



Mewbourne Oil Company .

Eddy County, N.M. Nad (83)

Section 11-18S-31E Tamano 11 MD Fed Com #1H

Tamano 11 MD Fed Com #1H

Original Hole

Plan: Plan#1

Standard Planning Report

12 June, 2014

SL: 188 FSL & 903 FWL

LP: 680 FSL & 898 FWL

BHL: 330 FNL & 850 FWL

Oil Conservation Division

Case No. 9

Exhibit No. 9





Planning Report



Database:	Stryker_EDM	Local Co-ordinate Reference:	Well Tamano 11 MD Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	3719 + 20 @ 3739.0usft (Patterson #41)
Project:	Eddy County, N.M. Nad (83)	MD Reference:	3719 + 20 @ 3739.0usft (Patterson #41)
Site:	Section 11-18S-31E Tamano 11 MD Fed Com #1H	North Reference:	Grid
Well:	Tamano 11 MD Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan#1		

Project	Eddy County, N.M. Nad (83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Section 11-18S-31E Tamano 11 MD Fed Com #1H				
Site Position:		Northing:	638,858.20 usft	Latitude:	32° 45' 19.112 N
From:	Map	Easting:	691,204.40 usft	Longitude:	103° 50' 45.013 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.26 °

Well	Tamano 11 MD Fed Com #1H					
Well Position	+N/-S	0.0 usft	Northing:	638,858.20 usft	Latitude:	32° 45' 19.112 N
	+E/-W	0.0 usft	Easting:	691,204.40 usft	Longitude:	103° 50' 45.013 W
Position Uncertainty	0.0 usft		Wellhead Elevation:	0.0 usft	Ground Level:	3,719.0 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	6/12/2014	7.38	60.56	48,604

Design Plan#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	359.02

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	
8,081.8	0.00	0.00	8,081.8	0.0	0.0	0.00	0.00	0.00	0.00	
8,846.3	91.74	359.02	8,559.0	491.9	-8.4	12.00	12.00	-0.13	359.02	
13,119.4	91.74	359.02	8,429.0	4,762.4	-81.5	0.00	0.00	0.00	0.00	0.00 PBHL Tamano 11 H



Planning Report



Database: Stryker_EDM
Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 11-18S-31E Tamano 11 MD Fed Com #1H
Well: Tamano 11 MD Fed Com #1H
Wellbore: Original Hole
Design: Plan#1

Local Co-ordinate Reference: Well Tamano 11 MD Fed Com #1H
TVD Reference: 3719 + 20 @ 3739.0usft (Patterson #41)
MD Reference: 3719 + 20 @ 3739.0usft (Patterson #41)
North Reference: Grid

Survey Calculation Method: Minimum Curvature

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
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
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00



Planning Report



Database:	Stryker_EDM	Local Co-ordinate Reference:	Well Tamano 11 MD Fed Com #1H
Company:	Mewbourne Oil Company	TVD Reference:	3719 + 20 @ 3739.0usft (Patterson #41)
Project:	Eddy County, N.M. Nad (83)	MD Reference:	3719 + 20 @ 3739.0usft (Patterson #41)
Site:	Section 11-18S-31E Tamano 11 MD Fed Com #1H	North Reference:	Grid
Well:	Tamano 11 MD Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan#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)
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,081.8	0.00	0.00	8,081.8	0.0	0.0	0.0	0.00	0.00	0.00
8081.8' MD KOP									
8,100.0	2.18	359.02	8,100.0	0.3	0.0	0.3	12.00	12.00	0.00
8,125.0	5.18	359.02	8,124.9	2.0	0.0	2.0	12.00	12.00	0.00
8,150.0	8.18	359.02	8,149.8	4.9	-0.1	4.9	12.00	12.00	0.00
8,175.0	11.18	359.02	8,174.4	9.1	-0.2	9.1	12.00	12.00	0.00
8,200.0	14.18	359.02	8,198.8	14.6	-0.2	14.6	12.00	12.00	0.00
8,225.0	17.18	359.02	8,222.9	21.3	-0.4	21.3	12.00	12.00	0.00
8,250.0	20.18	359.02	8,246.5	29.3	-0.5	29.3	12.00	12.00	0.00
8,275.0	23.18	359.02	8,269.8	38.6	-0.7	38.6	12.00	12.00	0.00
8,300.0	26.18	359.02	8,292.5	49.0	-0.8	49.0	12.00	12.00	0.00
8,325.0	29.18	359.02	8,314.6	60.6	-1.0	60.6	12.00	12.00	0.00
8,350.0	32.18	359.02	8,336.1	73.4	-1.3	73.4	12.00	12.00	0.00
8,375.0	35.18	359.02	8,356.9	87.2	-1.5	87.2	12.00	12.00	0.00
8,400.0	38.18	359.02	8,377.0	102.1	-1.7	102.2	12.00	12.00	0.00
8,425.0	41.18	359.02	8,396.2	118.1	-2.0	118.1	12.00	12.00	0.00
8,450.0	44.18	359.02	8,414.6	135.1	-2.3	135.1	12.00	12.00	0.00
8,475.0	47.18	359.02	8,432.0	152.9	-2.6	153.0	12.00	12.00	0.00
8,500.0	50.18	359.02	8,448.5	171.7	-2.9	171.7	12.00	12.00	0.00
8,525.0	53.18	359.02	8,464.0	191.3	-3.3	191.3	12.00	12.00	0.00
8,550.0	56.18	359.02	8,478.5	211.7	-3.6	211.7	12.00	12.00	0.00
8,575.0	59.18	359.02	8,491.9	232.8	-4.0	232.9	12.00	12.00	0.00
8,600.0	62.18	359.02	8,504.1	254.6	-4.4	254.7	12.00	12.00	0.00
8,625.0	65.18	359.02	8,515.2	277.0	-4.7	277.1	12.00	12.00	0.00
8,650.0	68.18	359.02	8,525.1	300.0	-5.1	300.0	12.00	12.00	0.00



Planning Report



Database: Stryker_EDM
Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 11-18S-31E Tamano 11 MD Fed Com #1H
Well: Tamano 11 MD Fed Com #1H
Wellbore: Original Hole
Design: Plan#1

Local Co-ordinate Reference: Well Tamano 11 MD Fed Com #1H
TVD Reference: 3719 + 20 @ 3739.0usft (Patterson #41)
MD Reference: 3719 + 20 @ 3739.0usft (Patterson #41)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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)
8,675.0	71.18	359.02	8,533.7	323.4	-5.5	323.5	12.00	12.00	0.00
8,700.0	74.18	359.02	8,541.2	347.3	-5.9	347.3	12.00	12.00	0.00
8,725.0	77.18	359.02	8,547.4	371.5	-6.4	371.6	12.00	12.00	0.00
8,750.0	80.18	359.02	8,552.3	396.0	-6.8	396.1	12.00	12.00	0.00
8,775.0	83.18	359.02	8,555.9	420.7	-7.2	420.8	12.00	12.00	0.00
8,800.0	86.18	359.02	8,558.2	445.6	-7.6	445.7	12.00	12.00	0.00
8,825.0	89.18	359.02	8,559.2	470.6	-8.1	470.7	12.00	12.00	0.00
8,845.3	91.62	359.02	8,559.1	490.9	-8.4	490.9	12.00	12.00	0.00
LP Tamano 11 MD Fed Com #1H									
8,846.3	91.74	359.02	8,559.0	491.9	-8.4	492.0	12.00	12.00	0.00
8846.3' MD LP									
8,900.0	91.74	359.02	8,557.4	545.6	-9.3	545.6	0.01	0.01	0.00
9,000.0	91.74	359.02	8,554.4	645.5	-11.0	645.6	0.00	0.00	0.00
9,100.0	91.74	359.02	8,551.3	745.4	-12.8	745.5	0.00	0.00	0.00
9,200.0	91.74	359.02	8,548.3	845.4	-14.5	845.5	0.00	0.00	0.00
9,300.0	91.74	359.02	8,545.2	945.3	-16.2	945.5	0.00	0.00	0.00
9,400.0	91.74	359.02	8,542.2	1,045.3	-17.9	1,045.4	0.00	0.00	0.00
9,500.0	91.74	359.02	8,539.2	1,145.2	-19.6	1,145.4	0.00	0.00	0.00
9,600.0	91.74	359.02	8,536.1	1,245.1	-21.3	1,245.3	0.00	0.00	0.00
9,700.0	91.74	359.02	8,533.1	1,345.1	-23.0	1,345.3	0.00	0.00	0.00
9,800.0	91.74	359.02	8,530.0	1,445.0	-24.7	1,445.2	0.00	0.00	0.00
9,900.0	91.74	359.02	8,527.0	1,544.9	-26.4	1,545.2	0.00	0.00	0.00
10,000.0	91.74	359.02	8,523.9	1,644.9	-28.1	1,645.1	0.00	0.00	0.00
10,100.0	91.74	359.02	8,520.9	1,744.8	-29.9	1,745.1	0.00	0.00	0.00
10,200.0	91.74	359.02	8,517.8	1,844.8	-31.6	1,845.0	0.00	0.00	0.00
10,300.0	91.74	359.02	8,514.8	1,944.7	-33.3	1,945.0	0.00	0.00	0.00
10,400.0	91.74	359.02	8,511.8	2,044.6	-35.0	2,044.9	0.00	0.00	0.00
10,500.0	91.74	359.02	8,508.7	2,144.6	-36.7	2,144.9	0.00	0.00	0.00
10,600.0	91.74	359.02	8,505.7	2,244.5	-38.4	2,244.9	0.00	0.00	0.00
10,700.0	91.74	359.02	8,502.6	2,344.5	-40.1	2,344.8	0.00	0.00	0.00
10,800.0	91.74	359.02	8,499.6	2,444.4	-41.8	2,444.8	0.00	0.00	0.00
10,900.0	91.74	359.02	8,496.5	2,544.3	-43.5	2,544.7	0.00	0.00	0.00
11,000.0	91.74	359.02	8,493.5	2,644.3	-45.3	2,644.7	0.00	0.00	0.00
11,100.0	91.74	359.02	8,490.5	2,744.2	-47.0	2,744.6	0.00	0.00	0.00
11,200.0	91.74	359.02	8,487.4	2,844.2	-48.7	2,844.6	0.00	0.00	0.00
11,300.0	91.74	359.02	8,484.4	2,944.1	-50.4	2,944.5	0.00	0.00	0.00
11,400.0	91.74	359.02	8,481.3	3,044.0	-52.1	3,044.5	0.00	0.00	0.00
11,500.0	91.74	359.02	8,478.3	3,144.0	-53.8	3,144.4	0.00	0.00	0.00
11,600.0	91.74	359.02	8,475.2	3,243.9	-55.5	3,244.4	0.00	0.00	0.00
11,700.0	91.74	359.02	8,472.2	3,343.9	-57.2	3,344.3	0.00	0.00	0.00
11,800.0	91.74	359.02	8,469.2	3,443.8	-58.9	3,444.3	0.00	0.00	0.00
11,900.0	91.74	359.02	8,466.1	3,543.7	-60.6	3,544.2	0.00	0.00	0.00
12,000.0	91.74	359.02	8,463.1	3,643.7	-62.4	3,644.2	0.00	0.00	0.00
12,100.0	91.74	359.02	8,460.0	3,743.6	-64.1	3,744.2	0.00	0.00	0.00
12,200.0	91.74	359.02	8,457.0	3,843.5	-65.8	3,844.1	0.00	0.00	0.00
12,300.0	91.74	359.02	8,453.9	3,943.5	-67.5	3,944.1	0.00	0.00	0.00
12,400.0	91.74	359.02	8,450.9	4,043.4	-69.2	4,044.0	0.00	0.00	0.00
12,500.0	91.74	359.02	8,447.9	4,143.4	-70.9	4,144.0	0.00	0.00	0.00
12,600.0	91.74	359.02	8,444.8	4,243.3	-72.6	4,243.9	0.00	0.00	0.00
12,700.0	91.74	359.02	8,441.8	4,343.2	-74.3	4,343.9	0.00	0.00	0.00
12,800.0	91.74	359.02	8,438.7	4,443.2	-76.0	4,443.8	0.00	0.00	0.00
12,900.0	91.74	359.02	8,435.7	4,543.1	-77.7	4,543.8	0.00	0.00	0.00



Planning Report



Database: Stryker_EDM
Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 11-18S-31E Tamano 11 MD Fed Com #1H
Well: Tamano 11 MD Fed Com #1H
Wellbore: Original Hole
Design: Plan#1

Local Co-ordinate Reference: Well Tamano 11 MD Fed Com #1H
TVD Reference: 3719 + 20 @ 3739.0usft (Patterson #41)
MD Reference: 3719 + 20 @ 3739.0usft (Patterson #41)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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)
13,000.0	91.74	359.02	8,432.6	4,643.1	-79.5	4,643.7	0.00	0.00	0.00
13,100.0	91.74	359.02	8,429.6	4,743.0	-81.2	4,743.7	0.00	0.00	0.00
13,119.4	91.74	359.02	8,429.0	4,762.4	-81.5	4,763.1	0.00	0.00	0.00

13119.4' MD PBHL - PBHL Tamano 11 MD Fed Com #1H

Design Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- Shape									
PBHL Tamano 11 MD	0.00	0.00	8,429.0	4,762.4	-81.5	643,620.60	691,122.90	32° 46' 6.239 N	103° 50' 45.711 W
- plan hits target center									
- Point									
LP Tamano 11 MD Fe	0.00	0.00	8,559.0	490.9	-8.0	639,349.09	691,196.43	32° 45' 23.970 N	103° 50' 45.080 W
- plan misses target center by 0.4usft at 8845.3usft MD (8559.1 TVD, 490.9 N, -8.4 E)									
- Point									

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
8,081.8	8,081.8	0.0	0.0	8081.8' MD KOP
8,846.3	8,559.0	491.9	-8.4	8846.3' MD LP
13,119.4	8,429.0	4,762.4	-81.5	13119.4' MD PBHL



COMPANY: Mewbourne Oil Company
WELL: Tamano 11 MD Fed Com #1H
COUNTY: Eddy County, N.M. Nad (83)
DATUM: North American Datum 1983
RIG: Patterson #41



GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.12°

OFFICE: 936.582.7294

GEODETTIC ZONE: New Mexico Eastern Zone
3719 + 20 @ 3739.0usft (Patterson #41)
GROUND ELEVATION: 3719.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	638858.20	691204.40	32° 45' 19.112 N	103° 50' 45.013 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	8081.8	0.00	0.00	8081.8	0.0	0.0	0.00	0.00	0.0	
3	8846.3	91.74	359.02	8559.0	491.9	-8.4	12.00	359.02	492.0	
4	13119.4	91.74	359.02	8429.0	4762.4	-81.5	0.00	0.00	4763.1	PBHL Tamano 11 MD Fed Com #1H

