

State of New Mexico
Energy, Minerals and Natural Resources

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

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

WELL API NO. 30-015-47674
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Layla 35 W0NC Fee
8. Well Number 1H
9. OGRID Number 14744
10. Pool name or Wildcat Purple Sage Wolfcamp Gas (98220)

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 <u>N</u> : <u>225</u> feet from the <u>South</u> line and <u>1900</u> feet from the <u>West</u> line Section <u>35</u> Township <u>23S</u> Range <u>28E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3015' GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL. ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
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 well name to Layla 35/26 W0NC Fee #1H.
- 2) Change BHL to 330' FNL & 1335' FWL, Sec 26, T23S, R28E, Eddy County.
- 3) Change casing & cement 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	500	410	0
Intermediate	Brine	12.25	9 5/8"	J55	36	0	2545	540	0
Production	Cut Brine	8.75	7"	P110	26	0	10009	860	2345
Liner	OBM	6.125	4 1/2"	P110	13.5	9109	19835	430	9109

Spud Date: Est. July 2021

Rig Release Date:

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

SIGNATURE Andrew Taylor TITLE Engineer DATE 5/20/2021
Type or print name Andy Taylor E-mail address: ataylor@mewbourne.com PHONE: (575) 393-5905

For State Use Only

APPROVED BY: John Garcia TITLE Petroleum Engineer DATE 6/9/2021
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 30-015-47674		² Pool Code 98220		³ Pool Name Purple Sage Wolfcamp (Gas)	
⁴ Property Code 3009948 330994		⁵ Property Name LAYLA 35/26 WONC FEE			⁶ Well Number 1H
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 3015'
¹⁰ Surface Location					
UL or lot no. N	Section 35	Township 23S	Range 28E	Lot Idn 225	Feet from the SOUTH
Feet From the 1900		East/West line WEST		County EDDY	
¹¹ Bottom Hole Location If Different From Surface					
UL or lot no. C	Section 26	Township 23S	Range 28E	Lot Idn 330	Feet from the NORTH
Feet from the 1335		East/West line WEST		County EDDY	
¹² Dedicated Acres 640	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.

	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: <u>Andrew W. Taylor</u> Date: <u>5/24/2021</u> Printed Name: <u>Andy Taylor</u> E-mail Address: <u>ataylor@mewbourne.com</u>
	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. 10-22-2020 Date of Survey Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> 19680 Certificate Number REV: BH MOVE/NAME CHANGE-3/31/21 Job No: LS20100584R
	GEODEIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 456565.4 - E: 625685.1 LAT: 32.2548788° N LONG: 104.0604766° W GEODEIC DATA NAD 83 GRID - NM EAST BOTTOM HOLE N: 466746.7 - E: 625080.8 LAT: 32.2828702° N LONG: 104.0623485° W CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1942" N: 456331.9 - E: 623787.8 B: FOUND 1/2" REBAR N: 458974.0 - E: 623762.4 C: FOUND 1/2" REBAR N: 461650.7 - E: 623798.9 D: COTTON SPINDLE N: 467071.8 - E: 623742.7 E: FOUND 1/2" REBAR N: 467091.2 - E: 629058.3 F: FOUND 1/2" REBAR N: 461670.8 - E: 629138.2 G: FOUND BRASS CAP "1942" N: 456356.5 - E: 629085.5 H: FOUND BRASS CAP "1942" N: 456343.8 - E: 626436.3

Mewbourne Oil Company

Eddy County, New Mexico NAD 83

Layla 35/26 W0NC Fee #1H

Sec 35, T23S, R28E

SHL: 225' FSL & 1900' FWL, Sec 35

BHL: 330' FNL & 1335' FWL, Sec 26

Plan: Design #1

Standard Planning Report

19 May, 2021

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Layla 35/26 W0NC Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3043.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3043.0usft (Original Well Elev)
Site:	Layla 35/26 W0NC Fee #1H	North Reference:	Grid
Well:	Sec 35, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 1335' FWL, Sec 26		
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	Layla 35/26 W0NC Fee #1H		
Site Position:		Northing:	456,565.00 usft
From:	Map	Easting:	625,685.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32.2548778
		Longitude:	-104.0604771

Well	Sec 35, T23S, R28E		
Well Position	+N/-S	0.0 usft	Northing: 456,565.00 usft
	+E/-W	0.0 usft	Easting: 625,685.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	3,043.0 usft
Grid Convergence:	0.15 °	Ground Level:	3,015.0 usft

Wellbore	BHL: 330' FNL & 1335' FWL, Sec 26				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/31/2014	7.38	60.04	48,205.73259864

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	356.61	

Plan Survey Tool Program	Date	5/19/2021			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	19,834.8	Design #1 (BHL: 330' FNL & 1335'		

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	
2,575.0	0.00	0.00	2,575.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,851.2	5.52	248.89	2,850.8	-4.8	-12.4	2.00	2.00	0.00	248.89	
8,832.5	5.52	248.89	8,804.2	-212.2	-549.6	0.00	0.00	0.00	0.00	
9,108.7	0.00	0.00	9,080.0	-217.0	-562.0	2.00	-2.00	0.00	180.00	KOP: 10' FSL & 1335'
10,008.7	90.00	359.77	9,653.0	356.0	-564.3	10.00	10.00	0.00	-0.23	
19,834.8	90.00	359.77	9,653.0	10,182.0	-604.0	0.00	0.00	0.00	0.00	BHL: 330' FNL & 1335'

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Layla 35/26 W0NC Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3043.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3043.0usft (Original Well Elev)
Site:	Layla 35/26 W0NC Fee #1H	North Reference:	Grid
Well:	Sec 35, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 1335' FWL, Sec 26		
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: 225' FSL & 1900' FWL (35)									
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	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,575.0	0.00	0.00	2,575.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.50	248.89	2,600.0	0.0	-0.1	0.0	2.00	2.00	0.00
2,700.0	2.50	248.89	2,700.0	-1.0	-2.5	-0.8	2.00	2.00	0.00
2,800.0	4.50	248.89	2,799.8	-3.2	-8.2	-2.7	2.00	2.00	0.00
2,851.2	5.52	248.89	2,850.8	-4.8	-12.4	-4.0	2.00	2.00	0.00
2,900.0	5.52	248.89	2,899.3	-6.5	-16.8	-5.5	0.00	0.00	0.00
3,000.0	5.52	248.89	2,998.9	-10.0	-25.8	-8.4	0.00	0.00	0.00
3,100.0	5.52	248.89	3,098.4	-13.4	-34.8	-11.3	0.00	0.00	0.00
3,200.0	5.52	248.89	3,198.0	-16.9	-43.7	-14.3	0.00	0.00	0.00
3,300.0	5.52	248.89	3,297.5	-20.4	-52.7	-17.2	0.00	0.00	0.00
3,400.0	5.52	248.89	3,397.0	-23.8	-61.7	-20.1	0.00	0.00	0.00
3,500.0	5.52	248.89	3,496.6	-27.3	-70.7	-23.1	0.00	0.00	0.00
3,600.0	5.52	248.89	3,596.1	-30.8	-79.7	-26.0	0.00	0.00	0.00
3,700.0	5.52	248.89	3,695.6	-34.2	-88.6	-28.9	0.00	0.00	0.00
3,800.0	5.52	248.89	3,795.2	-37.7	-97.6	-31.8	0.00	0.00	0.00
3,900.0	5.52	248.89	3,894.7	-41.2	-106.6	-34.8	0.00	0.00	0.00
4,000.0	5.52	248.89	3,994.2	-44.6	-115.6	-37.7	0.00	0.00	0.00
4,100.0	5.52	248.89	4,093.8	-48.1	-124.6	-40.6	0.00	0.00	0.00
4,200.0	5.52	248.89	4,193.3	-51.6	-133.5	-43.6	0.00	0.00	0.00
4,300.0	5.52	248.89	4,292.8	-55.0	-142.5	-46.5	0.00	0.00	0.00
4,400.0	5.52	248.89	4,392.4	-58.5	-151.5	-49.4	0.00	0.00	0.00
4,500.0	5.52	248.89	4,491.9	-62.0	-160.5	-52.4	0.00	0.00	0.00
4,600.0	5.52	248.89	4,591.4	-65.4	-169.5	-55.3	0.00	0.00	0.00
4,700.0	5.52	248.89	4,691.0	-68.9	-178.5	-58.2	0.00	0.00	0.00
4,800.0	5.52	248.89	4,790.5	-72.4	-187.4	-61.1	0.00	0.00	0.00
4,900.0	5.52	248.89	4,890.1	-75.8	-196.4	-64.1	0.00	0.00	0.00
5,000.0	5.52	248.89	4,989.6	-79.3	-205.4	-67.0	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Layla 35/26 W0NC Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3043.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3043.0usft (Original Well Elev)
Site:	Layla 35/26 W0NC Fee #1H	North Reference:	Grid
Well:	Sec 35, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 1335' FWL, Sec 26		
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)
5,100.0	5.52	248.89	5,089.1	-82.8	-214.4	-69.9	0.00	0.00	0.00
5,200.0	5.52	248.89	5,188.7	-86.2	-223.4	-72.9	0.00	0.00	0.00
5,300.0	5.52	248.89	5,288.2	-89.7	-232.3	-75.8	0.00	0.00	0.00
5,400.0	5.52	248.89	5,387.7	-93.2	-241.3	-78.7	0.00	0.00	0.00
5,500.0	5.52	248.89	5,487.3	-96.6	-250.3	-81.7	0.00	0.00	0.00
5,600.0	5.52	248.89	5,586.8	-100.1	-259.3	-84.6	0.00	0.00	0.00
5,700.0	5.52	248.89	5,686.3	-103.6	-268.3	-87.5	0.00	0.00	0.00
5,800.0	5.52	248.89	5,785.9	-107.0	-277.2	-90.4	0.00	0.00	0.00
5,900.0	5.52	248.89	5,885.4	-110.5	-286.2	-93.4	0.00	0.00	0.00
6,000.0	5.52	248.89	5,984.9	-114.0	-295.2	-96.3	0.00	0.00	0.00
6,100.0	5.52	248.89	6,084.5	-117.5	-304.2	-99.2	0.00	0.00	0.00
6,200.0	5.52	248.89	6,184.0	-120.9	-313.2	-102.2	0.00	0.00	0.00
6,300.0	5.52	248.89	6,283.6	-124.4	-322.1	-105.1	0.00	0.00	0.00
6,400.0	5.52	248.89	6,383.1	-127.9	-331.1	-108.0	0.00	0.00	0.00
6,500.0	5.52	248.89	6,482.6	-131.3	-340.1	-111.0	0.00	0.00	0.00
6,600.0	5.52	248.89	6,582.2	-134.8	-349.1	-113.9	0.00	0.00	0.00
6,700.0	5.52	248.89	6,681.7	-138.3	-358.1	-116.8	0.00	0.00	0.00
6,800.0	5.52	248.89	6,781.2	-141.7	-367.1	-119.7	0.00	0.00	0.00
6,900.0	5.52	248.89	6,880.8	-145.2	-376.0	-122.7	0.00	0.00	0.00
7,000.0	5.52	248.89	6,980.3	-148.7	-385.0	-125.6	0.00	0.00	0.00
7,100.0	5.52	248.89	7,079.8	-152.1	-394.0	-128.5	0.00	0.00	0.00
7,200.0	5.52	248.89	7,179.4	-155.6	-403.0	-131.5	0.00	0.00	0.00
7,300.0	5.52	248.89	7,278.9	-159.1	-412.0	-134.4	0.00	0.00	0.00
7,400.0	5.52	248.89	7,378.4	-162.5	-420.9	-137.3	0.00	0.00	0.00
7,500.0	5.52	248.89	7,478.0	-166.0	-429.9	-140.3	0.00	0.00	0.00
7,600.0	5.52	248.89	7,577.5	-169.5	-438.9	-143.2	0.00	0.00	0.00
7,700.0	5.52	248.89	7,677.0	-172.9	-447.9	-146.1	0.00	0.00	0.00
7,800.0	5.52	248.89	7,776.6	-176.4	-456.9	-149.0	0.00	0.00	0.00
7,900.0	5.52	248.89	7,876.1	-179.9	-465.8	-152.0	0.00	0.00	0.00
8,000.0	5.52	248.89	7,975.7	-183.3	-474.8	-154.9	0.00	0.00	0.00
8,100.0	5.52	248.89	8,075.2	-186.8	-483.8	-157.8	0.00	0.00	0.00
8,200.0	5.52	248.89	8,174.7	-190.3	-492.8	-160.8	0.00	0.00	0.00
8,300.0	5.52	248.89	8,274.3	-193.7	-501.8	-163.7	0.00	0.00	0.00
8,400.0	5.52	248.89	8,373.8	-197.2	-510.7	-166.6	0.00	0.00	0.00
8,500.0	5.52	248.89	8,473.3	-200.7	-519.7	-169.5	0.00	0.00	0.00
8,600.0	5.52	248.89	8,572.9	-204.1	-528.7	-172.5	0.00	0.00	0.00
8,700.0	5.52	248.89	8,672.4	-207.6	-537.7	-175.4	0.00	0.00	0.00
8,800.0	5.52	248.89	8,771.9	-211.1	-546.7	-178.3	0.00	0.00	0.00
8,832.5	5.52	248.89	8,804.2	-212.2	-549.6	-179.3	0.00	0.00	0.00
8,900.0	4.17	248.89	8,871.5	-214.3	-554.9	-181.0	2.00	-2.00	0.00
9,000.0	2.17	248.89	8,971.4	-216.3	-560.1	-182.7	2.00	-2.00	0.00
9,108.7	0.00	0.00	9,080.0	-217.0	-562.0	-183.3	2.00	-2.00	0.00
KOP: 10' FSL & 1335' FWL (35)									
9,150.0	4.13	359.77	9,121.3	-215.5	-562.0	-181.9	10.00	10.00	0.00
9,200.0	9.13	359.77	9,171.0	-209.7	-562.0	-176.1	10.00	10.00	0.00
9,250.0	14.13	359.77	9,219.9	-199.7	-562.1	-166.0	10.00	10.00	0.00
9,300.0	19.13	359.77	9,267.8	-185.4	-562.1	-151.7	10.00	10.00	0.00
9,350.0	24.13	359.77	9,314.3	-166.9	-562.2	-133.3	10.00	10.00	0.00
9,400.0	29.13	359.77	9,359.0	-144.5	-562.3	-111.0	10.00	10.00	0.00
9,450.0	34.13	359.77	9,401.5	-118.3	-562.4	-84.8	10.00	10.00	0.00
9,500.0	39.13	359.77	9,441.6	-88.5	-562.5	-55.0	10.00	10.00	0.00
9,550.0	44.13	359.77	9,479.0	-55.3	-562.7	-21.9	10.00	10.00	0.00
9,600.0	49.13	359.77	9,513.3	-18.9	-562.8	14.4	10.00	10.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Layla 35/26 W0NC Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3043.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3043.0usft (Original Well Elev)
Site:	Layla 35/26 W0NC Fee #1H	North Reference:	Grid
Well:	Sec 35, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 1335' FWL, Sec 26		
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)
9,650.0	54.13	359.77	9,544.3	20.2	-563.0	53.5	10.00	10.00	0.00
9,700.0	59.13	359.77	9,571.8	62.0	-563.1	95.2	10.00	10.00	0.00
9,748.9	64.02	359.77	9,595.1	105.0	-563.3	138.2	10.00	10.00	0.00
FTP: 330' FSL & 1335' FWL (35)									
9,750.0	64.13	359.77	9,595.6	106.0	-563.3	139.1	10.00	10.00	0.00
9,800.0	69.13	359.77	9,615.4	151.9	-563.5	185.0	10.00	10.00	0.00
9,850.0	74.13	359.77	9,631.2	199.3	-563.7	232.3	10.00	10.00	0.00
9,900.0	79.13	359.77	9,642.7	247.9	-563.9	280.9	10.00	10.00	0.00
9,950.0	84.13	359.77	9,650.0	297.4	-564.1	330.3	10.00	10.00	0.00
10,000.0	89.13	359.77	9,652.9	347.3	-564.3	380.1	10.00	10.00	0.00
10,008.7	90.00	359.77	9,653.0	356.0	-564.3	388.8	9.95	9.95	0.00
LP: 581' FSL & 1335' FWL (35)									
10,100.0	90.00	359.77	9,653.0	447.3	-564.7	479.9	0.00	0.00	0.00
10,200.0	90.00	359.77	9,653.0	547.3	-565.1	579.8	0.00	0.00	0.00
10,300.0	90.00	359.77	9,653.0	647.3	-565.5	679.6	0.00	0.00	0.00
10,400.0	90.00	359.77	9,653.0	747.3	-565.9	779.5	0.00	0.00	0.00
10,500.0	90.00	359.77	9,653.0	847.3	-566.3	879.3	0.00	0.00	0.00
10,600.0	90.00	359.77	9,653.0	947.3	-566.7	979.2	0.00	0.00	0.00
10,700.0	90.00	359.77	9,653.0	1,047.3	-567.1	1,079.0	0.00	0.00	0.00
10,800.0	90.00	359.77	9,653.0	1,147.3	-567.5	1,178.9	0.00	0.00	0.00
10,900.0	90.00	359.77	9,653.0	1,247.3	-567.9	1,278.7	0.00	0.00	0.00
11,000.0	90.00	359.77	9,653.0	1,347.3	-568.3	1,378.6	0.00	0.00	0.00
11,100.0	90.00	359.77	9,653.0	1,447.3	-568.7	1,478.4	0.00	0.00	0.00
11,200.0	90.00	359.77	9,653.0	1,547.3	-569.1	1,578.3	0.00	0.00	0.00
11,300.0	90.00	359.77	9,653.0	1,647.3	-569.5	1,678.1	0.00	0.00	0.00
11,400.0	90.00	359.77	9,653.0	1,747.3	-569.9	1,777.9	0.00	0.00	0.00
11,500.0	90.00	359.77	9,653.0	1,847.3	-570.3	1,877.8	0.00	0.00	0.00
11,600.0	90.00	359.77	9,653.0	1,947.3	-570.7	1,977.6	0.00	0.00	0.00
11,700.0	90.00	359.77	9,653.0	2,047.3	-571.1	2,077.5	0.00	0.00	0.00
11,800.0	90.00	359.77	9,653.0	2,147.3	-571.5	2,177.3	0.00	0.00	0.00
11,900.0	90.00	359.77	9,653.0	2,247.3	-572.0	2,277.2	0.00	0.00	0.00
12,000.0	90.00	359.77	9,653.0	2,347.3	-572.4	2,377.0	0.00	0.00	0.00
12,100.0	90.00	359.77	9,653.0	2,447.3	-572.8	2,476.9	0.00	0.00	0.00
12,200.0	90.00	359.77	9,653.0	2,547.3	-573.2	2,576.7	0.00	0.00	0.00
12,300.0	90.00	359.77	9,653.0	2,647.3	-573.6	2,676.6	0.00	0.00	0.00
12,400.0	90.00	359.77	9,653.0	2,747.3	-574.0	2,776.4	0.00	0.00	0.00
12,500.0	90.00	359.77	9,653.0	2,847.3	-574.4	2,876.3	0.00	0.00	0.00
12,600.0	90.00	359.77	9,653.0	2,947.3	-574.8	2,976.1	0.00	0.00	0.00
12,700.0	90.00	359.77	9,653.0	3,047.3	-575.2	3,076.0	0.00	0.00	0.00
12,800.0	90.00	359.77	9,653.0	3,147.3	-575.6	3,175.8	0.00	0.00	0.00
12,900.0	90.00	359.77	9,653.0	3,247.3	-576.0	3,275.7	0.00	0.00	0.00
13,000.0	90.00	359.77	9,653.0	3,347.2	-576.4	3,375.5	0.00	0.00	0.00
13,100.0	90.00	359.77	9,653.0	3,447.2	-576.8	3,475.4	0.00	0.00	0.00
13,200.0	90.00	359.77	9,653.0	3,547.2	-577.2	3,575.2	0.00	0.00	0.00
13,300.0	90.00	359.77	9,653.0	3,647.2	-577.6	3,675.1	0.00	0.00	0.00
13,400.0	90.00	359.77	9,653.0	3,747.2	-578.0	3,774.9	0.00	0.00	0.00
13,500.0	90.00	359.77	9,653.0	3,847.2	-578.4	3,874.7	0.00	0.00	0.00
13,600.0	90.00	359.77	9,653.0	3,947.2	-578.8	3,974.6	0.00	0.00	0.00
13,700.0	90.00	359.77	9,653.0	4,047.2	-579.2	4,074.4	0.00	0.00	0.00
13,800.0	90.00	359.77	9,653.0	4,147.2	-579.6	4,174.3	0.00	0.00	0.00
13,900.0	90.00	359.77	9,653.0	4,247.2	-580.0	4,274.1	0.00	0.00	0.00
14,000.0	90.00	359.77	9,653.0	4,347.2	-580.4	4,374.0	0.00	0.00	0.00
14,100.0	90.00	359.77	9,653.0	4,447.2	-580.8	4,473.8	0.00	0.00	0.00
14,200.0	90.00	359.77	9,653.0	4,547.2	-581.2	4,573.7	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Layla 35/26 W0NC Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3043.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3043.0usft (Original Well Elev)
Site:	Layla 35/26 W0NC Fee #1H	North Reference:	Grid
Well:	Sec 35, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 1335' FWL, Sec 26		
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)
14,300.0	90.00	359.77	9,653.0	4,647.2	-581.6	4,673.5	0.00	0.00	0.00
14,400.0	90.00	359.77	9,653.0	4,747.2	-582.0	4,773.4	0.00	0.00	0.00
14,500.0	90.00	359.77	9,653.0	4,847.2	-582.5	4,873.2	0.00	0.00	0.00
14,600.0	90.00	359.77	9,653.0	4,947.2	-582.9	4,973.1	0.00	0.00	0.00
14,700.0	90.00	359.77	9,653.0	5,047.2	-583.3	5,072.9	0.00	0.00	0.00
14,800.0	90.00	359.77	9,653.0	5,147.2	-583.7	5,172.8	0.00	0.00	0.00
14,900.0	90.00	359.77	9,653.0	5,247.2	-584.1	5,272.6	0.00	0.00	0.00
15,000.0	90.00	359.77	9,653.0	5,347.2	-584.5	5,372.5	0.00	0.00	0.00
15,100.0	90.00	359.77	9,653.0	5,447.2	-584.9	5,472.3	0.00	0.00	0.00
15,200.0	90.00	359.77	9,653.0	5,547.2	-585.3	5,572.2	0.00	0.00	0.00
15,300.0	90.00	359.77	9,653.0	5,647.2	-585.7	5,672.0	0.00	0.00	0.00
15,400.0	90.00	359.77	9,653.0	5,747.2	-586.1	5,771.9	0.00	0.00	0.00
15,500.0	90.00	359.77	9,653.0	5,847.2	-586.5	5,871.7	0.00	0.00	0.00
15,600.0	90.00	359.77	9,653.0	5,947.2	-586.9	5,971.5	0.00	0.00	0.00
15,700.0	90.00	359.77	9,653.0	6,047.2	-587.3	6,071.4	0.00	0.00	0.00
15,800.0	90.00	359.77	9,653.0	6,147.2	-587.7	6,171.2	0.00	0.00	0.00
15,900.0	90.00	359.77	9,653.0	6,247.2	-588.1	6,271.1	0.00	0.00	0.00
16,000.0	90.00	359.77	9,653.0	6,347.2	-588.5	6,370.9	0.00	0.00	0.00
16,100.0	90.00	359.77	9,653.0	6,447.2	-588.9	6,470.8	0.00	0.00	0.00
16,200.0	90.00	359.77	9,653.0	6,547.2	-589.3	6,570.6	0.00	0.00	0.00
16,300.0	90.00	359.77	9,653.0	6,647.2	-589.7	6,670.5	0.00	0.00	0.00
16,400.0	90.00	359.77	9,653.0	6,747.2	-590.1	6,770.3	0.00	0.00	0.00
16,500.0	90.00	359.77	9,653.0	6,847.2	-590.5	6,870.2	0.00	0.00	0.00
16,600.0	90.00	359.77	9,653.0	6,947.2	-590.9	6,970.0	0.00	0.00	0.00
16,700.0	90.00	359.77	9,653.0	7,047.2	-591.3	7,069.9	0.00	0.00	0.00
16,800.0	90.00	359.77	9,653.0	7,147.2	-591.7	7,169.7	0.00	0.00	0.00
16,900.0	90.00	359.77	9,653.0	7,247.2	-592.1	7,269.6	0.00	0.00	0.00
17,000.0	90.00	359.77	9,653.0	7,347.2	-592.6	7,369.4	0.00	0.00	0.00
17,100.0	90.00	359.77	9,653.0	7,447.2	-593.0	7,469.3	0.00	0.00	0.00
17,200.0	90.00	359.77	9,653.0	7,547.2	-593.4	7,569.1	0.00	0.00	0.00
17,300.0	90.00	359.77	9,653.0	7,647.2	-593.8	7,669.0	0.00	0.00	0.00
17,400.0	90.00	359.77	9,653.0	7,747.2	-594.2	7,768.8	0.00	0.00	0.00
17,500.0	90.00	359.77	9,653.0	7,847.2	-594.6	7,868.7	0.00	0.00	0.00
17,600.0	90.00	359.77	9,653.0	7,947.2	-595.0	7,968.5	0.00	0.00	0.00
17,700.0	90.00	359.77	9,653.0	8,047.2	-595.4	8,068.3	0.00	0.00	0.00
17,800.0	90.00	359.77	9,653.0	8,147.2	-595.8	8,168.2	0.00	0.00	0.00
17,900.0	90.00	359.77	9,653.0	8,247.2	-596.2	8,268.0	0.00	0.00	0.00
18,000.0	90.00	359.77	9,653.0	8,347.2	-596.6	8,367.9	0.00	0.00	0.00
18,100.0	90.00	359.77	9,653.0	8,447.2	-597.0	8,467.7	0.00	0.00	0.00
18,200.0	90.00	359.77	9,653.0	8,547.2	-597.4	8,567.6	0.00	0.00	0.00
18,300.0	90.00	359.77	9,653.0	8,647.2	-597.8	8,667.4	0.00	0.00	0.00
18,400.0	90.00	359.77	9,653.0	8,747.2	-598.2	8,767.3	0.00	0.00	0.00
18,500.0	90.00	359.77	9,653.0	8,847.2	-598.6	8,867.1	0.00	0.00	0.00
18,600.0	90.00	359.77	9,653.0	8,947.2	-599.0	8,967.0	0.00	0.00	0.00
18,700.0	90.00	359.77	9,653.0	9,047.2	-599.4	9,066.8	0.00	0.00	0.00
18,800.0	90.00	359.77	9,653.0	9,147.2	-599.8	9,166.7	0.00	0.00	0.00
18,900.0	90.00	359.77	9,653.0	9,247.2	-600.2	9,266.5	0.00	0.00	0.00
19,000.0	90.00	359.77	9,653.0	9,347.2	-600.6	9,366.4	0.00	0.00	0.00
19,100.0	90.00	359.77	9,653.0	9,447.2	-601.0	9,466.2	0.00	0.00	0.00
19,200.0	90.00	359.77	9,653.0	9,547.2	-601.4	9,566.1	0.00	0.00	0.00
19,300.0	90.00	359.77	9,653.0	9,647.2	-601.8	9,665.9	0.00	0.00	0.00
19,400.0	90.00	359.77	9,653.0	9,747.2	-602.2	9,765.8	0.00	0.00	0.00
19,500.0	90.00	359.77	9,653.0	9,847.2	-602.6	9,865.6	0.00	0.00	0.00
19,600.0	90.00	359.77	9,653.0	9,947.2	-603.1	9,965.5	0.00	0.00	0.00

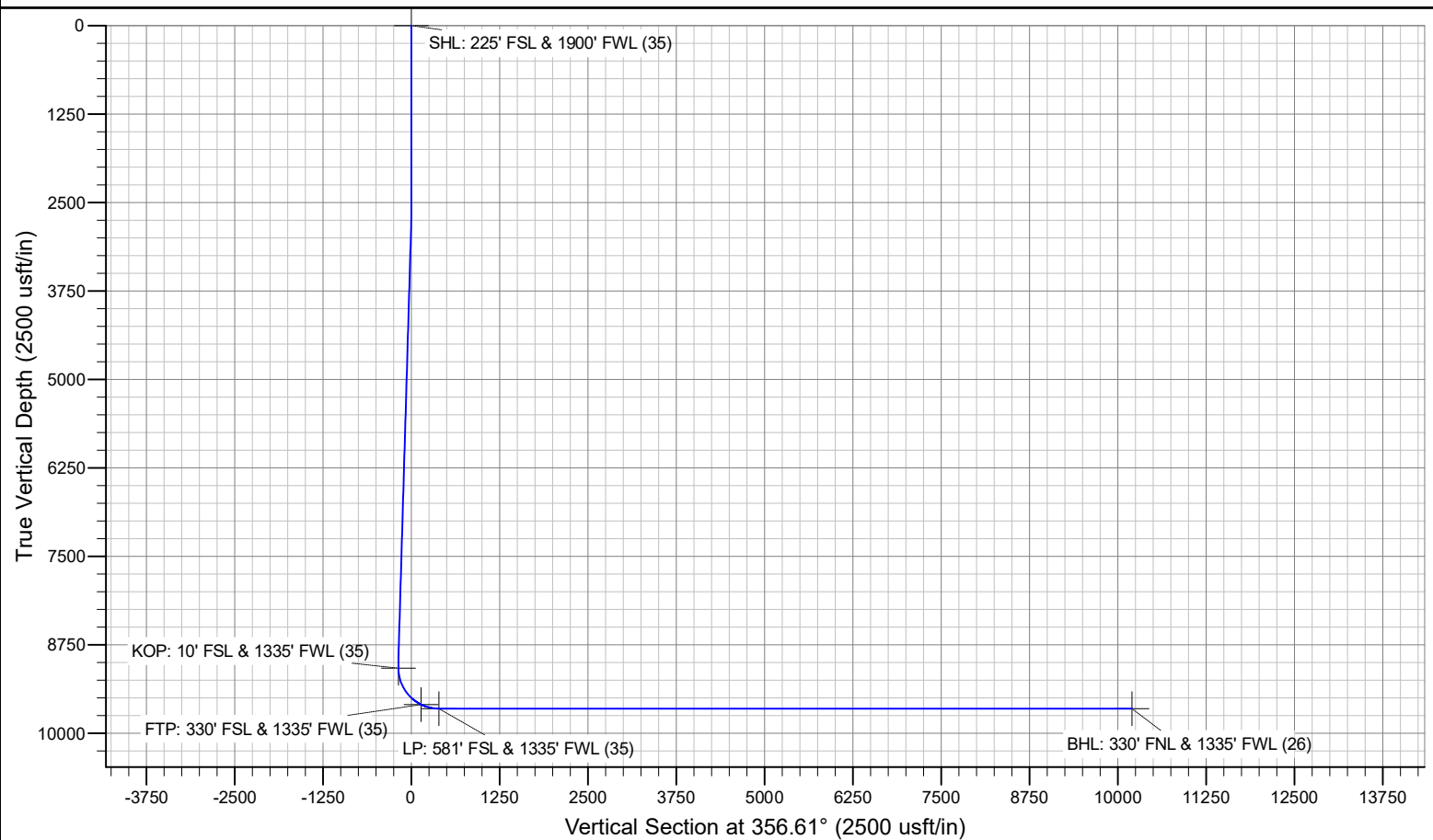
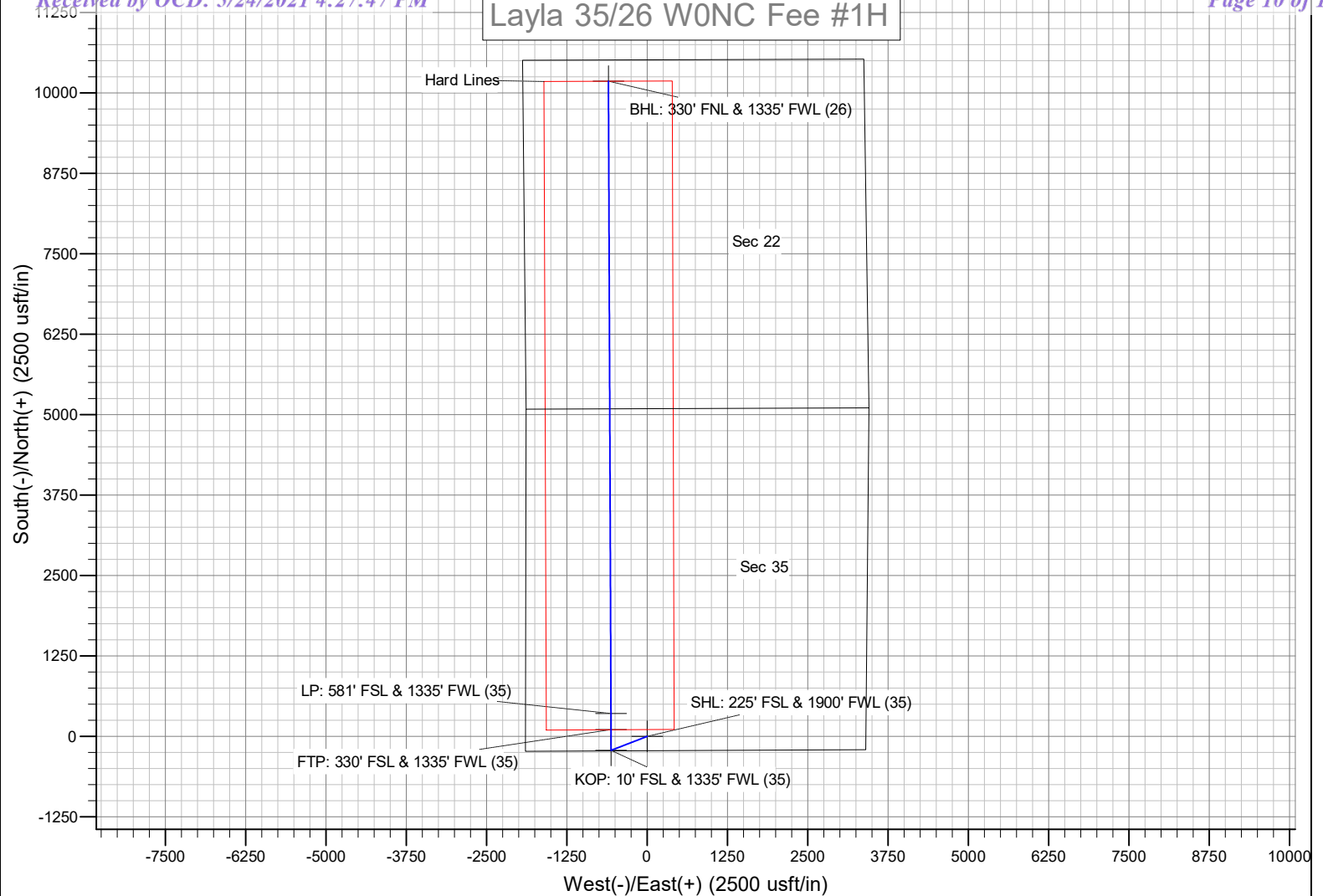
Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Layla 35/26 W0NC Fee #1H
Company:	Mewbourne Oil Company	TVD Reference:	WELL @ 3043.0usft (Original Well Elev)
Project:	Eddy County, New Mexico NAD 83	MD Reference:	WELL @ 3043.0usft (Original Well Elev)
Site:	Layla 35/26 W0NC Fee #1H	North Reference:	Grid
Well:	Sec 35, T23S, R28E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FNL & 1335' FWL, Sec 26		
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)
19,700.0	90.00	359.77	9,653.0	10,047.2	-603.5	10,065.3	0.00	0.00	0.00
19,800.0	90.00	359.77	9,653.0	10,147.2	-603.9	10,165.1	0.00	0.00	0.00
19,834.8	90.00	359.77	9,653.0	10,182.0	-604.0	10,199.9	0.00	0.00	0.00
BHL: 330' FNL & 1335' FWL (26)									

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: 225' FSL & 1900' F - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	456,565.00	625,685.00	32.2548778	-104.0604771
KOP: 10' FSL & 1335' F - plan hits target center - Point	0.00	0.00	9,080.0	-217.0	-562.0	456,348.00	625,123.00	32.2542853	-104.0622969
FTP: 330' FSL & 1335' F - plan hits target center - Point	0.00	0.00	9,595.1	105.0	-563.3	456,670.00	625,121.70	32.2551704	-104.0622984
LP: 581' FSL & 1335' FV - plan hits target center - Point	0.00	0.01	9,653.0	356.0	-564.3	456,921.00	625,120.69	32.2558604	-104.0622997
BHL: 330' FNL & 1335' F - plan hits target center - Point	0.00	0.00	9,653.0	10,182.0	-604.0	466,747.00	625,081.00	32.2828709	-104.0623478

Layla 35/26 W0NC Fee #1H



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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS

Action 29339

COMMENTS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 29339
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 5/27/2021	5/27/2021

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 29339

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 29339
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	5/27/2021