

30-025-42480



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 27 NME)
 Site: Thor 21
 Well: #501H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference: Well #501H
 TVD Reference: KB = 25 @ 3277.0usft (H&P 260)
 MD Reference: KB = 25 @ 3277.0usft (H&P 260)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Project	Lea County, NM (NAD 27 NME)		
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	Thor 21		
Site Position:	Northings:	372,644.00 usft	Latitude: 32° 1' 19.964 N
From: Map	Easting:	736,738.00 usft	Longitude: 103° 34' 10.110 W
Position Uncertainty:	0.0 usft	Slot Radius: 13-3/16 "	Grid Convergence: 0.41 °

Well	#501H		
Well Position	+N/-S	0.0 usft	Northings: 372,644.00 usft
	+E/-W	30.0 usft	Easting: 736,768.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
			Ground Level: 3,252.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	4/27/2015	7.17
			Dip Angle (°)
			59.90
			Field Strength (nT)
			48,039

Design	Plan #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°)
			359.24

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	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,681.5	1.82	167.47	4,681.5	-2.8	0.6	1.00	1.00	92.26	167.47	
10,411.9	1.82	167.47	10,409.0	-180.0	40.0	0.00	0.00	0.00	0.00	
11,329.9	90.00	353.90	11,000.0	389.7	-18.8	10.00	9.61	-18.91	-173.57	
11,614.9	90.00	359.60	11,000.0	674.0	-34.9	2.00	0.00	2.00	90.00	
15,763.0	90.00	359.60	11,000.0	4,822.0	-64.0	0.00	0.00	0.00	0.00	PBHL(Thor 21 #501H)

MAR 19 2015



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Thor 21
Well: #501H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #501H
TVD Reference: KB = 25 @ 3277.0usft (H&P 260)
MD Reference: KB = 25 @ 3277.0usft (H&P 260)
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	1.00	167.47	4,600.0	-0.9	0.2	-0.9	1.00	1.00	0.00
4,681.5	1.82	167.47	4,681.5	-2.8	0.8	-2.8	1.00	1.00	0.00
4,700.0	1.82	167.47	4,700.0	-3.4	0.8	-3.4	0.00	0.00	0.00
4,800.0	1.82	167.47	4,799.9	-6.5	1.4	-6.5	0.00	0.00	0.00
4,900.0	1.82	167.47	4,899.9	-9.6	2.1	-9.6	0.00	0.00	0.00
5,000.0	1.82	167.47	4,999.8	-12.7	2.8	-12.7	0.00	0.00	0.00
5,100.0	1.82	167.47	5,099.8	-15.7	3.5	-15.8	0.00	0.00	0.00
5,200.0	1.82	167.47	5,199.7	-18.8	4.2	-18.9	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Thor 21
Well: #501H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #501H
TVD Reference: KB = 25 @ 3277.0usft (H&P 260)
MD Reference: KB = 25 @ 3277.0usft (H&P 260)
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)
5,300.0	1.82	167.47	5,299.7	-21.9	4.9	-22.0	0.00	0.00	0.00
5,400.0	1.82	167.47	5,399.6	-25.0	5.6	-25.1	0.00	0.00	0.00
5,500.0	1.82	167.47	5,499.6	-28.1	6.2	-28.2	0.00	0.00	0.00
5,600.0	1.82	167.47	5,599.5	-31.2	6.9	-31.3	0.00	0.00	0.00
5,700.0	1.82	167.47	5,699.5	-34.3	7.6	-34.4	0.00	0.00	0.00
5,800.0	1.82	167.47	5,799.4	-37.4	8.3	-37.5	0.00	0.00	0.00
5,900.0	1.82	167.47	5,899.4	-40.5	9.0	-40.6	0.00	0.00	0.00
6,000.0	1.82	167.47	5,999.3	-43.6	9.7	-43.7	0.00	0.00	0.00
6,100.0	1.82	167.47	6,099.3	-46.7	10.4	-46.8	0.00	0.00	0.00
6,200.0	1.82	167.47	6,199.2	-49.8	11.1	-49.9	0.00	0.00	0.00
6,300.0	1.82	167.47	6,299.2	-52.9	11.7	-53.0	0.00	0.00	0.00
6,400.0	1.82	167.47	6,399.1	-55.9	12.4	-56.1	0.00	0.00	0.00
6,500.0	1.82	167.47	6,499.1	-59.0	13.1	-59.2	0.00	0.00	0.00
6,600.0	1.82	167.47	6,599.0	-62.1	13.8	-62.3	0.00	0.00	0.00
6,700.0	1.82	167.47	6,699.0	-65.2	14.5	-65.4	0.00	0.00	0.00
6,800.0	1.82	167.47	6,798.9	-68.3	15.2	-68.5	0.00	0.00	0.00
6,900.0	1.82	167.47	6,898.9	-71.4	15.9	-71.6	0.00	0.00	0.00
7,000.0	1.82	167.47	6,998.8	-74.5	16.6	-74.7	0.00	0.00	0.00
7,100.0	1.82	167.47	7,098.8	-77.6	17.2	-77.8	0.00	0.00	0.00
7,200.0	1.82	167.47	7,198.7	-80.7	17.9	-80.9	0.00	0.00	0.00
7,300.0	1.82	167.47	7,298.7	-83.8	18.6	-84.0	0.00	0.00	0.00
7,400.0	1.82	167.47	7,398.6	-86.9	19.3	-87.1	0.00	0.00	0.00
7,500.0	1.82	167.47	7,498.6	-90.0	20.0	-90.2	0.00	0.00	0.00
7,600.0	1.82	167.47	7,598.5	-93.1	20.7	-93.3	0.00	0.00	0.00
7,700.0	1.82	167.47	7,698.5	-96.1	21.4	-96.4	0.00	0.00	0.00
7,800.0	1.82	167.47	7,798.4	-99.2	22.1	-99.5	0.00	0.00	0.00
7,900.0	1.82	167.47	7,898.4	-102.3	22.7	-102.6	0.00	0.00	0.00
8,000.0	1.82	167.47	7,998.3	-105.4	23.4	-105.7	0.00	0.00	0.00
8,100.0	1.82	167.47	8,098.3	-108.5	24.1	-108.8	0.00	0.00	0.00
8,200.0	1.82	167.47	8,198.2	-111.6	24.8	-111.9	0.00	0.00	0.00
8,300.0	1.82	167.47	8,298.2	-114.7	25.5	-115.0	0.00	0.00	0.00
8,400.0	1.82	167.47	8,398.1	-117.8	26.2	-118.1	0.00	0.00	0.00
8,500.0	1.82	167.47	8,498.1	-120.9	26.9	-121.2	0.00	0.00	0.00
8,600.0	1.82	167.47	8,598.0	-124.0	27.5	-124.3	0.00	0.00	0.00
8,700.0	1.82	167.47	8,698.0	-127.1	28.2	-127.4	0.00	0.00	0.00
8,800.0	1.82	167.47	8,797.9	-130.2	28.9	-130.5	0.00	0.00	0.00
8,900.0	1.82	167.47	8,897.9	-133.2	29.6	-133.6	0.00	0.00	0.00
9,000.0	1.82	167.47	8,997.8	-136.3	30.3	-136.7	0.00	0.00	0.00
9,100.0	1.82	167.47	9,097.8	-139.4	31.0	-139.8	0.00	0.00	0.00
9,200.0	1.82	167.47	9,197.7	-142.5	31.7	-142.9	0.00	0.00	0.00
9,300.0	1.82	167.47	9,297.7	-145.6	32.4	-146.0	0.00	0.00	0.00
9,400.0	1.82	167.47	9,397.6	-148.7	33.0	-149.1	0.00	0.00	0.00
9,500.0	1.82	167.47	9,497.6	-151.8	33.7	-152.2	0.00	0.00	0.00
9,600.0	1.82	167.47	9,597.5	-154.9	34.4	-155.3	0.00	0.00	0.00
9,700.0	1.82	167.47	9,697.5	-158.0	35.1	-158.4	0.00	0.00	0.00
9,800.0	1.82	167.47	9,797.4	-161.1	35.8	-161.5	0.00	0.00	0.00
9,900.0	1.82	167.47	9,897.4	-164.2	36.5	-164.6	0.00	0.00	0.00
10,000.0	1.82	167.47	9,997.3	-167.3	37.2	-167.7	0.00	0.00	0.00
10,100.0	1.82	167.47	10,097.3	-170.4	37.9	-170.8	0.00	0.00	0.00
10,200.0	1.82	167.47	10,197.2	-173.4	38.5	-173.9	0.00	0.00	0.00
10,300.0	1.82	167.47	10,297.2	-176.5	39.2	-177.0	0.00	0.00	0.00
10,400.0	1.82	167.47	10,397.1	-179.6	39.9	-180.1	0.00	0.00	0.00
10,411.9	1.82	167.47	10,409.0	-180.0	40.0	-180.5	0.00	0.00	0.00
10,450.0	2.02	359.69	10,447.1	-179.9	40.1	-180.4	10.00	0.53	-440.45



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Thor 21
Well: #501H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #501H
TVD Reference: KB = 25 @ 3277.0usft (H&P 260)
MD Reference: KB = 25 @ 3277.0usft (H&P 260)
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)
10,500.0	7.01	355.55	10,496.9	-176.0	39.9	-176.5	10.00	9.99	-8.26
10,550.0	12.01	354.86	10,546.2	-167.8	39.2	-168.3	10.00	10.00	-1.40
10,600.0	17.01	354.56	10,594.6	-155.3	38.0	-155.8	10.00	10.00	-0.58
10,650.0	22.01	354.40	10,641.7	-138.7	36.4	-139.2	10.00	10.00	-0.32
10,700.0	27.01	354.30	10,687.2	-118.1	34.4	-118.5	10.00	10.00	-0.21
10,750.0	32.01	354.23	10,730.7	-93.6	31.9	-94.0	10.00	10.00	-0.15
10,800.0	37.01	354.17	10,771.9	-65.4	29.0	-65.8	10.00	10.00	-0.11
10,850.0	42.01	354.13	10,810.5	-33.8	25.8	-34.1	10.00	10.00	-0.09
10,900.0	47.01	354.09	10,846.1	1.1	22.2	0.8	10.00	10.00	-0.07
10,950.0	52.01	354.06	10,878.6	38.9	18.3	38.7	10.00	10.00	-0.06
11,000.0	57.01	354.03	10,907.6	79.4	14.1	79.2	10.00	10.00	-0.05
11,050.0	62.01	354.01	10,932.9	122.2	9.6	122.1	10.00	10.00	-0.05
11,062.8	63.28	354.00	10,938.8	133.5	8.4	133.4	10.00	10.00	-0.04
FTP(Thor 21 #501H)									
11,100.0	67.01	353.99	10,954.5	167.1	4.9	167.0	10.00	10.00	-0.04
11,150.0	72.01	353.97	10,972.0	213.6	-0.1	213.6	10.00	10.00	-0.04
11,200.0	77.01	353.95	10,985.3	261.5	-5.1	261.6	10.00	10.00	-0.04
11,250.0	82.01	353.93	10,994.4	310.4	-10.3	310.5	10.00	10.00	-0.04
11,300.0	87.01	353.91	10,999.2	359.9	-15.6	360.1	10.00	10.00	-0.04
11,329.9	90.00	353.90	11,000.0	389.7	-18.8	389.9	10.00	10.00	-0.04
11,400.0	90.00	355.30	11,000.0	459.4	-25.4	459.7	2.00	0.00	2.00
11,500.0	90.00	357.30	11,000.0	558.2	-31.8	559.6	2.00	0.00	2.00
11,600.0	90.00	359.30	11,000.0	659.1	-34.8	659.5	2.00	0.00	2.00
11,614.9	90.00	359.60	11,000.0	674.0	-34.9	674.4	2.00	0.00	2.00
11,700.0	90.00	359.60	11,000.0	759.1	-35.5	759.5	0.00	0.00	0.00
11,800.0	90.00	359.60	11,000.0	859.1	-36.2	859.5	0.00	0.00	0.00
11,900.0	90.00	359.60	11,000.0	959.1	-36.9	959.5	0.00	0.00	0.00
12,000.0	90.00	359.60	11,000.0	1,059.1	-37.6	1,059.5	0.00	0.00	0.00
12,100.0	90.00	359.60	11,000.0	1,159.1	-38.3	1,159.5	0.00	0.00	0.00
12,200.0	90.00	359.60	11,000.0	1,259.1	-39.0	1,259.5	0.00	0.00	0.00
12,300.0	90.00	359.60	11,000.0	1,359.1	-39.7	1,359.5	0.00	0.00	0.00
12,400.0	90.00	359.60	11,000.0	1,459.1	-40.4	1,459.5	0.00	0.00	0.00
12,500.0	90.00	359.60	11,000.0	1,559.1	-41.1	1,559.5	0.00	0.00	0.00
12,600.0	90.00	359.60	11,000.0	1,659.1	-41.8	1,659.5	0.00	0.00	0.00
12,700.0	90.00	359.60	11,000.0	1,759.1	-42.5	1,759.5	0.00	0.00	0.00
12,800.0	90.00	359.60	11,000.0	1,859.1	-43.2	1,859.5	0.00	0.00	0.00
12,900.0	90.00	359.60	11,000.0	1,959.1	-43.9	1,959.5	0.00	0.00	0.00
13,000.0	90.00	359.60	11,000.0	2,059.1	-44.6	2,059.5	0.00	0.00	0.00
13,100.0	90.00	359.60	11,000.0	2,159.1	-45.3	2,159.5	0.00	0.00	0.00
13,200.0	90.00	359.60	11,000.0	2,259.1	-46.0	2,259.5	0.00	0.00	0.00
13,300.0	90.00	359.60	11,000.0	2,359.1	-46.7	2,359.5	0.00	0.00	0.00
13,400.0	90.00	359.60	11,000.0	2,459.1	-47.4	2,459.5	0.00	0.00	0.00
13,500.0	90.00	359.60	11,000.0	2,559.1	-48.1	2,559.5	0.00	0.00	0.00
13,600.0	90.00	359.60	11,000.0	2,659.1	-48.8	2,659.5	0.00	0.00	0.00
13,700.0	90.00	359.60	11,000.0	2,759.1	-49.5	2,759.5	0.00	0.00	0.00
13,800.0	90.00	359.60	11,000.0	2,859.1	-50.2	2,859.5	0.00	0.00	0.00
13,900.0	90.00	359.60	11,000.0	2,959.1	-50.9	2,959.5	0.00	0.00	0.00
14,000.0	90.00	359.60	11,000.0	3,059.1	-51.6	3,059.5	0.00	0.00	0.00
14,100.0	90.00	359.60	11,000.0	3,159.1	-52.3	3,159.5	0.00	0.00	0.00
14,200.0	90.00	359.60	11,000.0	3,259.1	-53.0	3,259.5	0.00	0.00	0.00
14,300.0	90.00	359.60	11,000.0	3,359.1	-53.7	3,359.5	0.00	0.00	0.00
14,400.0	90.00	359.60	11,000.0	3,459.1	-54.4	3,459.5	0.00	0.00	0.00
14,500.0	90.00	359.60	11,000.0	3,559.1	-55.1	3,559.5	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 27 NME)
 Site: Thor 21
 Well: #501H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference: Well #501H
 TVD Reference: KB = 25 @ 3277.0usft (H&P 260)
 MD Reference: KB = 25 @ 3277.0usft (H&P 260)
 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)
14,600.0	90.00	359.60	11,000.0	3,659.1	-55.8	3,659.5	0.00	0.00	0.00
14,700.0	90.00	359.60	11,000.0	3,759.1	-56.5	3,759.5	0.00	0.00	0.00
14,800.0	90.00	359.60	11,000.0	3,859.1	-57.2	3,859.5	0.00	0.00	0.00
14,900.0	90.00	359.60	11,000.0	3,959.1	-58.0	3,959.5	0.00	0.00	0.00
15,000.0	90.00	359.60	11,000.0	4,059.1	-58.7	4,059.5	0.00	0.00	0.00
15,100.0	90.00	359.60	11,000.0	4,159.0	-59.4	4,159.5	0.00	0.00	0.00
15,200.0	90.00	359.60	11,000.0	4,259.0	-60.1	4,259.5	0.00	0.00	0.00
15,300.0	90.00	359.60	11,000.0	4,359.0	-60.8	4,359.5	0.00	0.00	0.00
15,400.0	90.00	359.60	11,000.0	4,459.0	-61.5	4,459.5	0.00	0.00	0.00
15,500.0	90.00	359.60	11,000.0	4,559.0	-62.2	4,559.5	0.00	0.00	0.00
15,600.0	90.00	359.60	11,000.0	4,659.0	-62.9	4,659.5	0.00	0.00	0.00
15,700.0	90.00	359.60	11,000.0	4,759.0	-63.6	4,759.5	0.00	0.00	0.00
15,763.0	90.00	359.60	11,000.0	4,822.0	-64.0	4,822.4	0.00	0.00	0.00

PBHL(Thor 21 #501H)

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
FTP(Thor 21 #501H)	0.00	0.00	11,000.0	100.0	-31.0	372,744.00	736,737.00	32° 1' 20.953 N	103° 34' 10.114 W
- plan misses target center by 80.1usft at 11062.8usft MD (10938.8 TVD, 133.5 N, 8.4 E)									
- Point									
PBHL(Thor 21 #501H)	0.00	0.00	11,000.0	4,822.0	-64.0	377,466.00	736,704.00	32° 2' 7.684 N	103° 34' 10.109 W
- plan hits target center									
- Point									