

Mewbourne Oil Company

Lea County, New Mexico

Pronghorn 15 B3CN Fed Com 1H

Sec 15, T23S, R34E

SL: 185' FNL & 1,700' FWL

BHL: 330' FSL & 1,800' FWL

Plan: Design #1

Standard Planning Report

08 November, 2016



Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pronghorn 15 B3CN Fed Com 1H
Company:	Mewbourne Oil Company	TVD Reference:	KB @ 3424.0usft
Project:	Lea County, New Mexico	MD Reference:	KB @ 3424.0usft
Site:	Pronghorn 15 B3CN Fed Com 1H	North Reference:	Grid
Well:	Sec 15, T23S, R34E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1,800' FWL		
Design:	Design #1		

Project	Lea County, New Mexico		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Pronghorn 15 B3CN Fed Com 1H				
Site Position:		Northing:	478,047.00 usft	Latitude:	32° 18' 40.498 N
From:	Map	Easting:	769,656.00 usft	Longitude:	103° 27' 37.849 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.47 °

Well	Sec 15, T23S, R34E					
Well Position	+N-S	0.0 usft	Northing:	478,047.00 usft	Latitude:	32° 18' 40.498 N
	+E-W	0.0 usft	Easting:	769,656.00 usft	Longitude:	103° 27' 37.849 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,397.0 usft	

Wellbore	BHL: 330' FSL & 1,800' FWL				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/7/2016	6.87	60.15	48,140

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	178.31	

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	
10,826.5	0.00	0.00	10,826.5	0.0	0.0	0.00	0.00	0.00	0.00	PH 15 B#CN KOP
11,574.6	89.76	178.31	11,304.0	-475.3	14.1	12.00	12.00	0.00	178.31	
15,866.2	89.76	178.31	11,322.0	-4,765.0	141.0	0.00	0.00	0.00	0.00	PH 15 B3CN BHL: 33

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pronghorn 15 B3CN Fed Com 1H
Company:	Mewbourne Oil Company	TVD Reference:	KB @ 3424.0usft
Project:	Lea County, New Mexico	MD Reference:	KB @ 3424.0usft
Site:	Pronghorn 15 B3CN Fed Com 1H	North Reference:	Grid
Well:	Sec 15, T23S, R34E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1,800' FWL		
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
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
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pronghorn 15 B3CN Fed Com 1H
Company:	Mewbourne Oil Company	TVD Reference:	KB @ 3424.0usft
Project:	Lea County, New Mexico	MD Reference:	KB @ 3424.0usft
Site:	Pronghorn 15 B3CN Fed Com 1H	North Reference:	Grid
Well:	Sec 15, T23S, R34E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1,800' FWL		
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)
5,400.0	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
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,500.0	0.0	0.0	0.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,600.0	0.0	0.0	0.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,700.0	0.0	0.0	0.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,800.0	0.0	0.0	0.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,900.0	0.0	0.0	0.0	0.00	0.00	0.00
10,000.0	0.00	0.00	10,000.0	0.0	0.0	0.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,100.0	0.0	0.0	0.0	0.00	0.00	0.00
10,200.0	0.00	0.00	10,200.0	0.0	0.0	0.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,300.0	0.0	0.0	0.0	0.00	0.00	0.00
10,400.0	0.00	0.00	10,400.0	0.0	0.0	0.0	0.00	0.00	0.00
10,500.0	0.00	0.00	10,500.0	0.0	0.0	0.0	0.00	0.00	0.00
10,600.0	0.00	0.00	10,600.0	0.0	0.0	0.0	0.00	0.00	0.00
10,700.0	0.00	0.00	10,700.0	0.0	0.0	0.0	0.00	0.00	0.00

Planning Report

Database: Hobbs
 Company: Mewbourne Oil Company
 Project: Lea County, New Mexico
 Site: Pronghorn 15 B3CN Fed Com 1H
 Well: Sec 15, T23S, R34E
 Wellbore: BHL: 330' FSL & 1,800' FVL
 Design: Design #1

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:

Site Pronghorn 15 B3CN Fed Com 1H
 KB @ 3424.0usft
 KB @ 3424.0usft
 Grid
 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)
10,800.0	0.00	0.00	10,800.0	0.0	0.0	0.0	0.00	0.00	0.00
10,826.5	0.00	0.00	10,826.5	0.0	0.0	0.0	0.00	0.00	0.00
10,850.0	2.82	178.31	10,850.0	-0.6	0.0	0.6	12.00	12.00	0.00
10,875.0	5.82	178.31	10,874.9	-2.5	0.1	2.5	12.00	12.00	0.00
10,900.0	8.82	178.31	10,899.7	-5.6	0.2	5.6	12.00	12.00	0.00
10,925.0	11.82	178.31	10,924.3	-10.1	0.3	10.1	12.00	12.00	0.00
10,950.0	14.82	178.31	10,948.6	-15.9	0.5	15.9	12.00	12.00	0.00
10,975.0	17.82	178.31	10,972.6	-22.9	0.7	22.9	12.00	12.00	0.00
11,000.0	20.82	178.31	10,998.2	-31.2	0.9	31.2	12.00	12.00	0.00
11,025.0	23.82	178.31	11,019.3	-40.7	1.2	40.7	12.00	12.00	0.00
11,050.0	26.82	178.31	11,041.9	-51.3	1.5	51.4	12.00	12.00	0.00
11,075.0	29.82	178.31	11,063.9	-63.2	1.9	63.2	12.00	12.00	0.00
11,100.0	32.82	178.31	11,085.3	-76.2	2.3	76.2	12.00	12.00	0.00
11,125.0	35.82	178.31	11,105.9	-90.3	2.7	90.3	12.00	12.00	0.00
11,150.0	38.82	178.31	11,125.8	-105.4	3.1	105.5	12.00	12.00	0.00
11,175.0	41.82	178.31	11,144.9	-121.6	3.6	121.6	12.00	12.00	0.00
11,200.0	44.82	178.31	11,163.1	-138.7	4.1	138.8	12.00	12.00	0.00
11,225.0	47.82	178.31	11,180.3	-156.8	4.6	156.9	12.00	12.00	0.00
11,250.0	50.82	178.31	11,196.6	-175.7	5.2	175.8	12.00	12.00	0.00
11,275.0	53.82	178.31	11,211.9	-195.5	5.8	195.6	12.00	12.00	0.00
11,300.0	56.82	178.31	11,226.1	-216.1	6.4	216.1	12.00	12.00	0.00
11,325.0	59.82	178.31	11,239.3	-237.3	7.0	237.4	12.00	12.00	0.00
11,350.0	62.81	178.31	11,251.3	-259.2	7.7	259.3	12.00	12.00	0.00
11,375.0	65.81	178.31	11,262.1	-281.8	8.3	281.9	12.00	12.00	0.00
11,400.0	68.81	178.31	11,271.7	-304.8	9.0	304.9	12.00	12.00	0.00
11,425.0	71.81	178.31	11,280.2	-328.3	9.7	328.5	12.00	12.00	0.00
11,450.0	74.81	178.31	11,287.3	-352.3	10.4	352.4	12.00	12.00	0.00
11,475.0	77.81	178.31	11,293.2	-376.5	11.1	376.7	12.00	12.00	0.00
11,500.0	80.81	178.31	11,297.9	-401.1	11.9	401.3	12.00	12.00	0.00
11,525.0	83.81	178.31	11,301.2	-425.9	12.6	426.0	12.00	12.00	0.00
11,550.0	86.81	178.31	11,303.3	-450.8	13.3	451.0	12.00	12.00	0.00
11,574.6	89.76	178.31	11,304.0	-475.3	14.1	475.5	12.00	12.00	0.00
11,600.0	89.76	178.31	11,304.1	-500.7	14.8	500.9	0.00	0.00	0.00
11,700.0	89.76	178.31	11,304.5	-600.7	17.8	600.9	0.00	0.00	0.00
11,800.0	89.76	178.31	11,304.9	-700.6	20.7	700.9	0.00	0.00	0.00
11,900.0	89.76	178.31	11,305.4	-800.6	23.7	800.9	0.00	0.00	0.00
12,000.0	89.76	178.31	11,305.8	-900.5	26.6	900.9	0.00	0.00	0.00
12,100.0	89.76	178.31	11,306.2	-1,000.5	29.6	1,000.9	0.00	0.00	0.00
12,200.0	89.76	178.31	11,306.6	-1,100.5	32.6	1,100.9	0.00	0.00	0.00
12,300.0	89.76	178.31	11,307.0	-1,200.4	35.5	1,200.9	0.00	0.00	0.00
12,400.0	89.76	178.31	11,307.5	-1,300.4	38.5	1,300.9	0.00	0.00	0.00
12,500.0	89.76	178.31	11,307.9	-1,400.3	41.4	1,400.9	0.00	0.00	0.00
12,600.0	89.76	178.31	11,308.3	-1,500.3	44.4	1,500.9	0.00	0.00	0.00
12,700.0	89.76	178.31	11,308.7	-1,600.2	47.4	1,600.9	0.00	0.00	0.00
12,800.0	89.76	178.31	11,309.1	-1,700.2	50.3	1,700.9	0.00	0.00	0.00
12,900.0	89.76	178.31	11,309.6	-1,800.1	53.3	1,800.9	0.00	0.00	0.00
13,000.0	89.76	178.31	11,310.0	-1,900.1	56.2	1,900.9	0.00	0.00	0.00
13,100.0	89.76	178.31	11,310.4	-2,000.1	59.2	2,000.9	0.00	0.00	0.00
13,200.0	89.76	178.31	11,310.8	-2,100.0	62.1	2,100.9	0.00	0.00	0.00
13,300.0	89.76	178.31	11,311.2	-2,200.0	65.1	2,200.9	0.00	0.00	0.00
13,400.0	89.76	178.31	11,311.7	-2,299.9	68.1	2,300.9	0.00	0.00	0.00
13,500.0	89.76	178.31	11,312.1	-2,399.9	71.0	2,400.9	0.00	0.00	0.00
13,600.0	89.76	178.31	11,312.5	-2,499.8	74.0	2,500.9	0.00	0.00	0.00
13,700.0	89.76	178.31	11,312.9	-2,599.8	76.9	2,600.9	0.00	0.00	0.00

Planning Report

Database:	Hobbs	Local Co-ordinate Reference:	Site Pronghorn 15 B3CN Fed Com 1H
Company:	Mewbourne Oil Company	TVD Reference:	KB @ 3424.0usft
Project:	Lea County, New Mexico	MD Reference:	KB @ 3424.0usft
Site:	Pronghorn 15 B3CN Fed Com 1H	North Reference:	Grid
Well:	Sec 15, T23S, R34E	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 330' FSL & 1,800' FWL		
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)
13,800.0	89.76	178.31	11,313.3	-2,699.7	79.9	2,700.9	0.00	0.00	0.00
13,900.0	89.76	178.31	11,313.8	-2,799.7	82.8	2,800.9	0.00	0.00	0.00
14,000.0	89.76	178.31	11,314.2	-2,899.7	85.8	2,900.9	0.00	0.00	0.00
14,100.0	89.76	178.31	11,314.6	-2,999.6	88.8	3,000.9	0.00	0.00	0.00
14,200.0	89.76	178.31	11,315.0	-3,099.6	91.7	3,100.9	0.00	0.00	0.00
14,300.0	89.76	178.31	11,315.4	-3,199.5	94.7	3,200.9	0.00	0.00	0.00
14,400.0	89.76	178.31	11,315.9	-3,299.5	97.6	3,300.9	0.00	0.00	0.00
14,500.0	89.76	178.31	11,316.3	-3,399.4	100.6	3,400.9	0.00	0.00	0.00
14,600.0	89.76	178.31	11,316.7	-3,499.4	103.5	3,500.9	0.00	0.00	0.00
14,700.0	89.76	178.31	11,317.1	-3,599.3	106.5	3,600.9	0.00	0.00	0.00
14,800.0	89.76	178.31	11,317.5	-3,699.3	109.5	3,700.9	0.00	0.00	0.00
14,900.0	89.76	178.31	11,317.9	-3,799.3	112.4	3,800.9	0.00	0.00	0.00
15,000.0	89.76	178.31	11,318.4	-3,899.2	115.4	3,900.9	0.00	0.00	0.00
15,100.0	89.76	178.31	11,318.8	-3,999.2	118.3	4,000.9	0.00	0.00	0.00
15,200.0	89.76	178.31	11,319.2	-4,099.1	121.3	4,100.9	0.00	0.00	0.00
15,300.0	89.76	178.31	11,319.6	-4,199.1	124.3	4,200.9	0.00	0.00	0.00
15,400.0	89.76	178.31	11,320.0	-4,299.0	127.2	4,300.9	0.00	0.00	0.00
15,500.0	89.76	178.31	11,320.5	-4,399.0	130.2	4,400.9	0.00	0.00	0.00
15,600.0	89.76	178.31	11,320.9	-4,498.9	133.1	4,500.9	0.00	0.00	0.00
15,700.0	89.76	178.31	11,321.3	-4,598.9	136.1	4,600.9	0.00	0.00	0.00
15,800.0	89.76	178.31	11,321.7	-4,698.8	139.0	4,700.9	0.00	0.00	0.00
15,866.2	89.76	178.31	11,322.0	-4,765.0	141.0	4,767.1	0.00	0.00	0.00

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
PH 15 B#CN KOP - plan hits target center - Point	0.00	0.00	10,826.5	0.0	0.0	478,047.00	769,656.00	32° 18' 40.498 N	103° 27' 37.849 W
PH 15 B3CN LP - plan hits target center - Point	0.00	0.00	11,304.0	-475.3	14.1	477,571.70	769,670.10	32° 18' 35.794 N	103° 27' 37.730 W
PH 15 B3CN BHL: 330' I - plan hits target center - Point	0.00	0.00	11,322.0	-4,765.0	141.0	473,282.00	769,797.00	32° 17' 53.336 N	103° 27' 36.659 W