

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

Rec'd 05/13/2020 - NMOCD

Form C-103  
 Revised August 1, 2011

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

WELL API NO. 30-015-46229
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Squints 4/5 W0PM Fee
8. Well Number 1H
9. OGRID Number 14744
10. Pool name or Wildcat Purple Sage; Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3101' 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 L : 1330 feet from the South line and 205 feet from the West line  
 Section 3 Township 22S Range 27E NMPM County Eddy

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 requests approval to make the following changes to the approved APD:

- 1) Change well name to **Squints 4/5 W0PO Fee #1H**.
- 2) Change BHL to 660' FSL & 2313' FEL, Sec 5, T22S, R27E.

Please contact Levi Jackson with any questions.

Spud Date:  Rig Release Date:

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

SIGNATURE  TITLE Engineer DATE 5/13/2020  
 Type or print name Levi Jackson E-mail address: ljackson@mewbourne.com PHONE: (575) 393-5905

**For State Use Only**

APPROVED BY:  TITLE Geologist DATE 05-15-2020  
 Conditions of Approval (if any):

# **Mewbourne Oil Company**

**Eddy County, New Mexico NAD 83**

**Squints 4/5 W0PO Fee #1H**

**Sec 3, T22S, R27E**

**SHL: 1330' FSL & 205' FWL, Sec 3**

**BHL: 660' FSL & 2313' FEL, Sec 5**

**Plan: Design #1**

## **Standard Planning Report**

**13 May, 2020**

## Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Squints 4/5 W0PO Fee #1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3128.0usft (Original Well Elev)
<b>Project:</b>	Eddy County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3128.0usft (Original Well Elev)
<b>Site:</b>	Squints 4/5 W0PO Fee #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 3, T22S, R27E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 660' FSL & 2313' FEL, Sec 5		
<b>Design:</b>	Design #1		

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

<b>Site</b>	Squints 4/5 W0PO Fee #1H				
<b>Site Position:</b>		<b>Northing:</b>	515,950.00 usft	<b>Latitude:</b>	32.4183265
<b>From:</b>	Map	<b>Easting:</b>	587,004.00 usft	<b>Longitude:</b>	-104.1853406
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	0.08 °

<b>Well</b>	Sec 3, T22S, R27E					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	515,950.00 usft	<b>Latitude:</b>	32.4183265
	<b>+E/-W</b>	0.0 usft	<b>Easting:</b>	587,004.00 usft	<b>Longitude:</b>	-104.1853406
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>	3,128.0 usft	<b>Ground Level:</b>	3,101.0 usft

<b>Wellbore</b>	BHL: 660' FSL & 2313' FEL, Sec 5				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF2010	8/12/2019	(°)	(°)	(nT)
			6.88	60.06	47,832

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	265.23

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	
1,825.0	0.00	0.00	1,825.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,130.6	6.11	183.59	2,130.0	-16.2	-1.0	2.00	2.00	0.00	183.59	
8,121.2	6.11	183.59	8,086.6	-652.8	-41.0	0.00	0.00	0.00	0.00	
8,426.7	0.00	0.00	8,391.5	-669.0	-42.0	2.00	-2.00	0.00	180.00	KOP: 660' FSL & 150'
9,181.6	90.57	270.13	8,869.0	-667.9	-524.3	12.00	12.00	0.00	-89.87	
16,459.7	90.57	270.13	8,796.0	-651.0	-7,802.0	0.00	0.00	0.00	0.00	BHL: 660' FSL & 2313'

## Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Squints 4/5 W0PO Fee #1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3128.0usft (Original Well Elev)
<b>Project:</b>	Eddy County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3128.0usft (Original Well Elev)
<b>Site:</b>	Squints 4/5 W0PO Fee #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 3, T22S, R27E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 660' FSL & 2313' FEL, Sec 5		
<b>Design:</b>	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
<b>SHL: 1330' FSL &amp; 205' FWL (3)</b>									
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
1,825.0	0.00	0.00	1,825.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	1.50	183.59	1,900.0	-1.0	-0.1	0.1	2.00	2.00	0.00
2,000.0	3.50	183.59	1,999.9	-5.3	-0.3	0.8	2.00	2.00	0.00
2,100.0	5.50	183.59	2,099.6	-13.2	-0.8	1.9	2.00	2.00	0.00
2,130.6	6.11	183.59	2,130.0	-16.2	-1.0	2.4	2.00	2.00	0.00
2,200.0	6.11	183.59	2,199.0	-23.6	-1.5	3.4	0.00	0.00	0.00
2,300.0	6.11	183.59	2,298.5	-34.3	-2.2	5.0	0.00	0.00	0.00
2,400.0	6.11	183.59	2,397.9	-44.9	-2.8	6.5	0.00	0.00	0.00
2,500.0	6.11	183.59	2,497.3	-55.5	-3.5	8.1	0.00	0.00	0.00
2,600.0	6.11	183.59	2,596.8	-66.1	-4.2	9.6	0.00	0.00	0.00
2,700.0	6.11	183.59	2,696.2	-76.8	-4.8	11.2	0.00	0.00	0.00
2,800.0	6.11	183.59	2,795.6	-87.4	-5.5	12.7	0.00	0.00	0.00
2,900.0	6.11	183.59	2,895.0	-98.0	-6.2	14.3	0.00	0.00	0.00
3,000.0	6.11	183.59	2,994.5	-108.6	-6.8	15.8	0.00	0.00	0.00
3,100.0	6.11	183.59	3,093.9	-119.3	-7.5	17.4	0.00	0.00	0.00
3,200.0	6.11	183.59	3,193.3	-129.9	-8.2	18.9	0.00	0.00	0.00
3,300.0	6.11	183.59	3,292.8	-140.5	-8.8	20.5	0.00	0.00	0.00
3,400.0	6.11	183.59	3,392.2	-151.1	-9.5	22.0	0.00	0.00	0.00
3,500.0	6.11	183.59	3,491.6	-161.8	-10.2	23.6	0.00	0.00	0.00
3,600.0	6.11	183.59	3,591.1	-172.4	-10.8	25.1	0.00	0.00	0.00
3,700.0	6.11	183.59	3,690.5	-183.0	-11.5	26.7	0.00	0.00	0.00
3,800.0	6.11	183.59	3,789.9	-193.6	-12.2	28.2	0.00	0.00	0.00
3,900.0	6.11	183.59	3,889.4	-204.3	-12.8	29.8	0.00	0.00	0.00
4,000.0	6.11	183.59	3,988.8	-214.9	-13.5	31.3	0.00	0.00	0.00
4,100.0	6.11	183.59	4,088.2	-225.5	-14.2	32.9	0.00	0.00	0.00
4,200.0	6.11	183.59	4,187.7	-236.1	-14.8	34.4	0.00	0.00	0.00
4,300.0	6.11	183.59	4,287.1	-246.8	-15.5	36.0	0.00	0.00	0.00
4,400.0	6.11	183.59	4,386.5	-257.4	-16.2	37.5	0.00	0.00	0.00
4,500.0	6.11	183.59	4,486.0	-268.0	-16.8	39.1	0.00	0.00	0.00
4,600.0	6.11	183.59	4,585.4	-278.6	-17.5	40.6	0.00	0.00	0.00
4,700.0	6.11	183.59	4,684.8	-289.3	-18.2	42.1	0.00	0.00	0.00
4,800.0	6.11	183.59	4,784.3	-299.9	-18.8	43.7	0.00	0.00	0.00
4,900.0	6.11	183.59	4,883.7	-310.5	-19.5	45.2	0.00	0.00	0.00
5,000.0	6.11	183.59	4,983.1	-321.1	-20.2	46.8	0.00	0.00	0.00

Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Squints 4/5 W0PO Fee #1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3128.0usft (Original Well Elev)
<b>Project:</b>	Eddy County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3128.0usft (Original Well Elev)
<b>Site:</b>	Squints 4/5 W0PO Fee #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 3, T22S, R27E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 660' FSL & 2313' FEL, Sec 5		
<b>Design:</b>	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	6.11	183.59	5,082.5	-331.8	-20.8	48.3	0.00	0.00	0.00	
5,200.0	6.11	183.59	5,182.0	-342.4	-21.5	49.9	0.00	0.00	0.00	
5,300.0	6.11	183.59	5,281.4	-353.0	-22.2	51.4	0.00	0.00	0.00	
5,400.0	6.11	183.59	5,380.8	-363.6	-22.8	53.0	0.00	0.00	0.00	
5,500.0	6.11	183.59	5,480.3	-374.3	-23.5	54.5	0.00	0.00	0.00	
5,600.0	6.11	183.59	5,579.7	-384.9	-24.2	56.1	0.00	0.00	0.00	
5,700.0	6.11	183.59	5,679.1	-395.5	-24.8	57.6	0.00	0.00	0.00	
5,800.0	6.11	183.59	5,778.6	-406.1	-25.5	59.2	0.00	0.00	0.00	
5,900.0	6.11	183.59	5,878.0	-416.8	-26.2	60.7	0.00	0.00	0.00	
6,000.0	6.11	183.59	5,977.4	-427.4	-26.8	62.3	0.00	0.00	0.00	
6,100.0	6.11	183.59	6,076.9	-438.0	-27.5	63.8	0.00	0.00	0.00	
6,200.0	6.11	183.59	6,176.3	-448.6	-28.2	65.4	0.00	0.00	0.00	
6,300.0	6.11	183.59	6,275.7	-459.3	-28.8	66.9	0.00	0.00	0.00	
6,400.0	6.11	183.59	6,375.2	-469.9	-29.5	68.5	0.00	0.00	0.00	
6,500.0	6.11	183.59	6,474.6	-480.5	-30.2	70.0	0.00	0.00	0.00	
6,600.0	6.11	183.59	6,574.0	-491.1	-30.8	71.6	0.00	0.00	0.00	
6,700.0	6.11	183.59	6,673.5	-501.8	-31.5	73.1	0.00	0.00	0.00	
6,800.0	6.11	183.59	6,772.9	-512.4	-32.2	74.7	0.00	0.00	0.00	
6,900.0	6.11	183.59	6,872.3	-523.0	-32.8	76.2	0.00	0.00	0.00	
7,000.0	6.11	183.59	6,971.7	-533.6	-33.5	77.8	0.00	0.00	0.00	
7,100.0	6.11	183.59	7,071.2	-544.3	-34.2	79.3	0.00	0.00	0.00	
7,200.0	6.11	183.59	7,170.6	-554.9	-34.8	80.9	0.00	0.00	0.00	
7,300.0	6.11	183.59	7,270.0	-565.5	-35.5	82.4	0.00	0.00	0.00	
7,400.0	6.11	183.59	7,369.5	-576.1	-36.2	83.9	0.00	0.00	0.00	
7,500.0	6.11	183.59	7,468.9	-586.8	-36.8	85.5	0.00	0.00	0.00	
7,600.0	6.11	183.59	7,568.3	-597.4	-37.5	87.0	0.00	0.00	0.00	
7,700.0	6.11	183.59	7,667.8	-608.0	-38.2	88.6	0.00	0.00	0.00	
7,800.0	6.11	183.59	7,767.2	-618.6	-38.8	90.1	0.00	0.00	0.00	
7,900.0	6.11	183.59	7,866.6	-629.3	-39.5	91.7	0.00	0.00	0.00	
8,000.0	6.11	183.59	7,966.1	-639.9	-40.2	93.2	0.00	0.00	0.00	
8,100.0	6.11	183.59	8,065.5	-650.5	-40.8	94.8	0.00	0.00	0.00	
8,121.2	6.11	183.59	8,086.6	-652.8	-41.0	95.1	0.00	0.00	0.00	
8,200.0	4.53	183.59	8,165.0	-660.0	-41.4	96.2	2.00	-2.00	0.00	
8,300.0	2.53	183.59	8,264.8	-666.2	-41.8	97.1	2.00	-2.00	0.00	
8,400.0	0.53	183.59	8,364.8	-668.9	-42.0	97.5	2.00	-2.00	0.00	
8,426.7	0.00	0.00	8,391.5	-669.0	-42.0	97.5	2.00	-2.00	0.00	
<b>KOP: 660' FSL &amp; 150' FWL (3)</b>										
8,500.0	8.79	270.13	8,464.5	-669.0	-47.6	103.1	12.00	12.00	0.00	
8,600.0	20.79	270.13	8,561.0	-668.9	-73.1	128.5	12.00	12.00	0.00	
8,700.0	32.79	270.13	8,650.1	-668.8	-118.1	173.3	12.00	12.00	0.00	
8,800.0	44.79	270.13	8,727.9	-668.7	-180.6	235.6	12.00	12.00	0.00	
8,900.0	56.79	270.13	8,791.0	-668.5	-258.0	312.6	12.00	12.00	0.00	
9,000.0	68.79	270.13	8,836.7	-668.3	-346.7	401.1	12.00	12.00	0.00	
9,100.0	80.79	270.13	8,862.9	-668.1	-443.0	497.1	12.00	12.00	0.00	
9,181.6	90.57	270.13	8,869.0	-667.9	-524.3	578.0	12.00	12.00	0.00	
<b>LP/FTP: 660' FSL &amp; 330' FEL (4)</b>										
9,200.0	90.57	270.13	8,868.8	-667.8	-542.7	596.4	0.00	0.00	0.00	
9,300.0	90.57	270.13	8,867.8	-667.6	-642.7	696.0	0.00	0.00	0.00	
9,400.0	90.57	270.13	8,866.8	-667.4	-742.7	795.6	0.00	0.00	0.00	
9,500.0	90.57	270.13	8,865.8	-667.1	-842.7	895.2	0.00	0.00	0.00	
9,600.0	90.57	270.13	8,864.8	-666.9	-942.7	994.9	0.00	0.00	0.00	
9,700.0	90.57	270.13	8,863.8	-666.7	-1,042.7	1,094.5	0.00	0.00	0.00	
9,800.0	90.57	270.13	8,862.8	-666.4	-1,142.7	1,194.1	0.00	0.00	0.00	
9,900.0	90.57	270.13	8,861.8	-666.2	-1,242.7	1,293.8	0.00	0.00	0.00	

## Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Squints 4/5 W0PO Fee #1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3128.0usft (Original Well Elev)
<b>Project:</b>	Eddy County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3128.0usft (Original Well Elev)
<b>Site:</b>	Squints 4/5 W0PO Fee #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 3, T22S, R27E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 660' FSL & 2313' FEL, Sec 5		
<b>Design:</b>	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)
10,000.0	90.57	270.13	8,860.8	-666.0	-1,342.7	1,393.4	0.00	0.00	0.00
10,100.0	90.57	270.13	8,859.8	-665.8	-1,442.7	1,493.0	0.00	0.00	0.00
10,200.0	90.57	270.13	8,858.8	-665.5	-1,542.7	1,592.7	0.00	0.00	0.00
10,300.0	90.57	270.13	8,857.8	-665.3	-1,642.7	1,692.3	0.00	0.00	0.00
10,400.0	90.57	270.13	8,856.8	-665.1	-1,742.6	1,791.9	0.00	0.00	0.00
10,500.0	90.57	270.13	8,855.8	-664.8	-1,842.6	1,891.5	0.00	0.00	0.00
10,600.0	90.57	270.13	8,854.8	-664.6	-1,942.6	1,991.2	0.00	0.00	0.00
10,700.0	90.57	270.13	8,853.8	-664.4	-2,042.6	2,090.8	0.00	0.00	0.00
10,800.0	90.57	270.13	8,852.8	-664.1	-2,142.6	2,190.4	0.00	0.00	0.00
10,900.0	90.57	270.13	8,851.8	-663.9	-2,242.6	2,290.1	0.00	0.00	0.00
11,000.0	90.57	270.13	8,850.8	-663.7	-2,342.6	2,389.7	0.00	0.00	0.00
11,100.0	90.57	270.13	8,849.8	-663.4	-2,442.6	2,489.3	0.00	0.00	0.00
11,200.0	90.57	270.13	8,848.8	-663.2	-2,542.6	2,588.9	0.00	0.00	0.00
11,300.0	90.57	270.13	8,847.8	-663.0	-2,642.6	2,688.6	0.00	0.00	0.00
11,400.0	90.57	270.13	8,846.7	-662.7	-2,742.6	2,788.2	0.00	0.00	0.00
11,500.0	90.57	270.13	8,845.7	-662.5	-2,842.6	2,887.8	0.00	0.00	0.00
11,600.0	90.57	270.13	8,844.7	-662.3	-2,942.6	2,987.5	0.00	0.00	0.00
11,700.0	90.57	270.13	8,843.7	-662.0	-3,042.6	3,087.1	0.00	0.00	0.00
11,800.0	90.57	270.13	8,842.7	-661.8	-3,142.6	3,186.7	0.00	0.00	0.00
11,900.0	90.57	270.13	8,841.7	-661.6	-3,242.6	3,286.3	0.00	0.00	0.00
12,000.0	90.57	270.13	8,840.7	-661.3	-3,342.6	3,386.0	0.00	0.00	0.00
12,100.0	90.57	270.13	8,839.7	-661.1	-3,442.6	3,485.6	0.00	0.00	0.00
12,200.0	90.57	270.13	8,838.7	-660.9	-3,542.6	3,585.2	0.00	0.00	0.00
12,300.0	90.57	270.13	8,837.7	-660.6	-3,642.5	3,684.9	0.00	0.00	0.00
12,400.0	90.57	270.13	8,836.7	-660.4	-3,742.5	3,784.5	0.00	0.00	0.00
12,500.0	90.57	270.13	8,835.7	-660.2	-3,842.5	3,884.1	0.00	0.00	0.00
12,600.0	90.57	270.13	8,834.7	-660.0	-3,942.5	3,983.8	0.00	0.00	0.00
12,700.0	90.57	270.13	8,833.7	-659.7	-4,042.5	4,083.4	0.00	0.00	0.00
12,800.0	90.57	270.13	8,832.7	-659.5	-4,142.5	4,183.0	0.00	0.00	0.00
12,900.0	90.57	270.13	8,831.7	-659.3	-4,242.5	4,282.6	0.00	0.00	0.00
13,000.0	90.57	270.13	8,830.7	-659.0	-4,342.5	4,382.3	0.00	0.00	0.00
13,100.0	90.57	270.13	8,829.7	-658.8	-4,442.5	4,481.9	0.00	0.00	0.00
13,200.0	90.57	270.13	8,828.7	-658.6	-4,542.5	4,581.5	0.00	0.00	0.00
13,300.0	90.57	270.13	8,827.7	-658.3	-4,642.5	4,681.2	0.00	0.00	0.00
13,400.0	90.57	270.13	8,826.7	-658.1	-4,742.5	4,780.8	0.00	0.00	0.00
13,500.0	90.57	270.13	8,825.7	-657.9	-4,842.5	4,880.4	0.00	0.00	0.00
13,600.0	90.57	270.13	8,824.7	-657.6	-4,942.5	4,980.0	0.00	0.00	0.00
13,700.0	90.57	270.13	8,823.7	-657.4	-5,042.5	5,079.7	0.00	0.00	0.00
13,800.0	90.57	270.13	8,822.7	-657.2	-5,142.5	5,179.3	0.00	0.00	0.00
13,900.0	90.57	270.13	8,821.7	-656.9	-5,242.5	5,278.9	0.00	0.00	0.00
14,000.0	90.57	270.13	8,820.7	-656.7	-5,342.5	5,378.6	0.00	0.00	0.00
14,100.0	90.57	270.13	8,819.7	-656.5	-5,442.4	5,478.2	0.00	0.00	0.00
14,200.0	90.57	270.13	8,818.7	-656.2	-5,542.4	5,577.8	0.00	0.00	0.00
14,300.0	90.57	270.13	8,817.7	-656.0	-5,642.4	5,677.4	0.00	0.00	0.00
14,400.0	90.57	270.13	8,816.7	-655.8	-5,742.4	5,777.1	0.00	0.00	0.00
14,500.0	90.57	270.13	8,815.7	-655.5	-5,842.4	5,876.7	0.00	0.00	0.00
14,600.0	90.57	270.13	8,814.7	-655.3	-5,942.4	5,976.3	0.00	0.00	0.00
14,700.0	90.57	270.13	8,813.6	-655.1	-6,042.4	6,076.0	0.00	0.00	0.00
14,800.0	90.57	270.13	8,812.6	-654.8	-6,142.4	6,175.6	0.00	0.00	0.00
14,900.0	90.57	270.13	8,811.6	-654.6	-6,242.4	6,275.2	0.00	0.00	0.00
15,000.0	90.57	270.13	8,810.6	-654.4	-6,342.4	6,374.9	0.00	0.00	0.00
15,100.0	90.57	270.13	8,809.6	-654.2	-6,442.4	6,474.5	0.00	0.00	0.00
15,200.0	90.57	270.13	8,808.6	-653.9	-6,542.4	6,574.1	0.00	0.00	0.00
15,300.0	90.57	270.13	8,807.6	-653.7	-6,642.4	6,673.7	0.00	0.00	0.00

## Planning Report

<b>Database:</b>	Hobbs	<b>Local Co-ordinate Reference:</b>	Site Squints 4/5 WOPO Fee #1H
<b>Company:</b>	Mewbourne Oil Company	<b>TVD Reference:</b>	WELL @ 3128.0usft (Original Well Elev)
<b>Project:</b>	Eddy County, New Mexico NAD 83	<b>MD Reference:</b>	WELL @ 3128.0usft (Original Well Elev)
<b>Site:</b>	Squints 4/5 WOPO Fee #1H	<b>North Reference:</b>	Grid
<b>Well:</b>	Sec 3, T22S, R27E	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	BHL: 660' FSL & 2313' FEL, Sec 5		
<b>Design:</b>	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)	
15,400.0	90.57	270.13	8,806.6	-653.5	-6,742.4	6,773.4	0.00	0.00	0.00	
15,500.0	90.57	270.13	8,805.6	-653.2	-6,842.4	6,873.0	0.00	0.00	0.00	
15,600.0	90.57	270.13	8,804.6	-653.0	-6,942.4	6,972.6	0.00	0.00	0.00	
15,700.0	90.57	270.13	8,803.6	-652.8	-7,042.4	7,072.3	0.00	0.00	0.00	
15,800.0	90.57	270.13	8,802.6	-652.5	-7,142.4	7,171.9	0.00	0.00	0.00	
15,900.0	90.57	270.13	8,801.6	-652.3	-7,242.4	7,271.5	0.00	0.00	0.00	
16,000.0	90.57	270.13	8,800.6	-652.1	-7,342.3	7,371.1	0.00	0.00	0.00	
16,100.0	90.57	270.13	8,799.6	-651.8	-7,442.3	7,470.8	0.00	0.00	0.00	
16,200.0	90.57	270.13	8,798.6	-651.6	-7,542.3	7,570.4	0.00	0.00	0.00	
16,300.0	90.57	270.13	8,797.6	-651.4	-7,642.3	7,670.0	0.00	0.00	0.00	
16,400.0	90.57	270.13	8,796.6	-651.1	-7,742.3	7,769.7	0.00	0.00	0.00	
16,459.7	90.57	270.13	8,796.0	-651.0	-7,802.0	7,829.1	0.00	0.00	0.00	
<b>BHL: 660' FSL &amp; 2313' FEL (5)</b>										

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: 1330' FSL & 205' F - plan hits target center - Point	0.00	0.00	0.0	0.0	0.0	515,950.00	587,004.00	32.4183265	-104.1853406	
KOP: 660' FSL & 150' F1 - plan hits target center - Point	0.00	0.00	8,391.5	-669.0	-42.0	515,281.00	586,962.00	32.4164877	-104.1854797	
BHL: 660' FSL & 2313' F - plan hits target center - Point	0.00	0.00	8,796.0	-651.0	-7,802.0	515,299.00	579,202.00	32.4165642	-104.2106271	
LP/FTP: 660' FSL & 330 - plan hits target center - Point	0.00	0.00	8,869.0	-667.9	-524.3	515,282.10	586,479.70	32.4164926	-104.1870426	