

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised August 1, 2011

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-46932
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Pappy 16/17 B2KL State Com
8. Well Number 1H
9. OGRID Number 14744
10. Pool name or Wildcat Illinois Camp; Bone Spring (33590)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3595' GL

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Mewbourne Oil Company

3. Address of Operator
PO Box 5270, Hobbs, NM 88240

4. Well Location
 Unit Letter K: 2050 feet from the South line and 2435 feet from the West line
 Section 16 Township 18S Range 28E NMPM County Eddy

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
OTHER: ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Mewbourne Oil Company has an approved APD for the above well. MOC requests approval to make the following changes:

- 1) Change SHL to 2050' FSL & 2325' FWL, Sec 16, T18S, R28E, Eddy County.
- 2) Adjust casing design as detailed below.

Casing Type	Fluid Type	Hole Size	Casing Size	Casing Grade	Casing Weight	Top MD	Setting Depth	Sacks Cement	Top Cement
Surface	Spud Mud	17.5	13 3/8"	H40	48	0	350	305	0
Intermediate	Brine	12.25	9 5/8"	J55	36	0	775	250	0
Production	Cut Brine	8.75	7"	P110	26	0	6124	675	575
Liner	OBM	6.125	4 1/2"	P110	13.5	5924	14144	330	5924

Spud Date: Est. September 2022

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Andrew W Taylor TITLE Engineer DATE 7/11/2022

Type or print name Andy Taylor E-mail address: ataylor@mewbourne.com PHONE: (575) 393-5905

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46932	² Pool Code 33590	³ Pool Name ILLINOIS CAMP; BONE SPRING
⁴ Property Code 327349	⁵ Property Name PAPPY 16/17 B2KL STATE COM	⁶ Well Number 1H
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁹ Elevation 3595'

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
K	16	18S	28E		2050	SOUTH	2325	WEST	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
L	17	18S	28E		1980	SOUTH	100	WEST	EDDY
¹² Dedicated Acres 240	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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

¹⁶ CORNER DATA NAD 83 GRID - NM EAST <table border="0"> <tr> <td>A: FOUND BRASS CAP "1941" N 633013.2 - E 580446.0</td> <td>H: FOUND BRASS CAP "1941" N 635806.0 - E 590823.7</td> </tr> <tr> <td>B: FOUND BRASS CAP "1941" N 635651.4 - E 580431.9</td> <td>I: FOUND BRASS CAP "1941" N 633168.0 - E 590828.4</td> </tr> <tr> <td>C: FOUND BRASS CAP "1941" N 638290.5 - E 580418.7</td> <td>J: FOUND BRASS CAP "1941" N 633120.8 - E 588230.3</td> </tr> <tr> <td>D: FOUND BRASS CAP "1941" N 638320.1 - E 583020.3</td> <td>K: FOUND BRASS CAP "1941" N 633075.3 - E 585629.8</td> </tr> <tr> <td>E: FOUND BRASS CAP "1941" N 638349.2 - E 585623.8</td> <td>L: FOUND BRASS CAP "1941" N 633029.8 - E 583043.9</td> </tr> <tr> <td>F: FOUND BRASS CAP "1941" N 638396.8 - E 588220.3</td> <td>M: FOUND BRASS CAP "1941" N 635711.7 - E 585627.9</td> </tr> <tr> <td>G: FOUND BRASS CAP "1941" N 638444.3 - E 590819.1</td> <td></td> </tr> </table> S 89°20'51" W 2602.46' S 89°21'38" W 2604.34' S 88°56'55" W 2597.60' S 88°57'10" W 2599.89' <table border="1"> <tr> <td> GEODETIC DATA NAD 83 GRID - NM EAST BOTTOM HOLE N: 634993.3 - E: 580535.4 LAT: 32.7455690° N LONG: 104.2058413° W </td> <td> GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 635165.5 - E: 587952.4 LAT: 32.7460153° N LONG: 104.1817167° W </td> </tr> </table> 100' 17 2325 16 2050 B.H. S 89°38'08" W 2598.59' S 88°59'25" W 2586.99' S 88°59'53" W 2601.53' S 88°57'38" W 2599.24'	A: FOUND BRASS CAP "1941" N 633013.2 - E 580446.0	H: FOUND BRASS CAP "1941" N 635806.0 - E 590823.7	B: FOUND BRASS CAP "1941" N 635651.4 - E 580431.9	I: FOUND BRASS CAP "1941" N 633168.0 - E 590828.4	C: FOUND BRASS CAP "1941" N 638290.5 - E 580418.7	J: FOUND BRASS CAP "1941" N 633120.8 - E 588230.3	D: FOUND BRASS CAP "1941" N 638320.1 - E 583020.3	K: FOUND BRASS CAP "1941" N 633075.3 - E 585629.8	E: FOUND BRASS CAP "1941" N 638349.2 - E 585623.8	L: FOUND BRASS CAP "1941" N 633029.8 - E 583043.9	F: FOUND BRASS CAP "1941" N 638396.8 - E 588220.3	M: FOUND BRASS CAP "1941" N 635711.7 - E 585627.9	G: FOUND BRASS CAP "1941" N 638444.3 - E 590819.1		GEODETIC DATA NAD 83 GRID - NM EAST BOTTOM HOLE N: 634993.3 - E: 580535.4 LAT: 32.7455690° N LONG: 104.2058413° W	GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 635165.5 - E: 587952.4 LAT: 32.7460153° N LONG: 104.1817167° W	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. <i>Andrew W Taylor</i> 7/11/2022 Signature Date Andy Taylor Printed Name ataylor@mewbourne.com 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. 05/04/2022 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number REV: SL & BH MOVE-05/04/22 Job No.: LS20010062R
A: FOUND BRASS CAP "1941" N 633013.2 - E 580446.0	H: FOUND BRASS CAP "1941" N 635806.0 - E 590823.7																
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Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Pappy 16/17 B2KL St Com #1H

Sec 16, T18S, R28E

SHL: 2050' FSL & 2325' FWL, Sec 16

BHL: 1980' FSL & 100' FWL, Sec 17

Plan: Design #1

Standard Planning Report

11 July, 2022

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pappy 16/17 B2KL St Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3623.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3623.0usft (Original Well Elev)
Site:	Pappy 16/17 B2KL St Com #1H	North Reference:	Grid
Well:	Sec 16, T18S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 1980' FSL & 100' FWL, Sec 17		
Design:	Design #1		

Project	Eddy County, New Mexico NAD 83		
Map System:	US State Plane 1983	System Datum:	Ground Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Pappy 16/17 B2KL St Com #1H		
Site Position:		Northing:	635,166.00 usft
From:	Map	Easting:	587,952.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32.7460167
		Longitude:	-104.1817178

Well	Sec 16, T18S, R28E		
Well Position	+N/-S	0.0 usft	Northing: 635,166.00 usft
	+E/-W	0.0 usft	Easting: 587,952.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	3,623.0 usft
Grid Convergence:	0.08 °	Ground Level:	3,595.0 usft

Wellbore	BHL: 1980' FSL & 100' FWL, Sec 17				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.47	60.48	48,482.36432635

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	268.66

Plan Survey Tool Program	Date	7/11/2022		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	14,143.5	Design #1 (BHL: 1980' FSL & 100	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
540.7	2.81	103.93	540.6	-0.8	3.4	2.00	2.00	0.00	103.93	
5,983.0	2.81	103.93	5,976.4	-65.2	262.6	0.00	0.00	0.00	0.00	
6,123.7	0.00	0.00	6,117.0	-66.0	266.0	2.00	-2.00	0.00	180.00	KOP: 1980' FSL & 25'
7,053.1	92.82	269.20	6,690.0	-74.4	-335.8	9.99	9.99	0.00	-90.80	
14,143.5	92.82	269.20	6,341.0	-173.0	-7,417.0	0.00	0.00	0.00	0.00	BHL: 1980' FSL & 100'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pappy 16/17 B2KL St Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3623.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3623.0usft (Original Well Elev)
Site:	Pappy 16/17 B2KL St Com #1H	North Reference:	Grid
Well:	Sec 16, T18S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 1980' FSL & 100' FWL, Sec 17		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL: 2050' FSL & 2325' FWL (16)									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	2.00	103.93	500.0	-0.4	1.7	-1.7	2.00	2.00	0.00
540.7	2.81	103.93	540.6	-0.8	3.4	-3.3	2.00	2.00	0.00
600.0	2.81	103.93	599.9	-1.5	6.2	-6.1	0.00	0.00	0.00
700.0	2.81	103.93	699.8	-2.7	10.9	-10.9	0.00	0.00	0.00
800.0	2.81	103.93	799.6	-3.9	15.7	-15.6	0.00	0.00	0.00
900.0	2.81	103.93	899.5	-5.1	20.5	-20.3	0.00	0.00	0.00
1,000.0	2.81	103.93	999.4	-6.3	25.2	-25.1	0.00	0.00	0.00
1,100.0	2.81	103.93	1,099.3	-7.4	30.0	-29.8	0.00	0.00	0.00
1,200.0	2.81	103.93	1,199.1	-8.6	34.8	-34.6	0.00	0.00	0.00
1,300.0	2.81	103.93	1,299.0	-9.8	39.5	-39.3	0.00	0.00	0.00
1,400.0	2.81	103.93	1,398.9	-11.0	44.3	-44.0	0.00	0.00	0.00
1,500.0	2.81	103.93	1,498.8	-12.2	49.1	-48.8	0.00	0.00	0.00
1,600.0	2.81	103.93	1,598.7	-13.4	53.8	-53.5	0.00	0.00	0.00
1,700.0	2.81	103.93	1,698.5	-14.5	58.6	-58.2	0.00	0.00	0.00
1,800.0	2.81	103.93	1,798.4	-15.7	63.4	-63.0	0.00	0.00	0.00
1,900.0	2.81	103.93	1,898.3	-16.9	68.1	-67.7	0.00	0.00	0.00
2,000.0	2.81	103.93	1,998.2	-18.1	72.9	-72.4	0.00	0.00	0.00
2,100.0	2.81	103.93	2,098.1	-19.3	77.6	-77.2	0.00	0.00	0.00
2,200.0	2.81	103.93	2,197.9	-20.4	82.4	-81.9	0.00	0.00	0.00
2,300.0	2.81	103.93	2,297.8	-21.6	87.2	-86.6	0.00	0.00	0.00
2,400.0	2.81	103.93	2,397.7	-22.8	91.9	-91.4	0.00	0.00	0.00
2,500.0	2.81	103.93	2,497.6	-24.0	96.7	-96.1	0.00	0.00	0.00
2,600.0	2.81	103.93	2,597.5	-25.2	101.5	-100.9	0.00	0.00	0.00
2,700.0	2.81	103.93	2,697.3	-26.4	106.2	-105.6	0.00	0.00	0.00
2,800.0	2.81	103.93	2,797.2	-27.5	111.0	-110.3	0.00	0.00	0.00
2,900.0	2.81	103.93	2,897.1	-28.7	115.8	-115.1	0.00	0.00	0.00
3,000.0	2.81	103.93	2,997.0	-29.9	120.5	-119.8	0.00	0.00	0.00
3,100.0	2.81	103.93	3,096.9	-31.1	125.3	-124.5	0.00	0.00	0.00
3,200.0	2.81	103.93	3,196.7	-32.3	130.1	-129.3	0.00	0.00	0.00
3,300.0	2.81	103.93	3,296.6	-33.5	134.8	-134.0	0.00	0.00	0.00
3,400.0	2.81	103.93	3,396.5	-34.6	139.6	-138.7	0.00	0.00	0.00
3,500.0	2.81	103.93	3,496.4	-35.8	144.3	-143.5	0.00	0.00	0.00
3,600.0	2.81	103.93	3,596.3	-37.0	149.1	-148.2	0.00	0.00	0.00
3,700.0	2.81	103.93	3,696.1	-38.2	153.9	-152.9	0.00	0.00	0.00
3,800.0	2.81	103.93	3,796.0	-39.4	158.6	-157.7	0.00	0.00	0.00
3,900.0	2.81	103.93	3,895.9	-40.5	163.4	-162.4	0.00	0.00	0.00
4,000.0	2.81	103.93	3,995.8	-41.7	168.2	-167.1	0.00	0.00	0.00
4,100.0	2.81	103.93	4,095.7	-42.9	172.9	-171.9	0.00	0.00	0.00
4,200.0	2.81	103.93	4,195.5	-44.1	177.7	-176.6	0.00	0.00	0.00
4,300.0	2.81	103.93	4,295.4	-45.3	182.5	-181.4	0.00	0.00	0.00
4,400.0	2.81	103.93	4,395.3	-46.5	187.2	-186.1	0.00	0.00	0.00
4,500.0	2.81	103.93	4,495.2	-47.6	192.0	-190.8	0.00	0.00	0.00
4,600.0	2.81	103.93	4,595.0	-48.8	196.8	-195.6	0.00	0.00	0.00
4,700.0	2.81	103.93	4,694.9	-50.0	201.5	-200.3	0.00	0.00	0.00
4,800.0	2.81	103.93	4,794.8	-51.2	206.3	-205.0	0.00	0.00	0.00
4,900.0	2.81	103.93	4,894.7	-52.4	211.0	-209.8	0.00	0.00	0.00
5,000.0	2.81	103.93	4,994.6	-53.5	215.8	-214.5	0.00	0.00	0.00
5,100.0	2.81	103.93	5,094.4	-54.7	220.6	-219.2	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pappy 16/17 B2KL St Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3623.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3623.0usft (Original Well Elev)
Site:	Pappy 16/17 B2KL St Com #1H	North Reference:	Grid
Well:	Sec 16, T18S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 1980' FSL & 100' FWL, Sec 17		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,200.0	2.81	103.93	5,194.3	-55.9	225.3	-224.0	0.00	0.00	0.00
5,300.0	2.81	103.93	5,294.2	-57.1	230.1	-228.7	0.00	0.00	0.00
5,400.0	2.81	103.93	5,394.1	-58.3	234.9	-233.4	0.00	0.00	0.00
5,500.0	2.81	103.93	5,494.0	-59.5	239.6	-238.2	0.00	0.00	0.00
5,600.0	2.81	103.93	5,593.8	-60.6	244.4	-242.9	0.00	0.00	0.00
5,700.0	2.81	103.93	5,693.7	-61.8	249.2	-247.7	0.00	0.00	0.00
5,800.0	2.81	103.93	5,793.6	-63.0	253.9	-252.4	0.00	0.00	0.00
5,900.0	2.81	103.93	5,893.5	-64.2	258.7	-257.1	0.00	0.00	0.00
5,983.0	2.81	103.93	5,976.4	-65.2	262.6	-261.1	0.00	0.00	0.00
6,000.0	2.47	103.93	5,993.4	-65.4	263.4	-261.8	2.00	-2.00	0.00
6,100.0	0.47	103.93	6,093.3	-66.0	265.9	-264.3	2.00	-2.00	0.00
6,123.7	0.00	0.00	6,117.0	-66.0	266.0	-264.4	2.00	-2.00	0.00
KOP: 1980' FSL & 2590' FWL (16)									
6,150.0	2.63	269.20	6,143.3	-66.0	265.4	-263.8	9.99	9.99	0.00
6,200.0	7.62	269.20	6,193.1	-66.1	260.9	-259.3	9.99	9.99	0.00
6,250.0	12.61	269.20	6,242.3	-66.2	252.2	-250.5	9.99	9.99	0.00
6,300.0	17.61	269.20	6,290.6	-66.4	239.1	-237.5	9.99	9.99	0.00
6,350.0	22.60	269.20	6,337.5	-66.6	221.9	-220.3	9.99	9.99	0.00
6,400.0	27.59	269.20	6,382.8	-66.9	200.7	-199.1	9.99	9.99	0.00
6,449.2	32.51	269.20	6,425.4	-67.3	176.1	-174.5	9.99	9.99	0.00
FTP: 1980' FSL & 2500' FWL (16)									
6,450.0	32.59	269.20	6,426.0	-67.3	175.7	-174.1	9.99	9.99	0.00
6,500.0	37.58	269.20	6,466.9	-67.7	147.0	-145.3	9.99	9.99	0.00
6,550.0	42.58	269.20	6,505.2	-68.1	114.8	-113.2	9.99	9.99	0.00
6,600.0	47.57	269.20	6,540.5	-68.6	79.4	-77.8	9.99	9.99	0.00
6,650.0	52.56	269.20	6,572.5	-69.1	41.1	-39.4	9.99	9.99	0.00
6,700.0	57.56	269.20	6,601.2	-69.7	0.1	1.5	9.99	9.99	0.00
6,750.0	62.55	269.20	6,626.1	-70.3	-43.2	44.8	9.99	9.99	0.00
6,800.0	67.55	269.20	6,647.2	-70.9	-88.5	90.2	9.99	9.99	0.00
6,850.0	72.54	269.20	6,664.3	-71.6	-135.5	137.1	9.99	9.99	0.00
6,900.0	77.53	269.20	6,677.2	-72.3	-183.8	185.4	9.99	9.99	0.00
6,950.0	82.53	269.20	6,685.8	-72.9	-233.0	234.6	9.99	9.99	0.00
7,000.0	87.52	269.20	6,690.2	-73.6	-282.8	284.4	9.99	9.99	0.00
7,053.0	92.82	269.20	6,690.0	-74.4	-335.8	337.4	9.99	9.99	0.00
LP: 1980' FSL & 1989' FWL (16)									
7,100.0	92.82	269.20	6,687.7	-75.0	-382.7	384.4	0.01	0.01	0.00
7,200.0	92.82	269.20	6,682.8	-76.4	-482.6	484.2	0.00	0.00	0.00
7,300.0	92.82	269.20	6,677.8	-77.8	-582.5	584.1	0.00	0.00	0.00
7,400.0	92.82	269.20	6,672.9	-79.2	-682.3	684.0	0.00	0.00	0.00
7,500.0	92.82	269.20	6,668.0	-80.6	-782.2	783.9	0.00	0.00	0.00
7,600.0	92.82	269.20	6,663.1	-82.0	-882.1	883.7	0.00	0.00	0.00
7,700.0	92.82	269.20	6,658.2	-83.4	-981.9	983.6	0.00	0.00	0.00
7,800.0	92.82	269.20	6,653.2	-84.8	-1,081.8	1,083.5	0.00	0.00	0.00
7,900.0	92.82	269.20	6,648.3	-86.2	-1,181.7	1,183.4	0.00	0.00	0.00
8,000.0	92.82	269.20	6,643.4	-87.6	-1,281.5	1,283.2	0.00	0.00	0.00
8,100.0	92.82	269.20	6,638.5	-88.9	-1,381.4	1,383.1	0.00	0.00	0.00
8,200.0	92.82	269.20	6,633.5	-90.3	-1,481.3	1,483.0	0.00	0.00	0.00
8,300.0	92.82	269.20	6,628.6	-91.7	-1,581.1	1,582.9	0.00	0.00	0.00
8,400.0	92.82	269.20	6,623.7	-93.1	-1,681.0	1,682.7	0.00	0.00	0.00
8,500.0	92.82	269.20	6,618.8	-94.5	-1,780.9	1,782.6	0.00	0.00	0.00
8,600.0	92.82	269.20	6,613.9	-95.9	-1,880.8	1,882.5	0.00	0.00	0.00
8,700.0	92.82	269.20	6,608.9	-97.3	-1,980.6	1,982.3	0.00	0.00	0.00
8,800.0	92.82	269.20	6,604.0	-98.7	-2,080.5	2,082.2	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pappy 16/17 B2KL St Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3623.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3623.0usft (Original Well Elev)
Site:	Pappy 16/17 B2KL St Com #1H	North Reference:	Grid
Well:	Sec 16, T18S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 1980' FSL & 100' FWL, Sec 17		
Design:	Design #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,900.0	92.82	269.20	6,599.1	-100.1	-2,180.4	2,182.1	0.00	0.00	0.00	
9,000.0	92.82	269.20	6,594.2	-101.5	-2,280.2	2,282.0	0.00	0.00	0.00	
9,100.0	92.82	269.20	6,589.2	-102.9	-2,380.1	2,381.8	0.00	0.00	0.00	
9,200.0	92.82	269.20	6,584.3	-104.2	-2,480.0	2,481.7	0.00	0.00	0.00	
9,300.0	92.82	269.20	6,579.4	-105.6	-2,579.8	2,581.6	0.00	0.00	0.00	
9,400.0	92.82	269.20	6,574.5	-107.0	-2,679.7	2,681.5	0.00	0.00	0.00	
9,500.0	92.82	269.20	6,569.6	-108.4	-2,779.6	2,781.3	0.00	0.00	0.00	
9,600.0	92.82	269.20	6,564.6	-109.8	-2,879.4	2,881.2	0.00	0.00	0.00	
9,700.0	92.82	269.20	6,559.7	-111.2	-2,979.3	2,981.1	0.00	0.00	0.00	
9,800.0	92.82	269.20	6,554.8	-112.6	-3,079.2	3,081.0	0.00	0.00	0.00	
9,900.0	92.82	269.20	6,549.9	-114.0	-3,179.0	3,180.8	0.00	0.00	0.00	
10,000.0	92.82	269.20	6,544.9	-115.4	-3,278.9	3,280.7	0.00	0.00	0.00	
10,100.0	92.82	269.20	6,540.0	-116.8	-3,378.8	3,380.6	0.00	0.00	0.00	
10,200.0	92.82	269.20	6,535.1	-118.2	-3,478.7	3,480.5	0.00	0.00	0.00	
10,300.0	92.82	269.20	6,530.2	-119.5	-3,578.5	3,580.3	0.00	0.00	0.00	
10,400.0	92.82	269.20	6,525.3	-120.9	-3,678.4	3,680.2	0.00	0.00	0.00	
10,500.0	92.82	269.20	6,520.3	-122.3	-3,778.3	3,780.1	0.00	0.00	0.00	
10,600.0	92.82	269.20	6,515.4	-123.7	-3,878.1	3,880.0	0.00	0.00	0.00	
10,700.0	92.82	269.20	6,510.5	-125.1	-3,978.0	3,979.8	0.00	0.00	0.00	
10,800.0	92.82	269.20	6,505.6	-126.5	-4,077.9	4,079.7	0.00	0.00	0.00	
10,900.0	92.82	269.20	6,500.6	-127.9	-4,177.7	4,179.6	0.00	0.00	0.00	
11,000.0	92.82	269.20	6,495.7	-129.3	-4,277.6	4,279.5	0.00	0.00	0.00	
11,100.0	92.82	269.20	6,490.8	-130.7	-4,377.5	4,379.3	0.00	0.00	0.00	
11,200.0	92.82	269.20	6,485.9	-132.1	-4,477.3	4,479.2	0.00	0.00	0.00	
11,300.0	92.82	269.20	6,481.0	-133.5	-4,577.2	4,579.1	0.00	0.00	0.00	
11,400.0	92.82	269.20	6,476.0	-134.8	-4,677.1	4,679.0	0.00	0.00	0.00	
11,500.0	92.82	269.20	6,471.1	-136.2	-4,777.0	4,778.8	0.00	0.00	0.00	
11,600.0	92.82	269.20	6,466.2	-137.6	-4,876.8	4,878.7	0.00	0.00	0.00	
11,700.0	92.82	269.20	6,461.3	-139.0	-4,976.7	4,978.6	0.00	0.00	0.00	
11,800.0	92.82	269.20	6,456.3	-140.4	-5,076.6	5,078.5	0.00	0.00	0.00	
11,900.0	92.82	269.20	6,451.4	-141.8	-5,176.4	5,178.3	0.00	0.00	0.00	
12,000.0	92.82	269.20	6,446.5	-143.2	-5,276.3	5,278.2	0.00	0.00	0.00	
12,100.0	92.82	269.20	6,441.6	-144.6	-5,376.2	5,378.1	0.00	0.00	0.00	
12,200.0	92.82	269.20	6,436.7	-146.0	-5,476.0	5,478.0	0.00	0.00	0.00	
12,300.0	92.82	269.20	6,431.7	-147.4	-5,575.9	5,577.8	0.00	0.00	0.00	
12,400.0	92.82	269.20	6,426.8	-148.8	-5,675.8	5,677.7	0.00	0.00	0.00	
12,500.0	92.82	269.20	6,421.9	-150.1	-5,775.6	5,777.6	0.00	0.00	0.00	
12,600.0	92.82	269.20	6,417.0	-151.5	-5,875.5	5,877.5	0.00	0.00	0.00	
12,700.0	92.82	269.20	6,412.1	-152.9	-5,975.4	5,977.3	0.00	0.00	0.00	
12,800.0	92.82	269.20	6,407.1	-154.3	-6,075.3	6,077.2	0.00	0.00	0.00	
12,900.0	92.82	269.20	6,402.2	-155.7	-6,175.1	6,177.1	0.00	0.00	0.00	
13,000.0	92.82	269.20	6,397.3	-157.1	-6,275.0	6,276.9	0.00	0.00	0.00	
13,100.0	92.82	269.20	6,392.4	-158.5	-6,374.9	6,376.8	0.00	0.00	0.00	
13,200.0	92.82	269.20	6,387.4	-159.9	-6,474.7	6,476.7	0.00	0.00	0.00	
13,300.0	92.82	269.20	6,382.5	-161.3	-6,574.6	6,576.6	0.00	0.00	0.00	
13,400.0	92.82	269.20	6,377.6	-162.7	-6,674.5	6,676.4	0.00	0.00	0.00	
13,500.0	92.82	269.20	6,372.7	-164.0	-6,774.3	6,776.3	0.00	0.00	0.00	
13,600.0	92.82	269.20	6,367.8	-165.4	-6,874.2	6,876.2	0.00	0.00	0.00	
13,700.0	92.82	269.20	6,362.8	-166.8	-6,974.1	6,976.1	0.00	0.00	0.00	
13,800.0	92.82	269.20	6,357.9	-168.2	-7,073.9	7,075.9	0.00	0.00	0.00	
13,900.0	92.82	269.20	6,353.0	-169.6	-7,173.8	7,175.8	0.00	0.00	0.00	
14,000.0	92.82	269.20	6,348.1	-171.0	-7,273.7	7,275.7	0.00	0.00	0.00	
14,100.0	92.82	269.20	6,343.1	-172.4	-7,373.6	7,375.6	0.00	0.00	0.00	
14,143.5	92.82	269.20	6,341.0	-173.0	-7,417.0	7,419.0	0.00	0.00	0.00	

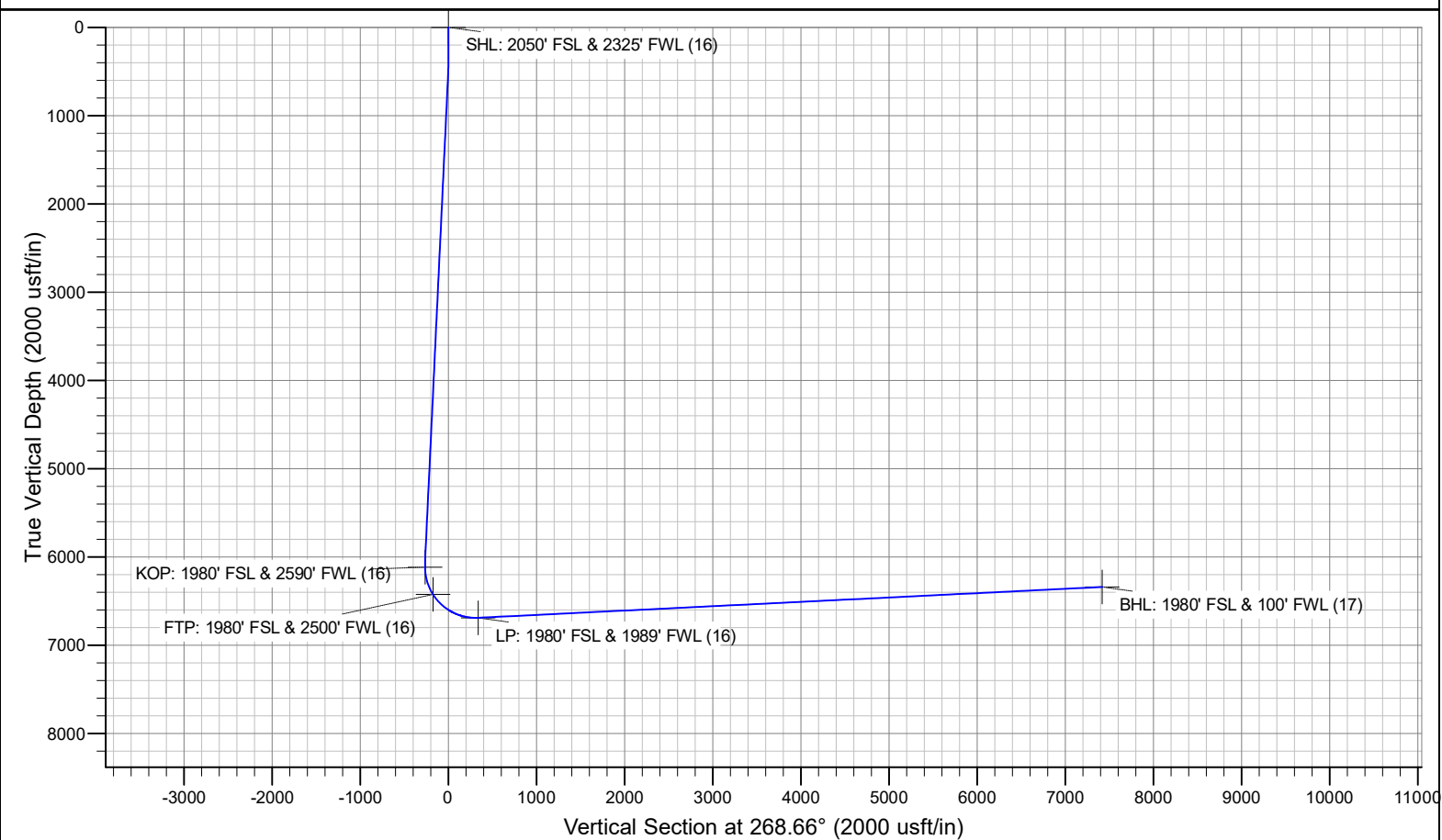
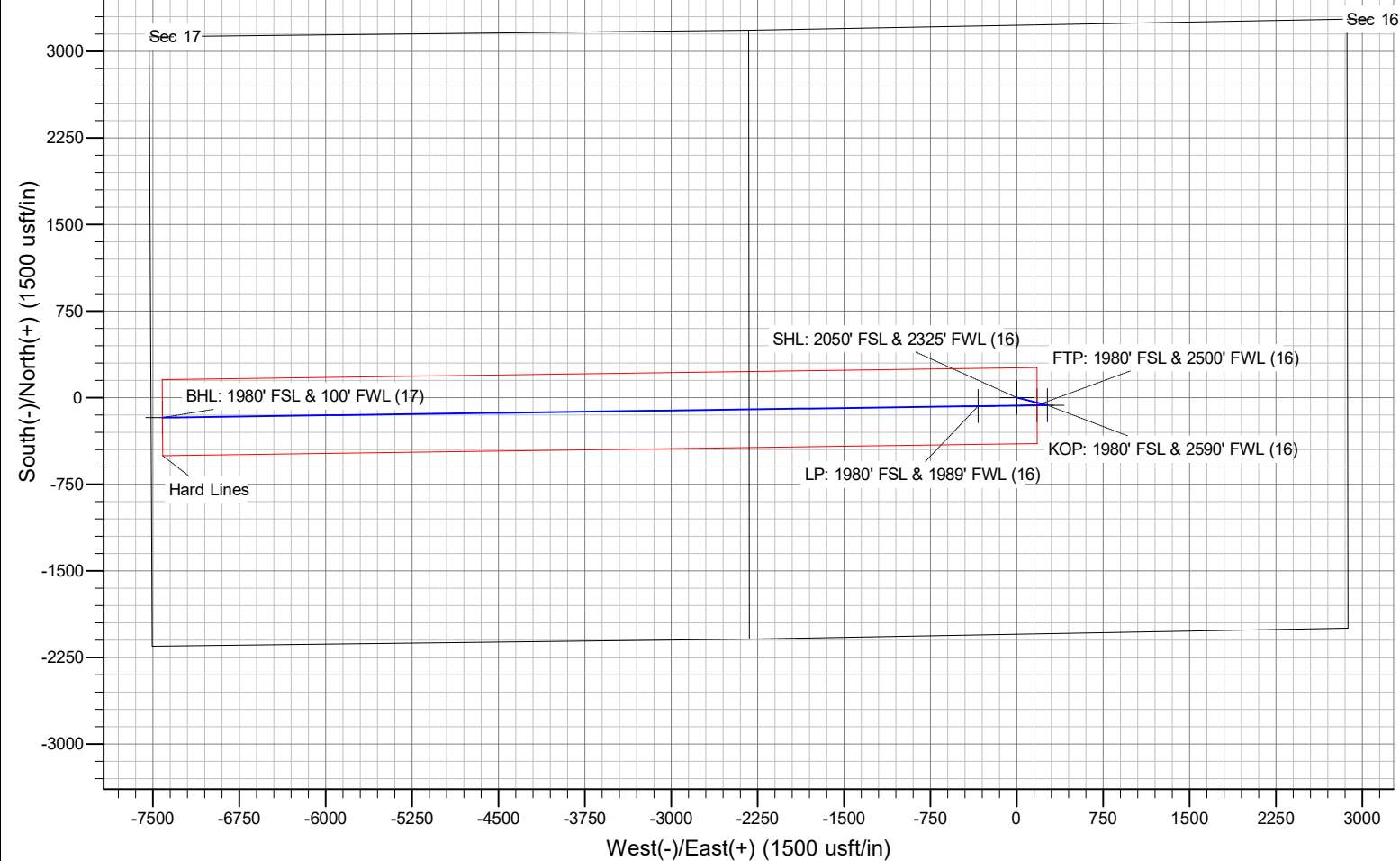
Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pappy 16/17 B2KL St Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3623.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3623.0usft (Original Well Elev)
Site:	Pappy 16/17 B2KL St Com #1H	North Reference:	Grid
Well:	Sec 16, T18S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 1980' FSL & 100' FWL, Sec 17		
Design:	Design #1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
BHL: 1980' FSL & 100' FWL (17)									

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL: 2050' FSL & 2325' - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	635,166.00	587,952.00	32.7460167	-104.1817178
KOP: 1980' FSL & 2590' - plan hits target center - Point	0.00	0.00	6,117.0	-66.0	266.0	635,100.00	588,218.00	32.7458343	-104.1808529
BHL: 1980' FSL & 100' F - plan hits target center - Point	0.00	0.00	6,341.0	-173.0	-7,417.0	634,993.00	580,535.00	32.7455681	-104.2058425
FTP: 1980' FSL & 2500' - plan hits target center - Point	0.00	0.00	6,425.4	-67.3	176.1	635,098.75	588,128.10	32.7458312	-104.1811454
LP: 1980' FSL & 1989' F - plan hits target center - Point	0.00	0.00	6,690.0	-74.4	-335.8	635,091.62	587,616.20	32.7458136	-104.1828104

Pappy 16/17 B2KL St Com #1H



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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 124527

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 124527
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	7/14/2022