



EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Ophelia 27

#706H

OH

Plan: Plan #0.1

Standard Planning Report

04 November, 2015

30-025-42924

NOV 09 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: Ophelia 27
Well: #706H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #706H
TVD Reference: KB = 25 @ 3291.0usft (Precision 612)
MD Reference: KB = 25 @ 3291.0usft (Precision 612)
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	Ophelia 27				
Site Position:		Northing:	370,025.00 usft	Latitude:	32° 0' 53.711 N
From:	Map	Easting:	741,483.00 usft	Longitude:	103° 33' 15.217 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.41 °

Well	#706H					
Well Position	+N/-S	-22.0 usft	Northing:	370,003.00 usft	Latitude:	32° 0' 53.723 N
	+E/-W	-3,242.0 usft	Easting:	738,241.00 usft	Longitude:	103° 33' 52.871 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,266.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	10/4/2016	7.01	59.88	47.887

Design	Plan #0.1				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	357.90	

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	
4,669.6	1.70	217.90	4,669.6	-2.0	-1.5	1.00	1.00	0.00	217.90	
11,904.7	1.70	217.90	11,901.5	-171.0	-133.1	0.00	0.00	0.00	0.00	
12,665.8	90.00	359.60	12,390.0	306.3	-145.4	12.00	11.60	18.62	141.69	
17,189.6	90.00	359.60	12,390.0	4,830.0	-177.0	0.00	0.00	0.00	0.00	PBHL(Ophelia 27 #7C)



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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	217.90	4,600.0	-0.7	-0.5	-0.7	1.00	1.00	0.00
4,669.6	1.70	217.90	4,669.6	-2.0	-1.5	-1.9	1.00	1.00	0.00
4,700.0	1.70	217.90	4,700.0	-2.7	-2.1	-2.6	0.00	0.00	0.00
4,800.0	1.70	217.90	4,799.9	-5.0	-3.9	-4.9	0.00	0.00	0.00
4,900.0	1.70	217.90	4,899.9	-7.4	-5.7	-7.1	0.00	0.00	0.00
5,000.0	1.70	217.90	4,999.8	-9.7	-7.5	-9.4	0.00	0.00	0.00
5,100.0	1.70	217.90	5,099.8	-12.0	-9.4	-11.7	0.00	0.00	0.00
5,200.0	1.70	217.90	5,199.7	-14.4	-11.2	-13.9	0.00	0.00	0.00



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5,300.0	1.70	217.90	5,299.7	-16.7	-13.0	-16.2	0.00	0.00	0.00
5,400.0	1.70	217.90	5,399.7	-19.0	-14.8	-18.5	0.00	0.00	0.00
5,500.0	1.70	217.90	5,499.6	-21.4	-16.6	-20.8	0.00	0.00	0.00
5,600.0	1.70	217.90	5,599.6	-23.7	-18.5	-23.0	0.00	0.00	0.00
5,700.0	1.70	217.90	5,699.5	-26.0	-20.3	-25.3	0.00	0.00	0.00
5,800.0	1.70	217.90	5,799.5	-28.4	-22.1	-27.6	0.00	0.00	0.00
5,900.0	1.70	217.90	5,899.4	-30.7	-23.9	-29.8	0.00	0.00	0.00
6,000.0	1.70	217.90	5,999.4	-33.1	-25.7	-32.1	0.00	0.00	0.00
6,100.0	1.70	217.90	6,099.3	-35.4	-27.5	-34.4	0.00	0.00	0.00
6,200.0	1.70	217.90	6,199.3	-37.7	-29.4	-36.6	0.00	0.00	0.00
6,300.0	1.70	217.90	6,299.3	-40.1	-31.2	-38.9	0.00	0.00	0.00
6,400.0	1.70	217.90	6,399.2	-42.4	-33.0	-41.2	0.00	0.00	0.00
6,500.0	1.70	217.90	6,499.2	-44.7	-34.8	-43.4	0.00	0.00	0.00
6,600.0	1.70	217.90	6,599.1	-47.1	-36.6	-45.7	0.00	0.00	0.00
6,700.0	1.70	217.90	6,699.1	-49.4	-38.5	-48.0	0.00	0.00	0.00
6,800.0	1.70	217.90	6,799.0	-51.7	-40.3	-50.2	0.00	0.00	0.00
6,900.0	1.70	217.90	6,899.0	-54.1	-42.1	-52.5	0.00	0.00	0.00
7,000.0	1.70	217.90	6,999.0	-56.4	-43.9	-54.8	0.00	0.00	0.00
7,100.0	1.70	217.90	7,098.9	-58.7	-45.7	-57.0	0.00	0.00	0.00
7,200.0	1.70	217.90	7,198.9	-61.1	-47.5	-59.3	0.00	0.00	0.00
7,300.0	1.70	217.90	7,298.8	-63.4	-49.4	-61.6	0.00	0.00	0.00
7,400.0	1.70	217.90	7,398.8	-65.7	-51.2	-63.8	0.00	0.00	0.00
7,500.0	1.70	217.90	7,498.7	-68.1	-53.0	-66.1	0.00	0.00	0.00
7,600.0	1.70	217.90	7,598.7	-70.4	-54.8	-68.4	0.00	0.00	0.00
7,700.0	1.70	217.90	7,698.6	-72.8	-56.6	-70.6	0.00	0.00	0.00
7,800.0	1.70	217.90	7,798.6	-75.1	-58.5	-72.9	0.00	0.00	0.00
7,900.0	1.70	217.90	7,898.6	-77.4	-60.3	-75.2	0.00	0.00	0.00
8,000.0	1.70	217.90	7,998.5	-79.8	-62.1	-77.4	0.00	0.00	0.00
8,100.0	1.70	217.90	8,098.5	-82.1	-63.9	-79.7	0.00	0.00	0.00
8,200.0	1.70	217.90	8,198.4	-84.4	-65.7	-82.0	0.00	0.00	0.00
8,300.0	1.70	217.90	8,298.4	-86.8	-67.5	-84.2	0.00	0.00	0.00
8,400.0	1.70	217.90	8,398.3	-89.1	-69.4	-86.5	0.00	0.00	0.00
8,500.0	1.70	217.90	8,498.3	-91.4	-71.2	-88.8	0.00	0.00	0.00
8,600.0	1.70	217.90	8,598.3	-93.8	-73.0	-91.0	0.00	0.00	0.00
8,700.0	1.70	217.90	8,698.2	-96.1	-74.8	-93.3	0.00	0.00	0.00
8,800.0	1.70	217.90	8,798.2	-98.4	-76.6	-95.6	0.00	0.00	0.00
8,900.0	1.70	217.90	8,898.1	-100.8	-78.5	-97.8	0.00	0.00	0.00
9,000.0	1.70	217.90	8,998.1	-103.1	-80.3	-100.1	0.00	0.00	0.00
9,100.0	1.70	217.90	9,098.0	-105.4	-82.1	-102.4	0.00	0.00	0.00
9,200.0	1.70	217.90	9,198.0	-107.8	-83.9	-104.6	0.00	0.00	0.00
9,300.0	1.70	217.90	9,297.9	-110.1	-85.7	-106.9	0.00	0.00	0.00
9,400.0	1.70	217.90	9,397.9	-112.5	-87.5	-109.2	0.00	0.00	0.00
9,500.0	1.70	217.90	9,497.9	-114.8	-89.4	-111.4	0.00	0.00	0.00
9,600.0	1.70	217.90	9,597.8	-117.1	-91.2	-113.7	0.00	0.00	0.00
9,700.0	1.70	217.90	9,697.8	-119.5	-93.0	-116.0	0.00	0.00	0.00
9,800.0	1.70	217.90	9,797.7	-121.8	-94.8	-118.2	0.00	0.00	0.00
9,900.0	1.70	217.90	9,897.7	-124.1	-96.6	-120.5	0.00	0.00	0.00
10,000.0	1.70	217.90	9,997.6	-126.5	-98.5	-122.8	0.00	0.00	0.00
10,100.0	1.70	217.90	10,097.6	-128.8	-100.3	-125.0	0.00	0.00	0.00
10,200.0	1.70	217.90	10,197.6	-131.1	-102.1	-127.3	0.00	0.00	0.00
10,300.0	1.70	217.90	10,297.5	-133.5	-103.9	-129.6	0.00	0.00	0.00
10,400.0	1.70	217.90	10,397.5	-135.8	-105.7	-131.8	0.00	0.00	0.00
10,500.0	1.70	217.90	10,497.4	-138.1	-107.5	-134.1	0.00	0.00	0.00
10,600.0	1.70	217.90	10,597.4	-140.5	-109.4	-136.4	0.00	0.00	0.00



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10,700.0	1.70	217.90	10,697.3	-142.8	-111.2	-138.6	0.00	0.00	0.00
10,800.0	1.70	217.90	10,797.3	-145.2	-113.0	-140.9	0.00	0.00	0.00
10,900.0	1.70	217.90	10,897.2	-147.5	-114.8	-143.2	0.00	0.00	0.00
11,000.0	1.70	217.90	10,997.2	-149.8	-116.6	-145.5	0.00	0.00	0.00
11,100.0	1.70	217.90	11,097.2	-152.2	-118.5	-147.7	0.00	0.00	0.00
11,200.0	1.70	217.90	11,197.1	-154.5	-120.3	-150.0	0.00	0.00	0.00
11,300.0	1.70	217.90	11,297.1	-156.8	-122.1	-152.3	0.00	0.00	0.00
11,400.0	1.70	217.90	11,397.0	-159.2	-123.9	-154.5	0.00	0.00	0.00
11,500.0	1.70	217.90	11,497.0	-161.5	-125.7	-156.8	0.00	0.00	0.00
11,600.0	1.70	217.90	11,596.9	-163.8	-127.5	-159.1	0.00	0.00	0.00
11,700.0	1.70	217.90	11,696.9	-166.2	-129.4	-161.3	0.00	0.00	0.00
11,800.0	1.70	217.90	11,796.9	-168.5	-131.2	-163.6	0.00	0.00	0.00
11,904.7	1.70	217.90	11,901.5	-171.0	-133.1	-166.0	0.00	0.00	0.00
11,925.0	1.52	315.96	11,921.8	-171.0	-133.5	-166.0	12.00	-0.85	483.59
11,950.0	4.23	345.25	11,946.8	-169.9	-133.9	-164.8	12.00	10.85	117.14
11,975.0	7.18	351.22	11,971.6	-167.4	-134.4	-162.4	12.00	11.78	23.89
12,000.0	10.16	353.72	11,996.4	-163.7	-134.9	-158.6	12.00	11.91	9.99
12,025.0	13.14	355.09	12,020.8	-158.7	-135.4	-153.6	12.00	11.95	5.49
12,050.0	16.14	355.96	12,045.0	-152.4	-135.8	-147.3	12.00	11.97	3.48
12,075.0	19.13	356.57	12,068.8	-144.8	-136.3	-139.7	12.00	11.98	2.42
12,100.0	22.13	357.01	12,092.2	-136.0	-136.8	-130.9	12.00	11.98	1.78
12,125.0	25.12	357.36	12,115.1	-126.0	-137.3	-120.9	12.00	11.99	1.38
12,150.0	28.12	357.63	12,137.5	-114.8	-137.8	-109.7	12.00	11.99	1.10
12,175.0	31.12	357.86	12,159.2	-102.5	-138.3	-97.3	12.00	11.99	0.90
12,200.0	34.12	358.05	12,180.3	-89.0	-138.8	-83.9	12.00	11.99	0.76
12,225.0	37.12	358.21	12,200.6	-74.5	-139.2	-69.3	12.00	11.99	0.65
12,250.0	40.11	358.35	12,220.1	-58.9	-139.7	-53.7	12.00	11.99	0.57
12,275.0	43.11	358.48	12,238.8	-42.3	-140.2	-37.1	12.00	12.00	0.50
12,300.0	46.11	358.59	12,256.6	-24.7	-140.6	-19.6	12.00	12.00	0.45
12,325.0	49.11	358.69	12,273.5	-6.3	-141.1	-1.1	12.00	12.00	0.40
12,350.0	52.11	358.78	12,289.3	13.0	-141.5	18.2	12.00	12.00	0.37
12,375.0	55.11	358.87	12,304.2	33.2	-141.9	38.3	12.00	12.00	0.34
12,400.0	58.11	358.95	12,317.9	54.0	-142.3	59.2	12.00	12.00	0.32
12,425.0	61.11	359.02	12,330.6	75.6	-142.7	80.8	12.00	12.00	0.30
12,450.0	64.11	359.09	12,342.1	97.8	-143.0	103.0	12.00	12.00	0.28
12,475.0	67.11	359.16	12,352.4	120.5	-143.4	125.7	12.00	12.00	0.27
12,477.0	67.35	359.16	12,353.2	122.4	-143.4	127.6	12.00	12.00	0.26
FTP(Ophelia 27 #706H)									
12,500.0	70.11	359.22	12,361.5	143.8	-143.7	149.0	12.00	12.00	0.25
12,525.0	73.11	359.28	12,369.4	167.5	-144.0	172.7	12.00	12.00	0.24
12,550.0	76.10	359.34	12,376.0	191.6	-144.3	196.8	12.00	12.00	0.24
12,575.0	79.10	359.40	12,381.4	216.0	-144.6	221.2	12.00	12.00	0.23
12,600.0	82.10	359.45	12,385.5	240.7	-144.8	245.9	12.00	12.00	0.23
12,625.0	85.10	359.51	12,388.3	265.5	-145.1	270.7	12.00	12.00	0.22
12,650.0	88.10	359.56	12,389.7	290.5	-145.3	295.6	12.00	12.00	0.22
12,665.8	90.00	359.60	12,390.0	308.3	-145.4	311.4	12.00	12.00	0.22
12,700.0	90.00	359.60	12,390.0	340.5	-145.6	345.6	0.00	0.00	0.00
12,800.0	90.00	359.60	12,390.0	440.5	-146.3	445.6	0.00	0.00	0.00
12,900.0	90.00	359.60	12,390.0	540.5	-147.0	545.5	0.00	0.00	0.00
13,000.0	90.00	359.60	12,390.0	640.5	-147.7	645.5	0.00	0.00	0.00
13,100.0	90.00	359.60	12,390.0	740.5	-148.4	745.4	0.00	0.00	0.00
13,200.0	90.00	359.60	12,390.0	840.5	-149.1	845.4	0.00	0.00	0.00
13,300.0	90.00	359.60	12,390.0	940.5	-149.8	945.3	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: Ophelia 27
Well: #706H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #706H
TVD Reference: KB = 25 @ 3291.0usft (Precision 612)
MD Reference: KB = 25 @ 3291.0usft (Precision 612)
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)
13,400.0	90.00	359.60	12,390.0	1,040.5	-150.5	1,045.3	0.00	0.00	0.00
13,500.0	90.00	359.60	12,390.0	1,140.5	-151.2	1,145.2	0.00	0.00	0.00
13,600.0	90.00	359.60	12,390.0	1,240.5	-151.9	1,245.2	0.00	0.00	0.00
13,700.0	90.00	359.60	12,390.0	1,340.5	-152.6	1,345.2	0.00	0.00	0.00
13,800.0	90.00	359.60	12,390.0	1,440.5	-153.3	1,445.1	0.00	0.00	0.00
13,900.0	90.00	359.60	12,390.0	1,540.5	-154.0	1,545.1	0.00	0.00	0.00
14,000.0	90.00	359.60	12,390.0	1,640.5	-154.7	1,645.0	0.00	0.00	0.00
14,100.0	90.00	359.60	12,390.0	1,740.5	-155.4	1,745.0	0.00	0.00	0.00
14,200.0	90.00	359.60	12,390.0	1,840.5	-156.1	1,844.9	0.00	0.00	0.00
14,300.0	90.00	359.60	12,390.0	1,940.5	-156.8	1,944.9	0.00	0.00	0.00
14,400.0	90.00	359.60	12,390.0	2,040.5	-157.5	2,044.9	0.00	0.00	0.00
14,500.0	90.00	359.60	12,390.0	2,140.5	-158.2	2,144.8	0.00	0.00	0.00
14,600.0	90.00	359.60	12,390.0	2,240.5	-158.9	2,244.8	0.00	0.00	0.00
14,700.0	90.00	359.60	12,390.0	2,340.4	-159.6	2,344.7	0.00	0.00	0.00
14,800.0	90.00	359.60	12,390.0	2,440.4	-160.3	2,444.7	0.00	0.00	0.00
14,900.0	90.00	359.60	12,390.0	2,540.4	-161.0	2,544.6	0.00	0.00	0.00
15,000.0	90.00	359.60	12,390.0	2,640.4	-161.7	2,644.6	0.00	0.00	0.00
15,100.0	90.00	359.60	12,390.0	2,740.4	-162.4	2,744.5	0.00	0.00	0.00
15,200.0	90.00	359.60	12,390.0	2,840.4	-163.1	2,844.5	0.00	0.00	0.00
15,300.0	90.00	359.60	12,390.0	2,940.4	-163.8	2,944.5	0.00	0.00	0.00
15,400.0	90.00	359.60	12,390.0	3,040.4	-164.5	3,044.4	0.00	0.00	0.00
15,500.0	90.00	359.60	12,390.0	3,140.4	-165.2	3,144.4	0.00	0.00	0.00
15,600.0	90.00	359.60	12,390.0	3,240.4	-165.9	3,244.3	0.00	0.00	0.00
15,700.0	90.00	359.60	12,390.0	3,340.4	-166.6	3,344.3	0.00	0.00	0.00
15,800.0	90.00	359.60	12,390.0	3,440.4	-167.3	3,444.2	0.00	0.00	0.00
15,900.0	90.00	359.60	12,390.0	3,540.4	-168.0	3,544.2	0.00	0.00	0.00
16,000.0	90.00	359.60	12,390.0	3,640.4	-168.7	3,644.2	0.00	0.00	0.00
16,100.0	90.00	359.60	12,390.0	3,740.4	-169.4	3,744.1	0.00	0.00	0.00
16,200.0	90.00	359.60	12,390.0	3,840.4	-170.1	3,844.1	0.00	0.00	0.00
16,300.0	90.00	359.60	12,390.0	3,940.4	-170.8	3,944.0	0.00	0.00	0.00
16,400.0	90.00	359.60	12,390.0	4,040.4	-171.5	4,044.0	0.00	0.00	0.00
16,500.0	90.00	359.60	12,390.0	4,140.4	-172.2	4,143.9	0.00	0.00	0.00
16,600.0	90.00	359.60	12,390.0	4,240.4	-172.9	4,243.9	0.00	0.00	0.00
16,700.0	90.00	359.60	12,390.0	4,340.4	-173.6	4,343.8	0.00	0.00	0.00
16,800.0	90.00	359.60	12,390.0	4,440.4	-174.3	4,443.8	0.00	0.00	0.00
16,900.0	90.00	359.60	12,390.0	4,540.4	-175.0	4,543.8	0.00	0.00	0.00
17,000.0	90.00	359.60	12,390.0	4,640.4	-175.7	4,643.7	0.00	0.00	0.00
17,100.0	90.00	359.60	12,390.0	4,740.4	-176.4	4,743.7	0.00	0.00	0.00
17,189.6	90.00	359.60	12,390.0	4,830.0	-177.0	4,833.2	0.00	0.00	0.00

PBHL(Ophelia 27 #706H)

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									
PBHL(Ophelia 27 #706H)	0.00	0.00	12,390.0	4,830.0	-177.0	374,833.00	738,064.00	32° 1' 41.533 N	103° 33' 54.528 W
- plan hits target center									
- Point									
FTP(Ophelia 27 #706H)	0.00	0.00	12,390.0	108.0	-144.0	370,111.00	738,097.00	32° 0' 54.802 N	103° 33' 54.535 W
- plan misses target center by 39.6usft at 12477.0usft MD (12353.2 TVD, 122.4 N, -143.4 E)									
- Point									



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