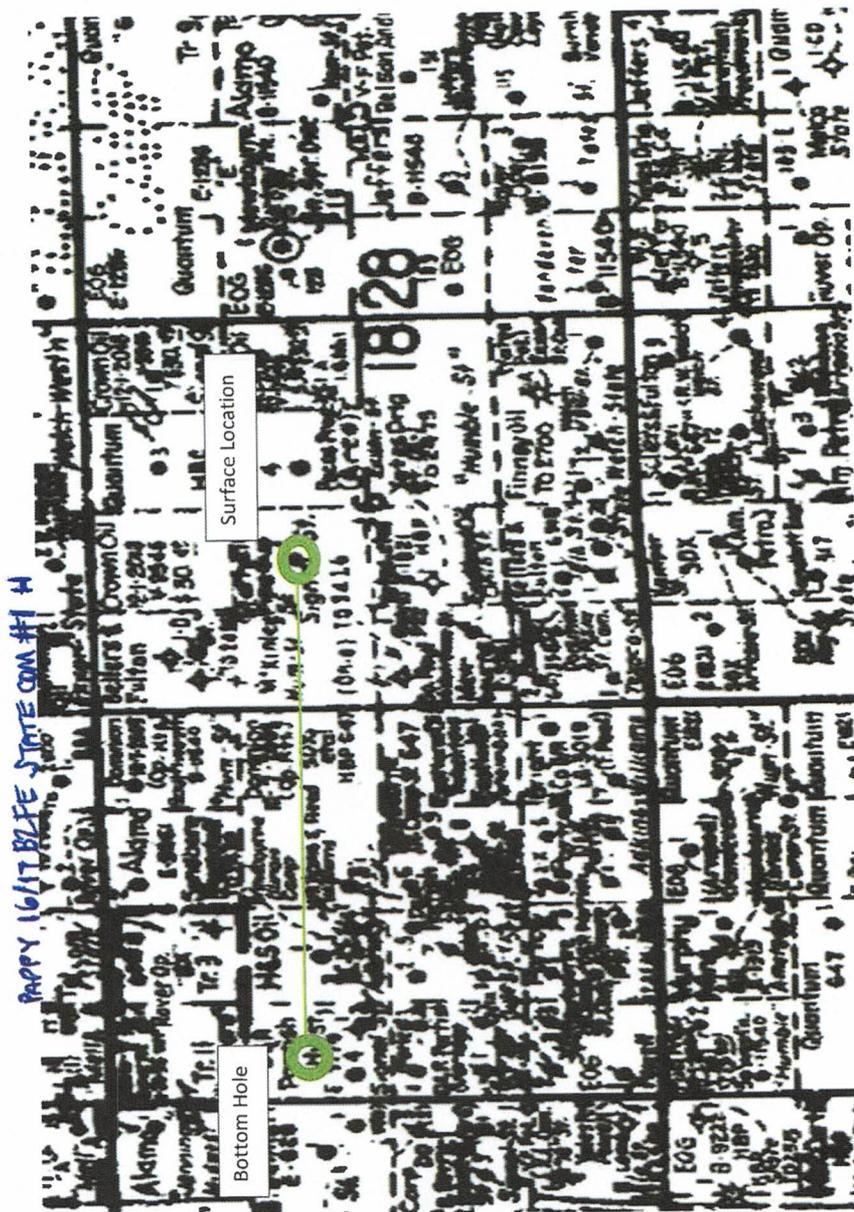
13. The attachments to this affidavit were prepared by me, or compiled from company business records.

14. The granting of 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 14 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: 12/13/2021

Braxton Blandford
Braxton Blandford



ATTACHMENT 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

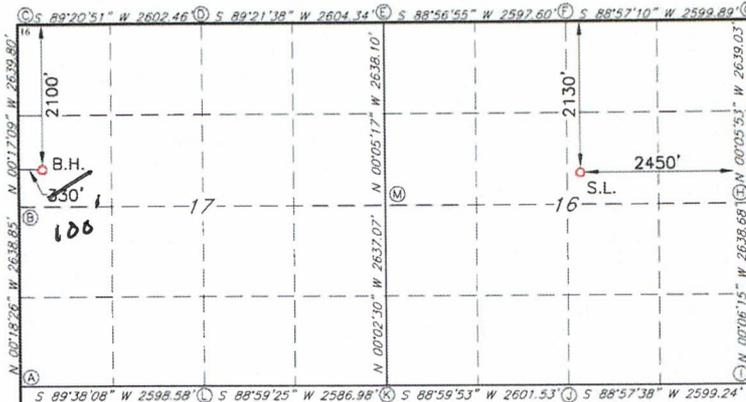
WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name PAPPY 16/17 B2FE STATE COM			6 Well Number 1H
7 GRID NO.		8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 3607'

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
G	16	18S	28E		2130	NORTH	2450	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	17	18S	28E		2100	NORTH	330	WEST	EDDY
12 Dedicated Acres		13 Joint or Infill		14 Consolidation Code		15 Order No. 100			

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.



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.

Signature _____ Date _____
Printed Name _____
E-mail Address _____

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.

05-14-2018
Date of Survey

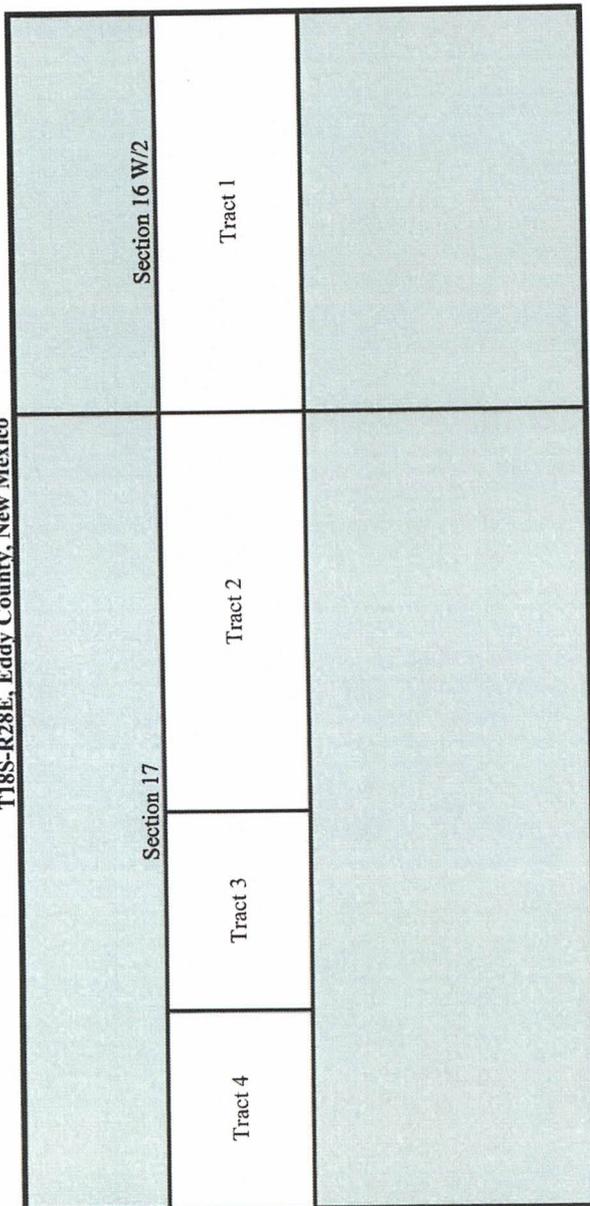
Signature and Seal of Professional Surveyor
ROBERT M. HOWETT
NEW MEXICO
19680
PROFESSIONAL SURVEYOR

19680
Certificate Number

CORNER DATA		GEODETIC DATA	
NAD 83 GRID - NM EAST		NAD 83 GRID - NM EAST	
A: FOUND BRASS CAP "1941" N 633013.2 - E 580446.0	G: FOUND BRASS CAP "1941" N 638444.3 - E 590819.1	SURFACE LOCATION N 636270.1 - E 588373.8	
B: FOUND BRASS CAP "1941" N 635851.4 - E 580431.9	H: FOUND BRASS CAP "1941" N 635806.0 - E 590823.7	LAT: 32.7490499° N LONG: 104.1803406° W	
C: FOUND BRASS CAP "1941" N 638290.5 - E 580418.7	I: FOUND BRASS CAP "1941" N 633168.0 - E 590828.4	BOTTOM HOLE N 636194.8 - E 580759.1	
D: FOUND BRASS CAP "1941" N 638320.1 - E 583020.3	J: FOUND BRASS CAP "1941" N 633120.8 - E 588230.3	LAT: 32.7488707° N LONG: 104.2051090° W	
E: FOUND BRASS CAP "1941" N 638349.2 - E 585623.8	K: FOUND BRASS CAP "1941" N 633075.3 - E 585629.8		
F: FOUND BRASS CAP "1941" N 638396.8 - E 588220.3	L: FOUND BRASS CAP "1941" N 633029.8 - E 583043.9		
	M: FOUND BRASS CAP "1941" N 635711.7 - E 585627.9		

Job No.: LS1805642

Section Plat
 Pappy 16/17 B2FE State Com #1H
 W/2 of Section 16 & All of Section 17
 T18S-R28E, Eddy County, New Mexico



Tract 2: S/2 NE/4 of Section 17-State Lease 647

- Mewbourne Oil Company
- A&S Operating, Inc
- WPX Energy Permian, LLC
- Marathon Oil Permian, LLC
- EOG Resources, Inc

Tract 4: SW/4NW/4 of Section 17-State Lease E-7179

- Mewbourne Oil Company

Tract 1: S/2 NW/4 of Section 16-State Lease E-7179

- Mewbourne Oil Company

Tract 3: SE/4 NW/4 of Section 17-State Lease 647

- Mewbourne Oil Company

ATTACHMENT **B**

RECAPITULATION FOR PAPPY 16/17 B2FE STATE COM #1H

Tract Number	Number of Acres Committed	Percentage of Interest in Communitized Area
1	80	33.33333%
2	80	33.33333%
3	40	16.666667%
4	40	16.666667%
TOTAL	240	100.000000%

TRACT OWNERSHIP

S/2 NW/4 of Section 16 & S/2 N/2 of Section 17

Bone Spring Formation:

Owner	% of Leasehold Interest
Mewbourne Oil Company, et al.	83.333333%
*EOG Resources, Inc. 5509 Champions Dr Midland, TX 79706	6.018520%
*Marathon Oil Permian, LLC 990 Town & Country Blvd. Houston, TX 77024	5.324073%
*WPX Energy Permian, LLC 333 W Sheridan Ave Oklahoma City, Ok 73102	5.324073%

TOTAL 100.000000%

Total Interest Being Pooled: 16.666667%

<u>OWNERSHIP BY TRACT</u>	
<u>S/2 NW/4 of Section 16</u>	
Owner	<u>% of Leasehold Interest</u>
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%
<u>SW/4 NW/4 of Section 17</u>	
Owner	<u>% of Leasehold Interest</u>
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%
<u>SE/4 NW/4 of Section 17</u>	
Owner	<u>% of Leasehold Interest</u>
Mewbourne Oil Company	100.000000%
TOTAL	100.000000%
<u>S/2 NE/4 of Section 17</u>	
Owner	<u>% of Leasehold Interest</u>
Mewbourne Oil Company, et al.	50.000000%
EOG Resources, Inc.	18.055560%
Marathon Oil Permian, LLC	15.972220%
WPX Energy Permian, LLC	15.972220%
TOTAL	100.000000%

Summary of Communications

Pappv 16/17 B2FE State Com #1H

S/2 NW/4 of Section 16 & S/2 N/2 of Section 17

T18S, R28E, Eddy County, New Mexico

EOG Resources, Inc.

6/30/2020: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

7/2/2020: The above listed party received and signed for the certified mailing of the above captioned Well Proposal.

5/13/2021: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

5/14/2021: The above listed party received and signed for the certified mailing of the above captioned Well Proposal.

7/13/2021: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

7/14/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

7/19/2021: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

7/20/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

8/12/2021: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

10/27/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

10/28/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

11/16/2021: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

ATTACHMENT 

Marathon Oil Permian, LLC

6/30/2020: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

7/3/2020: The above listed party received and signed for the certified mailing of the above captioned Well Proposal.

5/13/2021: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

5/15/2021: The above listed party received and signed for the certified mailing of the above captioned Well Proposal.

7/13/2021: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

7/13/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

7/19/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

8/12/2021: Phone correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

11/22/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest Unit.

12/6/2021: Correspondence with above listed party regarding the Well Proposal and Working Interest

WPX Energy Permian, LLC

6/30/2020: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

7/7/2020: The above listed party received and signed for the certified mailing of the above captioned Well Proposal.

5/13/2021: Mailed Working Interest Unit, Well Proposal and Joint Operating Agreement to the above listed party.

5/17/2021: The above listed party received and signed for the certified mailing of the above captioned Well Proposal.

11/16/2021: Phone correspondence with the above listed party regarding the Well Proposal and Working Interest Unit.

Ongoing: WPX informed me 11/16/2021 via our phone correspondence of their intent to make their election under the pooling order.

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715
FACSIMILE (432) 685-4170

June 23, 2020

Certified Mail

EOG Resources, Inc.
5509 Champions Dr.
Midland, TX 79706
Attn: Chloe Sawtelle

Re: Proposed Horizontal Bone Spring Test
Pappy 16/17 B2FE State Com #1H
W/2, Section 16, All, Section 17
Township 18 South, Range 28 East
Eddy County, New Mexico
Pappy Prospect

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne"), as Operator, proposes to form a 960.0 acre Working Interest Unit ("WIU") covering all of the captioned Section 17 and the west-half (W/2) of Section 16 for oil and gas production. The targeted interval for the initial test is the Bone Spring formation. Our records indicate that you own a portion of the operating rights in the WIU and your working interest is reflected on the enclosed AFE.

Mewbourne has plans to drill the following initial test well in the WIU:

Pappy 16/17 B2FE State Com #1H – Bone Spring
Surface Location: 2130' FNL, 2450' FEL, Section 16
Bottom Hole Location: 2100' FNL, 100' FWL, Section 17
Proposed Total Vertical Depth: 6,273'
Proposed Total Measured Depth: 14,280'
Estimated Spud Date: pending APD approval and working interest owner participation elections

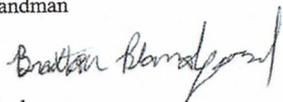
Enclosed are duplicate originals of Mewbourne's cost estimate (AFE) for the drilling of this well. A 1989 Model Form Operating Agreement (JOA) is also included for your review, which includes a non-consent penalty of 300%/100% and COPAS drilling/producing rates of \$8,000.00/month, \$800.00/month respectively. Should you choose to join in the proposed well and WIU, please execute the AFE and JOA, returning one fully executed set of signature pages to the undersigned within thirty (30) days of receipt.

Feel free to contact me at (432) 682-3715 or via email at lscarborough@mewbourne.com if you have any questions.

Very truly yours,

MEWBOURNE OIL COMPANY

Braxton Blandford
Landman

A handwritten signature in black ink, appearing to read "Braxton Blandford", written over a horizontal line.

Enclosures



July 2, 2020

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9402 8106 9994 5051 4092 76.**

Item Details

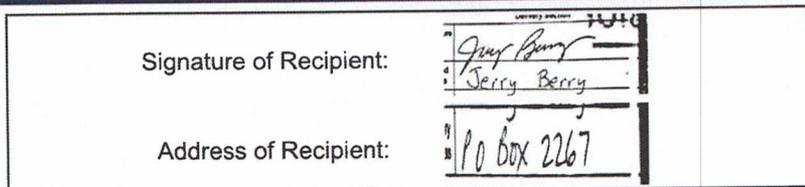
Status: Delivered, Individual Picked Up at Postal Facility
Status Date / Time: July 2, 2020, 7:32 am
Location: MIDLAND, TX 79702
Postal Product: Priority Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic
 Up to \$50 insurance included

Recipient Name: Chloe Sawtelle

Shipment Details

Weight: 1.0oz

Recipient Signature



Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

Chloe Sawtelle
 EOG Resources Inc.
 5509 Champions Dr.
 Midland, Tx 79706
 Reference #: Pappy 16/17

MEWBOURNE OIL COMPANY

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

TELEPHONE (432) 682-3715
FACSIMILE (432) 685-4170

May 7, 2021

Certified Mail

EOG RESOURCES, INC.
5309 Champions Drive
Midland, Texas 79706
Attn: Ms. Chloe Sawtelle

Re: Proposed Horizontal Bone Spring Test
Pappy 16/17 B2FE State Com #1H
W/2, Section 16, All, Section 17
Township 18 South, Range 28 East
Eddy County, New Mexico
Pappy Prospect

Ladies and Gentlemen:

Mewbourne Oil Company ("Mewbourne"), as Operator, proposes to form a 960.0 acre Working Interest Unit ("WIU") covering all of the captioned Section 17 and the west-half (W/2) of Section 16 for oil and gas production. The targeted interval for the initial test is the Bone Spring formation with an estimated spud date of 3Q2021. Our records indicate that you own a portion of the operating rights in the WIU and your working interest is reflected on the enclosed AFE.

Mewbourne has plans to drill the following initial test well in the WIU:

Pappy 16/17 B2FE State Com #1H – Bone Spring
Surface Location: 2130' FNL, 2450' FEL, Section 16
Bottom Hole Location: 2100' FNL, 100' FWL, Section 17
Proposed Total Vertical Depth: 6,273'
Proposed Total Measured Depth: 14,280'
Estimated Spud Date: 3Q2021

Enclosed is Mewbourne's cost estimate (AFE) for the drilling of this well. A 1989 Model Form Operating Agreement (JOA) is also included for your review, which includes a non-consent penalty of 300%/100% and COPAS drilling/producing rates of \$8,000.00/month, \$800.00/month respectively. Should you choose to join in the proposed well and WIU, please execute the AFE and JOA, returning one fully executed set of signature pages to the undersigned within thirty (30) days of receipt.

Feel free to contact me at (432) 682-3715 or via email at lscarborough@mewbourne.com if you have any questions.

Very truly yours,

MEWBOURNE OIL COMPANY

Lee M. Scarborough
Landman

Enclosures



May 14, 2021

Dear Simple Certified:

The following is in response to your request for proof of delivery on your item with the tracking number: **9402 8368 9784 6944 2526 20.**

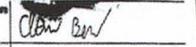
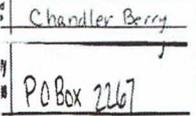
Item Details

Status: Delivered
Status Date / Time: May 14, 2021, 7:49 am
Location: MIDLAND, TX 79702
Postal Product: Priority Mail®
Extra Services: Certified Mail™
 Return Receipt Electronic
 Up to \$100 insurance included
Recipient Name: Ms Chloe Sawtelle

Shipment Details

Weight: 1.0oz

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

Ms. Chloe Sawtelle
 EOG Resources Inc.
 5309 Champions Drive
 Midland, TX 79706
 Reference #: Pappy 16/17

MEWBOURNE OIL COMPANY
AUTHORIZATION FOR EXPENDITURE

Well Name: PAPPY 16/17 B2FE STATE COM #1H	Prospect: PAPPY 16/17
Location: SL: 2130 FNL & 2450 FEL (16); BHL: 2100 FNL & 100 FWL (17)	County: Eddy ST: NM
Sec. 16 Blk: Survey: 	TWP: 18S RNG: 28E Prop. TVD: 6273 TMD: 14280

INTANGIBLE COSTS 0180		CODE	TCP	CODE	CC
Regulatory Permits & Surveys		0180-0100	\$20,000	0180-0200	
Location / Road / Site / Preparation		0180-0105	\$70,000	0180-0205	\$30,000
Location / Restoration		0180-0106	\$200,000	0180-0206	\$30,000
Daywork / Turnkey / Footage Drilling	21 days drlg / 3 days comp @ \$18,550/d	0180-0110	\$416,000	0180-0210	\$59,400
Fuel	1700 gal/day @ \$1.60/gal	0180-0114	\$63,900	0180-0214	\$141,300
Alternate Fuels		0180-0115		0180-0215	
Mud, Chemical & Additives		0180-0120	\$150,000	0180-0220	
Mud - Specialized		0180-0121		0180-0221	
Horizontal Drillout Services				0180-0222	\$180,000
Stimulation Toe Preparation				0180-0223	
Cementing		0180-0125	\$100,000	0180-0225	\$30,000
Logging & Wireline Services		0180-0130	\$2,500	0180-0230	\$200,000
Casing / Tubing / Snubbing Service		0180-0134	\$20,000	0180-0234	\$60,000
Mud Logging		0180-0137	\$30,000		
Stimulation	37 Stg 14.8MM gal & 14.8MM lbs			0180-0241	\$1,000,000
Stimulation Rentals & Other				0180-0242	\$160,000
Water & Other		0180-0145	\$40,000	0180-0245	\$188,200
Bits		0180-0148	\$111,100	0180-0248	\$8,000
Inspection & Repair Services		0180-0150	\$40,000	0180-0250	\$5,000
Misc. Air & Pumping Services		0180-0154		0180-0254	\$10,000
Testing & Flowback Services		0180-0158	\$15,000	0180-0258	\$30,000
Completion / Workover Rig				0180-0260	\$10,500
Rig Mobilization		0180-0164	\$120,000		
Transportation		0180-0165	\$30,000	0180-0265	\$20,000
Welding, Construction, & Maint. Services		0180-0168	\$5,000	0180-0268	\$15,000
Contract Services & Supervision		0180-0170		0180-0270	\$26,200
Directional Services	Includes vertical control	0180-0175	\$288,400		
Equipment Rental		0180-0180	\$188,000	0180-0280	\$30,000
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	\$10,000
Damages		0180-0190	\$10,000	0180-0290	
Pipeline Interconnect & ROW Easements		0180-0192		0180-0292	\$50,000
Company Supervision		0180-0195	\$211,200	0180-0295	\$78,500
Overhead Fixed Rate		0180-0196	\$10,000	0180-0296	\$20,000
Contingencies	2% (TCP) 2% (CC)	0180-0199	\$43,200	0180-0299	\$47,800
TOTAL			\$2,202,300		\$2,439,900

TANGIBLE COSTS 0181		CODE	TCP	CODE	CC
Casing (19.1" - 30")		0181-0793			
Casing (10.1" - 19.0")	325' - 13 3/8" 54.5# J-55 ST&C @ \$32.16/ft	0181-0794	\$11,200		
Casing (8.1" - 10.0")	1000' - 9 5/8" 36# J-55 LT&C @ \$25.77/ft	0181-0795	\$27,500		
Casing (6.1" - 8.0")	6940' - 7" 29# HCP-110 LT&C @ \$24.50/ft	0181-0796	\$181,600		
Casing (4.1" - 6.0")	8350' - 4 1/2" 13.5# P-110 BPN @ \$13.75/ft			0181-0797	\$122,600
Tubing	6090' - 2 7/8" 6.5# L-80 EUE tbq @ \$7.82/ft			0181-0798	\$50,900
Drilling Head		0181-0860	\$35,000		
Tubing Head & Upper Section				0181-0870	\$35,000
Horizontal Completion Tools	Completion liner hanger			0181-0871	\$50,000
Subsurface Equip. & Artificial Lift Sys.	Gas lift valves & packer			0181-0880	\$25,000
Pumping Unit Systems				0181-0885	
Surface Pumps	(1/2) SWD pump/circ pump/VRU			0181-0886	\$40,000
Storage Tanks	(1/2) 5 - 750 bbl & 5 - 750 bbl coated			0181-0890	\$110,000
Emissions Control Equipment				0181-0892	\$80,000
Separation / Treating Equipment	GB, 30"x10"x1k# 3ph, 36"x15"x1k#, VRT, flare, 8"x20"x75# HT			0181-0895	\$102,000
Automation / Metering Equipment				0181-0898	\$30,000
Line Pipe & Valves - Gathering				0181-0900	\$100,000
Fittings / Valves & Accessories				0181-0906	\$150,000
Cathodic Protection				0181-0908	\$5,000
Electrical Installation				0181-0909	\$100,000
Equipment Installation				0181-0910	\$88,000
Pipeline Construction				0181-0920	\$150,000
TOTAL			\$255,300		\$1,238,500
SUBTOTAL			\$2,457,600		\$3,678,400
TOTAL WELL COST			\$6,136,000		

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: <u>T. Cude</u>	Date: <u>2/5/2021</u>
Company Approval: _____	Date: _____
Joint Owner Interest: _____ Amount: _____	Signature: _____
Joint Owner Name: _____	

D
ATTACHMENT

**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. 22243 & 22244

SELF-AFFIRMED STATEMENT OF CHARLES CROSBY

Charles Crosby deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a geologist for Mewbourne Oil Company ("Mewbourne"), and I am familiar with the geological matters involved in these cases. I have been qualified by the Division as an expert petroleum geologist.
3. The attached Exhibits pertain to the Blantons 16/15 B2GH State Com. Well No. 1H and th3 Pappy 16/17 B2FE State Com. Well No. 1H, which are located in adjoining well units.
4. The following geological plats are attached hereto:
 - (a) Attachment A is a structure map on the base of the 2nd Bone Spring Sand, which accurately reflects the structure of the Second Bone Spring Sand. It shows that structure dips gently to the southeast.
 - (b) Attachment B is a 2nd Bone Spring Sand Gross Thickness Map, which is the completion zone of the two proposed wells.
 - (c) Attachment C is a cross section of the 2nd Bone Spring Sand. The well logs on the cross-section give a representative sample of this zone in this area. The target zone for the wells is continuous and uniformly thick across the well unit.
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 the well units.
 - (c) Each quarter-quarter section in each well unit will contribute more or less equally to production from the target zone.

EXHIBIT 3

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

6. Attachment D contains information from nearby 2nd Bone Spring Sand wells drilled in this area. There is a preference for laydown wells.

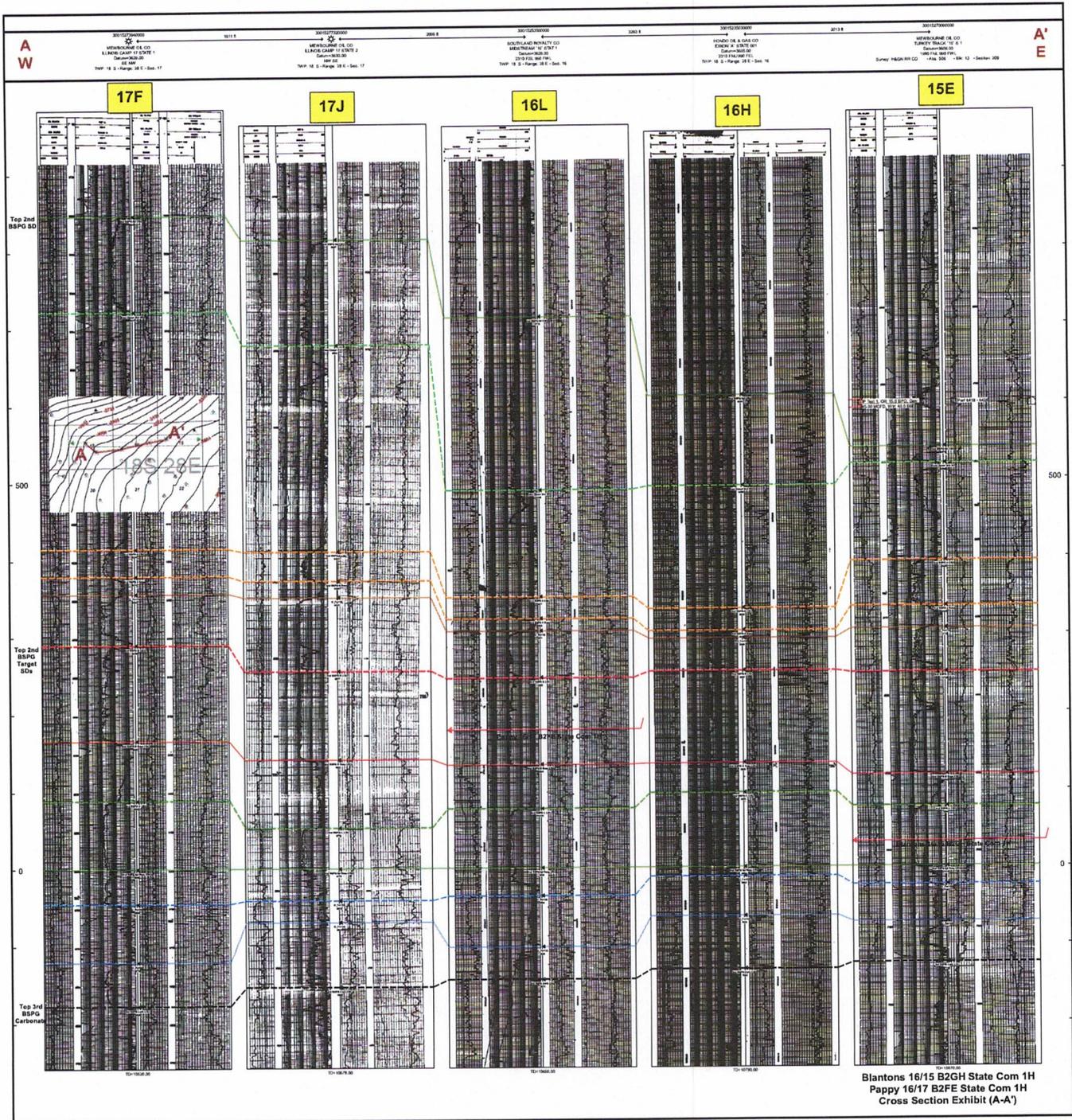
7. Attachment E contains the horizontal drilling plans for the proposed wells. The producing interval of the wells will be orthodox.

8. 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.

Date: 12/14/21



Charles Crosby



ATTACHMENT 

Pappy and Blantons Area 2nd BSPG SD Horizontal Production Table

Well Name	Operator	API	Location	Completion Date	Cum Oil (Mbo)	Cum Gas (Bcf)	Cum Water (Mbw)	NS/EW	Production Zone
Man State 2H	COG	30015429370000	32L/18S/28E	5/2/2015	278.7	1.06	369.3	EW	2nd Bone Spring Sand
Wild Turkey 36/35 B2AB State Com 1H	Mewbourne	30015433190000	36A/18S/28E	4/2/2017	202.7	0.4	535.6	EW	2nd Bone Spring Sand
Lajitas BWQ State Com 1H	COG	30015433900000	26O/18S/28E	9/18/2016	185.3	0.6	540.3	EW	2nd Bone Spring Sand

ATTACHMENT



Mewbourne Oil Company

SURVEY CALCULATION REPORT
Minimum Curvature Calculations

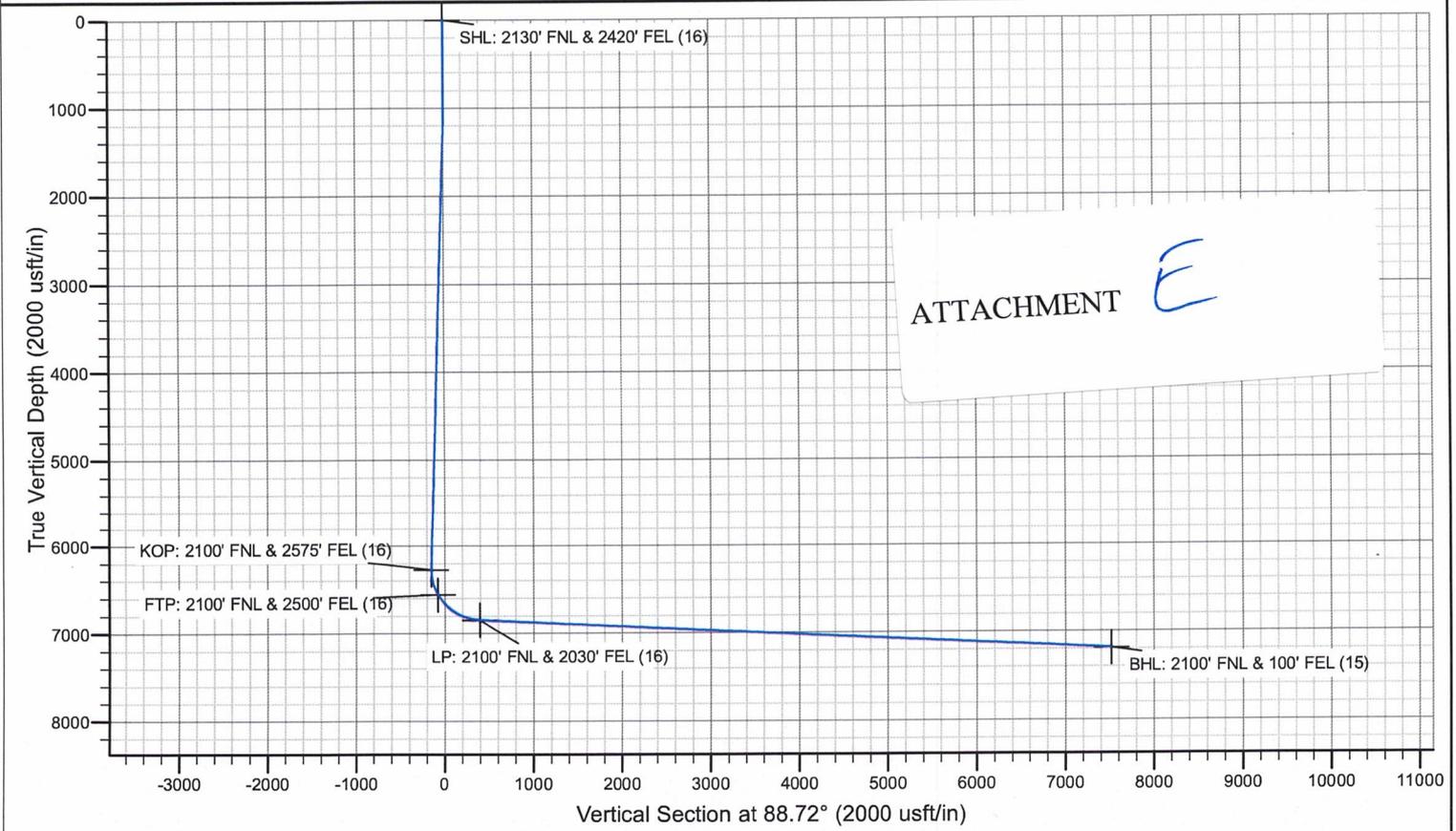
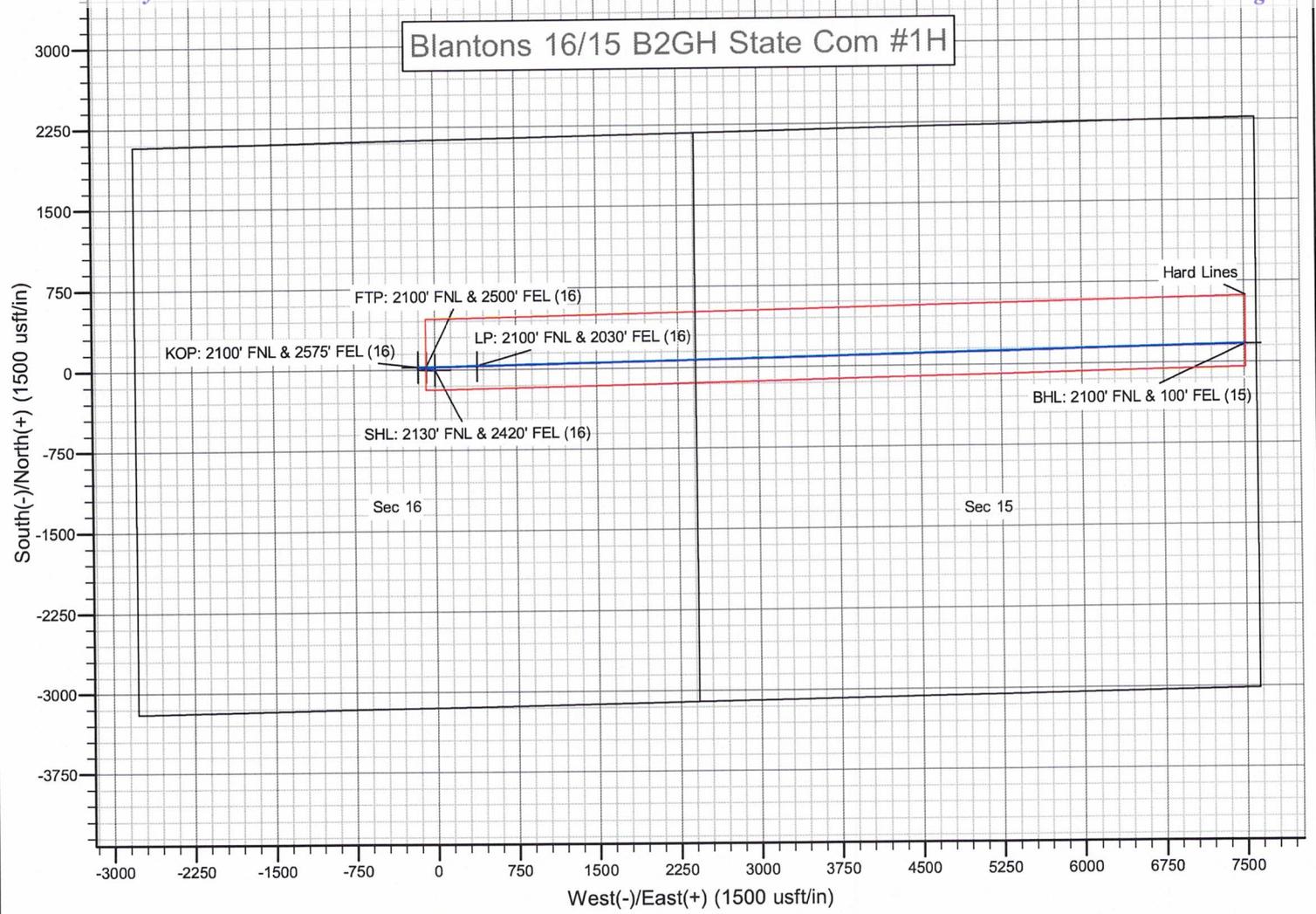
Operator: Mewbourne Oil Company
Lease Name: Pappy 16/17 B2FE State Com 1H
KOP 6093.04
SL: 2130 FNL & 2450 FEL; Sec16G/18S/28E
PBHL: 2100 FNL & 100 FWL; Sec 17E/18S/28E

Target KBTVD: 6,666 Feet 6666.00
Target Angle: 93.10 Degrees 93.10
Section Plane: 269.52 Degrees
Declination Corrected to True North: 6.63 Degrees
Bit to Survey Offset: 44 Feet

Survey No.	Measured Depth-ft	Drift (Deg.)	Azimuth (Deg.)	Course Length	TVD (Feet)	Vertical Section	+N/-S (Feet)	+E/-W (Feet)	Closure Distance	Closure Direction	BUR	DLS	KBTVD	+Above -Below Target		DRIFT (RADIAN)	AZIMUTH (RADIAN)
														DRIFT (RADIAN)	AZIMUTH (RADIAN)		
T/I	6093.04	0.00	269.52	N/A	6093.0	0.0	0.0	0.0	0.0	0.0	N/A	N/A	6093.0	573.0	1E-12	4.70	#VALUE!
1	6186.14	9.31	269.52	93.0959	6185.7	7.5	-0.1	-7.5	7.5	269.5	10.0	10.0	6186.1	479.9	0.16248297	4.70	0.162483
2	6279.23	18.62	269.52	93.0959	6276.0	30.0	-0.2	-30.0	30.0	269.5	10.0	10.0	6277.6	388.4	0.32496594	4.70	0.162483
3	6372.33	27.93	269.52	93.0959	6361.4	66.7	-0.6	-66.7	66.7	269.5	10.0	10.0	6365.0	301.0	0.48744891	4.70	0.162483
4	6465.43	37.24	269.52	93.0959	6439.8	116.8	-1.0	-116.8	116.8	269.5	10.0	10.0	6446.1	219.9	0.64993188	4.70	0.162483
5	6558.52	46.55	269.52	93.0959	6509.0	178.9	-1.5	-178.9	178.9	269.5	10.0	10.0	6518.7	147.3	0.81241485	4.70	0.162483
6	6651.62	55.86	269.52	93.0959	6567.2	251.4	-2.1	-251.4	251.4	269.5	10.0	10.0	6580.8	85.2	0.97489782	4.70	0.162483
7	6744.71	65.17	269.52	93.0959	6613.0	332.3	-2.8	-332.3	332.3	269.5	10.0	10.0	6631.0	35.0	1.13738079	4.70	0.162483
8	6837.81	74.48	269.52	93.0959	6645.1	419.6	-3.5	-419.6	419.6	269.5	10.0	10.0	6667.8	-1.8	1.29986376	4.70	0.162483
9	6930.91	83.79	269.52	93.0959	6662.6	510.9	-4.3	-510.9	510.9	269.5	10.0	10.0	6690.3	-24.3	1.46234673	4.70	0.162483
10	7024.00	93.10	269.52	93.0959	6665.2	603.9	-5.0	-603.9	603.9	269.5	10.0	10.0	6697.8	-31.8	1.6248297	4.70	0.162483
11	7100.00	93.10	269.52	75.999	6661.1	679.8	-5.7	-679.8	679.8	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
12	7200.00	93.10	269.52	100	6655.7	779.6	-6.5	-779.6	779.6	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
13	7300.00	93.10	269.52	100	6650.3	879.5	-7.3	-879.5	879.5	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
14	7400.00	93.10	269.52	100	6644.9	979.4	-8.2	-979.3	979.4	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
15	7500.00	93.10	269.52	100	6639.5	1079.2	-9.0	-1079.2	1079.2	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
16	7600.00	93.10	269.52	100	6634.1	1179.1	-9.8	-1179.0	1179.1	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
17	7700.00	93.10	269.52	100	6628.7	1278.9	-10.7	-1278.9	1278.9	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
18	7800.00	93.10	269.52	100	6623.3	1378.8	-11.5	-1378.7	1378.8	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
19	7900.00	93.10	269.52	100	6617.9	1478.6	-12.3	-1478.6	1478.6	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
20	8000.00	93.10	269.52	100	6612.5	1578.5	-13.1	-1578.4	1578.5	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
21	8100.00	93.10	269.52	100	6607.1	1678.3	-14.0	-1678.3	1678.3	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
22	8200.00	93.10	269.52	100	6601.7	1778.2	-14.8	-1778.1	1778.2	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
23	8300.00	93.10	269.52	100	6596.3	1878.0	-15.6	-1878.0	1878.0	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
24	8400.00	93.10	269.52	100	6590.9	1977.9	-16.5	-1977.8	1977.9	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
25	8500.00	93.10	269.52	100	6585.4	2077.7	-17.3	-2077.7	2077.7	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
26	8600.00	93.10	269.52	100	6580.0	2177.6	-18.1	-2177.5	2177.6	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
27	8700.00	93.10	269.52	100	6574.6	2277.5	-19.0	-2277.4	2277.5	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
28	8800.00	93.10	269.52	100	6569.2	2377.3	-19.8	-2377.2	2377.3	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
29	8900.00	93.10	269.52	100	6563.8	2477.2	-20.6	-2477.1	2477.2	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
30	9000.00	93.10	269.52	100	6558.4	2577.0	-21.5	-2576.9	2577.0	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
31	9100.00	93.10	269.52	100	6553.0	2676.9	-22.3	-2676.8	2676.9	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
32	9200.00	93.10	269.52	100	6547.6	2776.7	-23.1	-2776.6	2776.7	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
33	9300.00	93.10	269.52	100	6542.2	2876.6	-24.0	-2876.5	2876.6	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
34	9400.00	93.10	269.52	100	6536.8	2976.4	-24.8	-2976.3	2976.4	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
35	9500.00	93.10	269.52	100	6531.4	3076.3	-25.6	-3076.2	3076.3	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
36	9600.00	93.10	269.52	100	6526.0	3176.1	-26.5	-3176.0	3176.1	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
37	9700.00	93.10	269.52	100	6520.6	3276.0	-27.3	-3275.9	3276.0	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
38	9800.00	93.10	269.52	100	6515.2	3375.8	-28.1	-3375.7	3375.8	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
39	9900.00	93.10	269.52	100	6509.8	3475.7	-28.9	-3475.6	3475.7	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
40	10000.00	93.10	269.52	100	6504.4	3575.6	-29.8	-3575.4	3575.6	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
41	10100.00	93.10	269.52	100	6499.0	3675.4	-30.6	-3675.3	3675.4	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
42	10200.00	93.10	269.52	100	6493.6	3775.3	-31.4	-3775.1	3775.3	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
43	10300.00	93.10	269.52	100	6488.2	3875.1	-32.3	-3875.0	3875.1	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
44	10400.00	93.10	269.52	100	6482.8	3975.0	-33.1	-3974.8	3975.0	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
45	10500.00	93.10	269.52	100	6477.4	4074.8	-33.9	-4074.7	4074.8	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
46	10600.00	93.10	269.52	100	6472.0	4174.7	-34.8	-4174.5	4174.7	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
47	10700.00	93.10	269.52	100	6466.6	4274.5	-35.6	-4274.4	4274.5	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
48	10800.00	93.10	269.52	100	6461.2	4374.4	-36.4	-4374.2	4374.4	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
49	10900.00	93.10	269.52	100	6455.8	4474.2	-37.3	-4474.1	4474.2	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
50	11000.00	93.10	269.52	100	6450.4	4574.1	-38.1	-4573.9	4574.1	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
51	11100.00	93.10	269.52	100	6445.0	4674.0	-38.9	-4673.8	4674.0	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
52	11200.00	93.10	269.52	100	6439.6	4773.8	-39.8	-4773.6	4773.8	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
53	11300.00	93.10	269.52	100	6434.2	4873.7	-40.6	-4873.5	4873.7	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
54	11400.00	93.10	269.52	100	6428.8	4973.5	-41.4	-4973.3	4973.5	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
55	11500.00	93.10	269.52	100	6423.4	5073.4	-42.3	-5073.2	5073.4	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
56	11600.00	93.10	269.52	100	6418.0	5173.2	-43.1	-5173.0	5173.2	269.5</							

57	11700.00	93.10	269.52	100	6412.6	5273.1	-43.9	-5272.9	5273.1	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
58	11800.00	93.10	269.52	100	6407.2	5372.9	-44.7	-5372.7	5372.9	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
59	11900.00	93.10	269.52	100	6401.8	5472.8	-45.6	-5472.6	5472.8	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
60	12000.00	93.10	269.52	100	6396.4	5572.6	-46.4	-5572.4	5572.6	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
61	12100.00	93.10	269.52	100	6391.0	5672.5	-47.2	-5672.3	5672.5	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
62	12200.00	93.10	269.52	100	6385.6	5772.3	-48.1	-5772.1	5772.3	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
63	12300.00	93.10	269.52	100	6380.2	5872.2	-48.9	-5872.0	5872.2	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
64	12400.00	93.10	269.52	100	6374.8	5972.1	-49.7	-5971.8	5972.1	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
65	12500.00	93.10	269.52	100	6369.4	6071.9	-50.6	-6071.7	6071.9	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
66	12600.00	93.10	269.52	100	6364.0	6171.8	-51.4	-6171.5	6171.8	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
67	12700.00	93.10	269.52	100	6358.6	6271.6	-52.2	-6271.4	6271.6	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
68	12800.00	93.10	269.52	100	6353.2	6371.5	-53.1	-6371.2	6371.5	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
69	12900.00	93.10	269.52	100	6347.8	6471.3	-53.9	-6471.1	6471.3	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
70	13000.00	93.10	269.52	100	6342.4	6571.2	-54.7	-6571.0	6571.2	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
71	13100.00	93.10	269.52	100	6337.0	6671.0	-55.6	-6670.8	6671.0	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
72	13200.00	93.10	269.52	100	6331.6	6770.9	-56.4	-6770.7	6770.9	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
73	13300.00	93.10	269.52	100	6326.2	6870.7	-57.2	-6870.5	6870.7	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
74	13400.00	93.10	269.52	100	6320.8	6970.6	-58.1	-6970.4	6970.6	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
75	13500.00	93.10	269.52	100	6315.4	7070.4	-58.9	-7070.2	7070.4	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
76	13600.00	93.10	269.52	100	6310.0	7170.3	-59.7	-7170.1	7170.3	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
77	13700.00	93.10	269.52	100	6304.6	7270.2	-60.5	-7269.9	7270.2	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
78	13800.00	93.10	269.52	100	6299.2	7370.0	-61.4	-7369.8	7370.0	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
79	13900.00	93.10	269.52	100	6293.8	7469.9	-62.2	-7469.6	7469.9	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
80	14000.00	93.10	269.52	100	6288.4	7569.7	-63.0	-7569.5	7569.7	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
81	14100.00	93.10	269.52	100	6283.0	7669.6	-63.9	-7669.3	7669.6	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
82	14200.00	93.10	269.52	100	6277.6	7769.4	-64.7	-7769.2	7769.4	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10
83	14240.77	93.10	269.52	40.7707	6275.4	7810.1	-65.0	-7809.9	7810.1	269.5	0.0	0.0	6697.8	-31.8	1.6248297	4.70	1E-10

Blantons 16/15 B2GH State Com #1H



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

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

Case No. 22244

SELF-AFFIRMED STATEMENT OF NOTICE

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

James Bruce deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Mewbourne Oil Company.
3. Mewbourne Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the application filed herein.
4. Notice of the application was provided to the interest 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.
6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 12/14/21

James Bruce
James Bruce

EXHIBIT 4

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

November 15, 2021

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

To: Persons on Exhibit A

Ladies and gentlemen:

Enclosed is a copy of an application for compulsory pooling, filed with the New Mexico Oil Conservation Division by Mewbourne Oil Company (Case No. 22244), regarding a Bone Spring well in a horizontal well unit comprised of the S/2NW/4 of Section 16 and the S/2N/2 of Section 17, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico.

This matter is re-scheduled for hearing at 8:15 a.m. on Thursday, December 16, 2021. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, 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 Thursday, December 9, 2021. This statement may be filed online with the Division at ocd.hearings@state.nm.us, 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

ATTACHMENT

A

EXHIBIT A

Israel Tennis Centers Association
3275 W. Hillsboro Blvd., Suite 102
Deerfield Beach, FL 33442

Media Fellowship International
7210 NE 149th Place
Kenmore, WA 98028

World Alliance for Peace
53 Royal Sands Beach Road
Eston Super Mare
BS23 4NH
United Kingdom

Boys and Girls Harbor
One East 104th Street
New York, NY 10029

Christ in You the Hope of Glory
511 Site Drive #271
Brea, CA 92821

Enduring Resources IV LLC
1050 16th Street, Suite 700
Denver, CO 80202

EOG Resources, Inc.
Midland Division – Land Department
P.O. Box 2267
Midland, Texas 79702

OXY USA Inc.
5 Greenway Plaza, Suite 110
Houston, TX 77046

Marathon Oil Permian LLC
5555 San Felipe St.
Houston, TX 77056

WPX Energy Permian LLC
3500 One Williams Center
Tulsa, OK 74172

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Christ in You the Hope of Glory
511 Site Drive #271
Brea, CA 92821



9590 9402 6746 1074 2341 05

2. Article Addressed to: 7021 0950 0002 0365 5005

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature Agent Addressee
- B. Received by (Printed Name) Petronela C. Date of Delivery 1/20/21
- D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below:

3. Service Type
- Priority Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Certified Mail®
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery

M.P.N

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

For delivery information, visit our website at www.usps.com® OFFICIAL USE

Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and F. Israel Tennis Centers Association
3275 W. Hillsboro Blvd., Suite 102
Deerfield Beach, FL 33442

Sent To \$

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

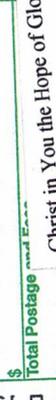
72021 0950 0002 0365 5005

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Israel Tennis Centers Association
3275 W. Hillsboro Blvd., Suite 102
Deerfield Beach, FL 33442



9590 9402 6746 1074 2340 44

2. Article Number (Transfer from item 1) 7021 0950 0002 0365 4121

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature Agent Addressee
- B. Received by (Printed Name) C. Date of Delivery
- D. Is delivery address different from item 1? Yes No
If YES, enter delivery address below:

3. Service Type
- Priority Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Certified Mail®
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery

Insured Mail Restricted Delivery (over \$500)

7021 0950 0002 0365 4121

M-P-N

72021 0950 0002 0365 5005

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE.
CERTIFIED MAIL® 23 NOV 2021PM 2 L



7021 0950 0002 0365 4114

James Bruce
P.O. Box 1056
Santa Fe, New Mexico 87504



WPX Energy Permian LLC
3500 One Williams Center
Tulsa, OK 74172

NIXIE 731 FE 1 0012/05/21
RETURN TO SENDER
NOT DELIVERABLE AS ADDRESSED
UNABLE TO FORWARD
BC: 87504105656 *0568-00648-23-40

UTF
74150481056

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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Certified Mail Fee	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	
Total Postage and Fees	
\$	

Postmark Here

Sent To	
WPX Energy Permian LLC	
3500 One Williams Center	
Tulsa, OK 74172	
Street and Apt.	
City, State, ZIP+4®	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7021 0950 0002 0365 4114

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE
CERTIFIED MAIL

James Bruce
P.O. Box 1056
Santa Fe, New Mexico 87504



7021 0950 0002 0365 4107



Marathon Oil Permian LLC
5555 San Felipe St.
Houston, TX 77056

773 DE 1 0012/01/21
RETURN TO SENDER
INSUFFICIENT ADDRESS
UNABLE TO FORWARD
12/17
BC: 87504105656 *1793-02537-01-31

IA
87504-1056

.. 9327000085341950

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Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To
Marathon Oil Permian LLC
5555 San Felipe St.
Houston, TX 77056

Street and Apt. No.,
City, State, ZIP+4®

Postmark Here

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7021 0950 0002 0365 4107

7021 0950 0002 0365 4138

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Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To Media Fellowship International
7210 NE 149th Place
Kenmore, WA 98028

City, State, ZIP+4® _____

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7021 0950 0002 0365 4091

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Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To OXY USA Inc.
5 Greenway Plaza, Suite 110
Houston, TX 77046

City, State, ZIP+4® _____

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7021 0950 0002 0365 4077

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Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To Enduring Resources IV LLC
16th Street, Suite 700
Denver, CO 80202

City, State, ZIP+4® _____

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7021 0950 0002 0365 4992

U.S. Postal Service™
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OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To Boys and Girls Harbor
One East 104th Street
New York, NY 10029

City, State, ZIP+4® _____

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Registered No. RB266492650US Date Stamp 0500 48

Postage \$ <u>\$1.30</u>	Extra Services & Fees (continued)
Extra Services & Fees	<input type="checkbox"/> Signature Confirmation \$ _____
<input type="checkbox"/> Registered Mail \$ <u>\$17.15</u>	<input type="checkbox"/> Signature Confirmation Restricted Delivery \$ _____
<input type="checkbox"/> Return Receipt (hardcopy) \$ <u>\$0.00</u>	Total Postage & Fees \$ <u>\$18.45</u>
<input type="checkbox"/> Return Receipt (electronic) \$ <u>\$0.00</u>	Customer Must Declare Full Value \$ <u>\$0.00</u>
<input type="checkbox"/> Restricted Delivery \$ <u>\$0.00</u>	Received by <u>11/24/2021</u>

Domestic Insurance up to \$50,000 is included based upon the declared value. International indemnity is limited. (See Reverse).

OFFICIAL USE

FROM James Bruce
PO Box 1056
Santa Fe, NM 87504-1056
USA

TO World Alliance for Peace
53 Royal Sands Beach Road
Eston Super Mare
BS23 4NH
United Kingdom

7021 0950 0002 0365 4084

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To EOG Resources, Inc.
Midland Division – Land Department
P.O. Box 2267
Midland, Texas 79702

City, State, ZIP+4® _____

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Carlsbad Current Argus.

PART OF THE USA TODAY NETWORK

Affidavit of Publication

Ad # 0004970664

This is not an invoice

JAMES BRUCE ATTORNEY AT LAW
POBOX 1056

SANTA FE, NM 87504

I, a legal clerk of the **Carlsbad Current Argus**, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof in editions dated as follows:

10/23/2021

Nicole Jacobs
Legal Clerk

Subscribed and sworn before me this October 23, 2021:

Kathleen Allen
State of WI, County of Brown
NOTARY PUBLIC
1-7-25
My commission expires

KATHLEEN ALLEN
Notary Public
State of Wisconsin

Ad # 0004970664
PO #: Case No. 22244
of Affidavits 1

This is not an invoice

EXHIBIT *5*

NOTICE

To: Israel Tennis Centers Association, Media Fellowship International, World Alliance for Peace, Boys and Girls Harbor, Christ in You the Hope of Glory, Enduring Resources IV LLC, EOG Resources, Inc., OXY USA Inc., Marathon Oil Permian LLC, and WPX Energy Permian LLC, or your heirs, devisees, successors, or assigns: Mewbourne Oil Company has filed an application (Case No. 22244) with the New Mexico Oil Conservation Division seeking an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the S/2NW/4 of Section 16 and the S/2N/2 of Section 17, Township 18 South, Range 28 East, NMPM. The unit will be dedicated to the Pappy 16/17 B2FE State Com. Well No. 1H, with a first take point in the SE/4NW/4 of Section 16 and a last take point in the SW/4NW/4 of Section 17. Also to be considered will be the cost of drilling, completing, and equipping the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling, completing, and equipping the well. This matter is scheduled for hearing at 8:15 a.m. on Thursday, November 4, 2021. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>. You are not required to attend this hearing, but as an owner of an interest who may be affected by the application, 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. The attorney for applicant is James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504. The unit is located approximately 11 miles east-southeast of Atoka, New Mexico. #4970664, Current Argus, October 23, 2021

COMPULSORY POOLING APPLICATION CHECKLIST**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case:	22244
Date:	December 16, 2021
Applicant	Mewbourne Oil Company
Designated Operator & OGRID (affiliation if applicable)	Mewbourne Oil Company/OGRID No.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	Pappy well
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Bone Spring formation
Pool Name and Pool Code:	Illinois Camp; Bone Spring/Pool Code 33590
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter sections/40 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	240 acres
Building Blocks:	40 acres
Orientation:	West - East
Description: TRS/County	S/2NW/4 §16 and S/2N/2 §17-18S-28E, NMPM, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
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)	Pappy 16/7 B2FE State Com. Well No. 1H API No. 30-015-Pending SHL: 2130 FNL & 2450 FEL §16 BHL: 2100 FNL & 100 FWL §17 FTP: 2100 FNL & 2540 FWL §16 LTP: 2100 FNL & 100 FWL §17 Bone Spring/TVD 6273 feet/MD 14280 feet
Horizontal Well First and Last Take	See above

EXHIBIT

6

Points	
Completion Target (Formation, TVD and MD)	See above
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2, page 2
Requested Risk Charge	Cost + 200%/Exhibit 2, page 2
Notice of Hearing	
Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit 5
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit 2-B
Tract List (including lease numbers and owners)	Exhibit 2-B
Pooled Parties (including ownership type)	Exhibit 2-B
Unlocatable Parties to be Pooled	
Ownership Depth Severance (including percentage above & below)	None
Joinder	
Sample Copy of Proposal Letter	Exhibit 2-C
List of Interest Owners (<i>i.e.</i> Exhibit A of JOA)	Exhibit 2-B
Chronology of Contact with Non-Joined Working Interests	Exhibit 2-C
Overhead Rates In Proposal Letter	Exhibit 2-C
Cost Estimate to Drill and Complete	Exhibit 2-D
Cost Estimate to Equip Well	Exhibit 2-D
Cost Estimate for Production Facilities	Exhibit 2-D
Geology	
Summary (including special considerations)	Exhibit 3
Spacing Unit Schematic	Exhibits 2-A and 3-A
Gunbarrel/Lateral Trajectory Schematic	Exhibit -C
Well Orientation (with rationale)	Laydown/Exhibit 3
Target Formation	Bone Spring
HSU Cross Section	Exhibit 3-C
Depth Severance Discussion	Not Applicable
Forms, Figures and Tables	
C-102	Exhibit 2-A
Tracts	Exhibit 2-B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 2-B
General Location Map (including basin)	Exhibits 2-A and 3-A

Well Bore Location Map	Exhibits 2-A and 3-A
Structure Contour Map - Subsea Depth	Exhibit 3-A
Cross Section Location Map (including wells)	Exhibits 3-B and 3-C
Cross Section (including Landing Zone)	Exhibit 3-C
Additional Information	
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):	<i>James Bruce</i>
Date:	December 14, 2021