30-025-42925

eog resources

EOG Resources - Midland

Lea County, NM (NAD 27 NME)
Ophelia 27
#707H

OH

Plan: Plan #0.1

Standard Planning Report

04 November, 2015

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #707H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3290.0usft (Precision 612)
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25 @ 3290.0usft (Precision 612)
Site:	Ophelia 27	**North Reference:**	Grid
Well:	#707H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	#707H					
Well Position	**+N/-S**	-21.0 usft	**Northing:**	370,004.00 usft	**Latitude:**	32° 0' 53.731 N
	+E/-W	-3,212.0 usft	**Easting:**	738,271.00 usft	**Longitude:**	103° 33' 52.523 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	0.0 usft	**Ground Level:**	3,265.0 usft

Wellbore	OH				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2015	10/25/2016	7.01	59.88	47,882

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	1.29	

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	
4,670.6	1.71	141.70	4,670.5	-2.0	1.6	1.00	1.00	0.00	141.70	
11,904.6	1.71	141.70	11,901.4	-171.0	135.0	0.00	0.00	0.00	0.00	
12,665.8	90.00	359.60	12,390.0	306.4	140.6	12.00	11.60	-18.67	-142.09	
17,190.5	90.00	359.60	12,390.0	4,831.0	109.0	0.00	0.00	0.00	0.00	PBHL(Ophelia 27 #70

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Site:	Ophelia 27	**North Reference:**	Grid
Well:	#707H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	1.00	141.70	4,600.0	-0.7	0.5	-0.7	1.00	1.00	0.00
4,670.6	1.71	141.70	4,670.5	-2.0	1.6	-2.0	1.00	1.00	0.00
4,700.0	1.71	141.70	4,700.0	-2.7	2.1	-2.6	0.00	0.00	0.00
4,800.0	1.71	141.70	4,799.9	-5.0	4.0	-4.9	0.00	0.00	0.00
4,900.0	1.71	141.70	4,899.9	-7.4	5.8	-7.2	0.00	0.00	0.00
5,000.0	1.71	141.70	4,999.8	-9.7	7.7	-9.5	0.00	0.00	0.00
5,100.0	1.71	141.70	5,099.8	-12.0	9.5	-11.8	0.00	0.00	0.00
5,200.0	1.71	141.70	5,199.7	-14.4	11.3	-14.1	0.00	0.00	0.00

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Well:	#707H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	1.71	141.70	5,299.7	-16.7	13.2	-16.4	0.00	0.00	0.00
5,400.0	1.71	141.70	5,399.7	-19.0	15.0	-18.7	0.00	0.00	0.00
5,500.0	1.71	141.70	5,499.6	-21.4	16.9	-21.0	0.00	0.00	0.00
5,600.0	1.71	141.70	5,599.6	-23.7	18.7	-23.3	0.00	0.00	0.00
5,700.0	1.71	141.70	5,699.5	-26.0	20.6	-25.6	0.00	0.00	0.00
5,800.0	1.71	141.70	5,799.5	-28.4	22.4	-27.9	0.00	0.00	0.00
5,900.0	1.71	141.70	5,899.4	-30.7	24.3	-30.2	0.00	0.00	0.00
6,000.0	1.71	141.70	5,999.4	-33.0	26.1	-32.4	0.00	0.00	0.00
6,100.0	1.71	141.70	6,099.3	-35.4	27.9	-34.7	0.00	0.00	0.00
6,200.0	1.71	141.70	6,199.3	-37.7	29.8	-37.0	0.00	0.00	0.00
6,300.0	1.71	141.70	6,299.3	-40.1	31.6	-39.3	0.00	0.00	0.00
6,400.0	1.71	141.70	6,399.2	-42.4	33.5	-41.6	0.00	0.00	0.00
6,500.0	1.71	141.70	6,499.2	-44.7	35.3	-43.9	0.00	0.00	0.00
6,600.0	1.71	141.70	6,599.1	-47.1	37.2	-46.2	0.00	0.00	0.00
6,700.0	1.71	141.70	6,699.1	-49.4	39.0	-48.5	0.00	0.00	0.00
6,800.0	1.71	141.70	6,799.0	-51.7	40.9	-50.8	0.00	0.00	0.00
6,900.0	1.71	141.70	6,899.0	-54.1	42.7	-53.1	0.00	0.00	0.00
7,000.0	1.71	141.70	6,998.9	-56.4	44.5	-55.4	0.00	0.00	0.00
7,100.0	1.71	141.70	7,098.9	-58.7	46.4	-57.7	0.00	0.00	0.00
7,200.0	1.71	141.70	7,198.9	-61.1	48.2	-60.0	0.00	0.00	0.00
7,300.0	1.71	141.70	7,298.8	-63.4	50.1	-62.3	0.00	0.00	0.00
7,400.0	1.71	141.70	7,398.8	-65.7	51.9	-64.6	0.00	0.00	0.00
7,500.0	1.71	141.70	7,498.7	-68.1	53.8	-66.9	0.00	0.00	0.00
7,600.0	1.71	141.70	7,598.7	-70.4	55.6	-69.1	0.00	0.00	0.00
7,700.0	1.71	141.70	7,698.6	-72.8	57.5	-71.4	0.00	0.00	0.00
7,800.0	1.71	141.70	7,798.6	-75.1	59.3	-73.7	0.00	0.00	0.00
7,900.0	1.71	141.70	7,898.5	-77.4	61.1	-76.0	0.00	0.00	0.00
8,000.0	1.71	141.70	7,998.5	-79.8	63.0	-78.3	0.00	0.00	0.00
8,100.0	1.71	141.70	8,098.5	-82.1	64.8	-80.6	0.00	0.00	0.00
8,200.0	1.71	141.70	8,198.4	-84.4	66.7	-82.9	0.00	0.00	0.00
8,300.0	1.71	141.70	8,298.4	-86.8	68.5	-85.2	0.00	0.00	0.00
8,400.0	1.71	141.70	8,398.3	-89.1	70.4	-87.5	0.00	0.00	0.00
8,500.0	1.71	141.70	8,498.3	-91.4	72.2	-89.8	0.00	0.00	0.00
8,600.0	1.71	141.70	8,598.2	-93.8	74.1	-92.1	0.00	0.00	0.00
8,700.0	1.71	141.70	8,698.2	-96.1	75.9	-94.4	0.00	0.00	0.00
8,800.0	1.71	141.70	8,798.1	-98.5	77.7	-96.7	0.00	0.00	0.00
8,900.0	1.71	141.70	8,898.1	-100.8	79.6	-99.0	0.00	0.00	0.00
9,000.0	1.71	141.70	8,998.1	-103.1	81.4	-101.3	0.00	0.00	0.00
9,100.0	1.71	141.70	9,098.0	-105.5	83.3	-103.6	0.00	0.00	0.00
9,200.0	1.71	141.70	9,198.0	-107.8	85.1	-105.8	0.00	0.00	0.00
9,300.0	1.71	141.70	9,297.9	-110.1	87.0	-108.1	0.00	0.00	0.00
9,400.0	1.71	141.70	9,397.9	-112.5	88.8	-110.4	0.00	0.00	0.00
9,500.0	1.71	141.70	9,497.8	-114.8	90.7	-112.7	0.00	0.00	0.00
9,600.0	1.71	141.70	9,597.8	-117.1	92.5	-115.0	0.00	0.00	0.00
9,700.0	1.71	141.70	9,697.7	-119.5	94.4	-117.3	0.00	0.00	0.00
9,800.0	1.71	141.70	9,797.7	-121.8	96.2	-119.6	0.00	0.00	0.00
9,900.0	1.71	141.70	9,897.7	-124.1	98.0	-121.9	0.00	0.00	0.00
10,000.0	1.71	141.70	9,997.6	-126.5	99.9	-124.2	0.00	0.00	0.00
10,100.0	1.71	141.70	10,097.6	-128.8	101.7	-126.5	0.00	0.00	0.00
10,200.0	1.71	141.70	10,197.5	-131.2	103.6	-128.8	0.00	0.00	0.00
10,300.0	1.71	141.70	10,297.5	-133.5	105.4	-131.1	0.00	0.00	0.00
10,400.0	1.71	141.70	10,397.4	-135.8	107.3	-133.4	0.00	0.00	0.00
10,500.0	1.71	141.70	10,497.4	-138.2	109.1	-135.7	0.00	0.00	0.00
10,600.0	1.71	141.70	10,597.3	-140.5	111.0	-138.0	0.00	0.00	0.00

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Wellbore:	OH		
Design:	Plan #0.1		

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)
10,700.0	1.71	141.70	10,697.3	-142.8	112.8	-140.3	0.00	0.00	0.00
10,800.0	1.71	141.70	10,797.3	-145.2	114.6	-142.5	0.00	0.00	0.00
10,900.0	1.71	141.70	10,897.2	-147.5	116.5	-144.8	0.00	0.00	0.00
11,000.0	1.71	141.70	10,997.2	-149.8	118.3	-147.1	0.00	0.00	0.00
11,100.0	1.71	141.70	11,097.1	-152.2	120.2	-149.4	0.00	0.00	0.00
11,200.0	1.71	141.70	11,197.1	-154.5	122.0	-151.7	0.00	0.00	0.00
11,300.0	1.71	141.70	11,297.0	-156.8	123.9	-154.0	0.00	0.00	0.00
11,400.0	1.71	141.70	11,397.0	-159.2	125.7	-156.3	0.00	0.00	0.00
11,500.0	1.71	141.70	11,496.9	-161.5	127.6	-158.6	0.00	0.00	0.00
11,600.0	1.71	141.70	11,596.9	-163.9	129.4	-160.9	0.00	0.00	0.00
11,700.0	1.71	141.70	11,696.9	-166.2	131.2	-163.2	0.00	0.00	0.00
11,800.0	1.71	141.70	11,796.8	-168.5	133.1	-165.5	0.00	0.00	0.00
11,904.6	1.71	141.70	11,901.4	-171.0	135.0	-167.9	0.00	0.00	0.00
11,925.0	1.52	43.25	11,921.8	-171.0	135.4	-167.9	12.00	-0.92	-483.38
11,950.0	4.23	13.92	11,946.7	-169.9	135.8	-166.8	12.00	10.85	-117.33
11,975.0	7.17	7.95	11,971.6	-167.4	136.3	-164.3	12.00	11.78	-23.86
12,000.0	10.15	5.46	11,996.3	-163.7	136.7	-160.6	12.00	11.91	-9.97
12,025.0	13.14	4.09	12,020.8	-158.7	137.1	-155.5	12.00	11.95	-5.48
12,050.0	16.13	3.23	12,045.0	-152.4	137.5	-149.2	12.00	11.97	-3.47
12,075.0	19.13	2.62	12,068.8	-144.8	137.9	-141.7	12.00	11.98	-2.41
12,100.0	22.12	2.18	12,092.2	-136.0	138.3	-132.9	12.00	11.98	-1.78
12,125.0	25.12	1.84	12,115.1	-126.0	138.6	-122.8	12.00	11.99	-1.37
12,150.0	28.12	1.56	12,137.5	-114.8	138.9	-111.6	12.00	11.99	-1.10
12,175.0	31.11	1.34	12,159.2	-102.5	139.3	-99.3	12.00	11.99	-0.90
12,200.0	34.11	1.15	12,180.2	-89.0	139.5	-85.8	12.00	11.99	-0.76
12,225.0	37.11	0.98	12,200.6	-74.4	139.8	-71.3	12.00	11.99	-0.65
12,250.0	40.11	0.84	12,220.1	-58.8	140.1	-55.7	12.00	11.99	-0.56
12,275.0	43.11	0.72	12,238.8	-42.2	140.3	-39.1	12.00	12.00	-0.50
12,300.0	46.11	0.61	12,256.6	-24.7	140.5	-21.5	12.00	12.00	-0.45
12,325.0	49.11	0.51	12,273.4	-6.2	140.7	-3.0	12.00	12.00	-0.40
12,350.0	52.11	0.42	12,289.3	13.1	140.8	16.3	12.00	12.00	-0.37
12,375.0	55.10	0.33	12,304.1	33.2	141.0	36.4	12.00	12.00	-0.34
12,400.0	58.10	0.25	12,317.9	54.1	141.1	57.3	12.00	12.00	-0.32
12,425.0	61.10	0.18	12,330.5	75.6	141.1	78.8	12.00	12.00	-0.30
12,450.0	64.10	0.11	12,342.0	97.8	141.2	101.0	12.00	12.00	-0.28
12,475.0	67.10	0.04	12,352.4	120.6	141.2	123.8	12.00	12.00	-0.26
12,477.9	67.45	0.03	12,353.5	123.3	141.2	126.5	12.00	12.00	-0.26
FTP(Ophelia 27 #707H)									
12,500.0	70.10	359.98	12,361.5	143.9	141.2	147.0	12.00	12.00	-0.25
12,525.0	73.10	359.92	12,369.4	167.6	141.2	170.7	12.00	12.00	-0.24
12,550.0	76.10	359.86	12,376.0	191.7	141.2	194.8	12.00	12.00	-0.24
12,575.0	79.10	359.80	12,381.4	216.1	141.1	219.2	12.00	12.00	-0.23
12,600.0	82.10	359.75	12,385.5	240.8	141.0	243.9	12.00	12.00	-0.23
12,625.0	85.10	359.69	12,388.3	265.6	140.9	268.7	12.00	12.00	-0.22
12,650.0	88.10	359.63	12,389.7	290.6	140.7	293.7	12.00	12.00	-0.22
12,665.8	90.00	359.60	12,390.0	306.4	140.6	309.5	12.00	12.00	-0.22
12,700.0	90.00	359.60	12,390.0	340.6	140.4	343.6	0.00	0.00	0.00
12,800.0	90.00	359.60	12,390.0	440.6	139.7	443.6	0.00	0.00	0.00
12,900.0	90.00	359.60	12,390.0	540.6	139.0	543.6	0.00	0.00	0.00
13,000.0	90.00	359.60	12,390.0	640.6	138.3	643.5	0.00	0.00	0.00
13,100.0	90.00	359.60	12,390.0	740.6	137.6	743.5	0.00	0.00	0.00
13,200.0	90.00	359.60	12,390.0	840.5	136.9	843.4	0.00	0.00	0.00
13,300.0	90.00	359.60	12,390.0	940.5	136.2	943.4	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #707H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25 @ 3290.0usft (Precision 612)
Project:	Lea County, NM (NAD 27 NME)	**MD Reference:**	KB = 25 @ 3290.0usft (Precision 612)
Site:	Ophelia 27	**North Reference:**	Grid
Well:	#707H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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)
13,400.0	90.00	359.60	12,390.0	1,040.5	135.5	1,043.3	0.00	0.00	0.00
13,500.0	90.00	359.60	12,390.0	1,140.5	134.8	1,143.3	0.00	0.00	0.00
13,600.0	90.00	359.60	12,390.0	1,240.5	134.1	1,243.2	0.00	0.00	0.00
13,700.0	90.00	359.60	12,390.0	1,340.5	133.4	1,343.2	0.00	0.00	0.00
13,800.0	90.00	359.60	12,390.0	1,440.5	132.7	1,443.2	0.00	0.00	0.00
13,900.0	90.00	359.60	12,390.0	1,540.5	132.0	1,543.1	0.00	0.00	0.00
14,000.0	90.00	359.60	12,390.0	1,640.5	131.3	1,643.1	0.00	0.00	0.00
14,100.0	90.00	359.60	12,390.0	1,740.5	130.6	1,743.0	0.00	0.00	0.00
14,200.0	90.00	359.60	12,390.0	1,840.5	129.9	1,843.0	0.00	0.00	0.00
14,300.0	90.00	359.60	12,390.0	1,940.5	129.2	1,942.9	0.00	0.00	0.00
14,400.0	90.00	359.60	12,390.0	2,040.5	128.5	2,042.9	0.00	0.00	0.00
14,500.0	90.00	359.60	12,390.0	2,140.5	127.8	2,142.9	0.00	0.00	0.00
14,600.0	90.00	359.60	12,390.0	2,240.5	127.1	2,242.8	0.00	0.00	0.00
14,700.0	90.00	359.60	12,390.0	2,340.5	126.4	2,342.8	0.00	0.00	0.00
14,800.0	90.00	359.60	12,390.0	2,440.5	125.7	2,442.7	0.00	0.00	0.00
14,900.0	90.00	359.60	12,390.0	2,540.5	125.0	2,542.7	0.00	0.00	0.00
15,000.0	90.00	359.60	12,390.0	2,640.5	124.3	2,642.6	0.00	0.00	0.00
15,100.0	90.00	359.60	12,390.0	2,740.5	123.6	2,742.6	0.00	0.00	0.00
15,200.0	90.00	359.60	12,390.0	2,840.5	122.9	2,842.6	0.00	0.00	0.00
15,300.0	90.00	359.60	12,390.0	2,940.5	122.2	2,942.5	0.00	0.00	0.00
15,400.0	90.00	359.60	12,390.0	3,040.5	121.5	3,042.5	0.00	0.00	0.00
15,500.0	90.00	359.60	12,390.0	3,140.5	120.8	3,142.4	0.00	0.00	0.00
15,600.0	90.00	359.60	12,390.0	3,240.5	120.1	3,242.4	0.00	0.00	0.00
15,700.0	90.00	359.60	12,390.0	3,340.5	119.4	3,342.3	0.00	0.00	0.00
15,800.0	90.00	359.60	12,390.0	3,440.5	118.7	3,442.3	0.00	0.00	0.00
15,900.0	90.00	359.60	12,390.0	3,540.5	118.0	3,542.2	0.00	0.00	0.00
16,000.0	90.00	359.60	12,390.0	3,640.5	117.3	3,642.2	0.00	0.00	0.00
16,100.0	90.00	359.60	12,390.0	3,740.5	116.6	3,742.2	0.00	0.00	0.00
16,200.0	90.00	359.60	12,390.0	3,840.5	115.9	3,842.1	0.00	0.00	0.00
16,300.0	90.00	359.60	12,390.0	3,940.5	115.2	3,942.1	0.00	0.00	0.00
16,400.0	90.00	359.60	12,390.0	4,040.5	114.5	4,042.0	0.00	0.00	0.00
16,500.0	90.00	359.60	12,390.0	4,140.5	113.8	4,142.0	0.00	0.00	0.00
16,600.0	90.00	359.60	12,390.0	4,240.5	113.1	4,241.9	0.00	0.00	0.00
16,700.0	90.00	359.60	12,390.0	4,340.5	112.4	4,341.9	0.00	0.00	0.00
16,800.0	90.00	359.60	12,390.0	4,440.5	111.7	4,441.9	0.00	0.00	0.00
16,900.0	90.00	359.60	12,390.0	4,540.5	111.0	4,541.8	0.00	0.00	0.00
17,000.0	90.00	359.60	12,390.0	4,640.5	110.3	4,641.8	0.00	0.00	0.00
17,100.0	90.00	359.60	12,390.0	4,740.5	109.6	4,741.7	0.00	0.00	0.00
17,190.5	90.00	359.60	12,390.0	4,831.0	109.0	4,832.2	0.00	0.00	0.00
PBHL(Ophelia 27 #707H)									

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
FTP(Ophelia 27 #707H)	0.00	0.00	12,390.0	109.0	142.0	370,113.00	738,413.00	32° 0' 54.800 N	103° 33' 50.865 W
- plan misses target center by 39.2usft at 12477.9usft MD (12353.5 TVD, 123.3 N, 141.2 E)									
- Point									
PBHL(Ophelia 27 #707H	0.00	0.00	12,390.0	4,831.0	109.0	374,835.00	738,380.00	32° 1' 41.530 N	103° 33' 50.857 W
- plan hits target center									
- Point									

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Site:	Ophelia 27	**North Reference:**	Grid
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Wellbore:	OH		
Design:	Plan #0.1		