



HOBBS OCD

FEB 16 2016

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EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Orrtanna 20 Fed

#702H

OH

Plan: Plan #0.1

Standard Planning Report

18 November, 2015

FEB 17 2016



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 27 NME)
 Site: Orrtanna 20 Fed
 Well: #702H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
 TVD Reference: KB = 25 @ 3245.0usft (H&P 415)
 MD Reference: KB = 25 @ 3245.0usft (H&P 415)
 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	Orrtanna 20 Fed				
Site Position:		Northing:	372,591.00 usft	Latitude:	32° 1' 20.073 N
From:	Map	Easting:	727,501.00 usft	Longitude:	103° 35' 57.401 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.39 °

Well	#702H					
Well Position	+N/-S	1.0 usft	Northing:	372,592.00 usft	Latitude:	32° 1' 20.080 N
	+E/-W	45.0 usft	Easting:	727,546.00 usft	Longitude:	103° 35' 56.879 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,220.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/22/2016	7.07	59.89	47.926

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	359.51

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	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,093.0	0.93	180.87	1,093.0	-0.8	0.0	1.00	1.00	0.00	180.87	
11,699.1	0.93	180.87	11,697.7	-172.9	-2.6	0.00	0.00	0.00	0.00	
12,608.4	90.00	359.56	12,280.0	399.9	-7.2	10.00	9.80	19.65	178.69	
17,033.6	90.00	359.56	12,280.0	4,825.0	-41.0	0.00	0.00	0.00	0.00	0.00 PBHL(Orrt 20 Fed #7)



EOG Resources, Inc.
Planning Report

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Project: Lea County, NM (NAD 27 NME)
Site: Orrtanna 20 Fed
Well: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25 @ 3245.0usft (H&P 415)
MD Reference: KB = 25 @ 3245.0usft (H&P 415)
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
1,093.0	0.93	180.87	1,093.0	-0.8	0.0	-0.8	1.00	1.00	0.00
1,100.0	0.93	180.87	1,100.0	-0.9	0.0	-0.9	0.00	0.00	0.00
1,200.0	0.93	180.87	1,200.0	-2.5	0.0	-2.5	0.00	0.00	0.00
1,300.0	0.93	180.87	1,300.0	-4.1	-0.1	-4.1	0.00	0.00	0.00
1,400.0	0.93	180.87	1,400.0	-5.7	-0.1	-5.7	0.00	0.00	0.00
1,500.0	0.93	180.87	1,499.9	-7.4	-0.1	-7.4	0.00	0.00	0.00
1,600.0	0.93	180.87	1,599.9	-9.0	-0.1	-9.0	0.00	0.00	0.00
1,700.0	0.93	180.87	1,699.9	-10.6	-0.2	-10.6	0.00	0.00	0.00
1,800.0	0.93	180.87	1,799.9	-12.2	-0.2	-12.2	0.00	0.00	0.00
1,900.0	0.93	180.87	1,899.9	-13.9	-0.2	-13.9	0.00	0.00	0.00
2,000.0	0.93	180.87	1,999.9	-15.5	-0.2	-15.5	0.00	0.00	0.00
2,100.0	0.93	180.87	2,099.9	-17.1	-0.3	-17.1	0.00	0.00	0.00
2,200.0	0.93	180.87	2,199.8	-18.7	-0.3	-18.7	0.00	0.00	0.00
2,300.0	0.93	180.87	2,299.8	-20.3	-0.3	-20.3	0.00	0.00	0.00
2,400.0	0.93	180.87	2,399.8	-22.0	-0.3	-22.0	0.00	0.00	0.00
2,500.0	0.93	180.87	2,499.8	-23.6	-0.4	-23.6	0.00	0.00	0.00
2,600.0	0.93	180.87	2,599.8	-25.2	-0.4	-25.2	0.00	0.00	0.00
2,700.0	0.93	180.87	2,699.8	-26.8	-0.4	-26.8	0.00	0.00	0.00
2,800.0	0.93	180.87	2,799.8	-28.5	-0.4	-28.5	0.00	0.00	0.00
2,900.0	0.93	180.87	2,899.8	-30.1	-0.5	-30.1	0.00	0.00	0.00
3,000.0	0.93	180.87	2,999.7	-31.7	-0.5	-31.7	0.00	0.00	0.00
3,100.0	0.93	180.87	3,099.7	-33.3	-0.5	-33.3	0.00	0.00	0.00
3,200.0	0.93	180.87	3,199.7	-35.0	-0.5	-35.0	0.00	0.00	0.00
3,300.0	0.93	180.87	3,299.7	-36.6	-0.6	-36.6	0.00	0.00	0.00
3,400.0	0.93	180.87	3,399.7	-38.2	-0.6	-38.2	0.00	0.00	0.00
3,500.0	0.93	180.87	3,499.7	-39.8	-0.6	-39.8	0.00	0.00	0.00
3,600.0	0.93	180.87	3,599.7	-41.5	-0.6	-41.4	0.00	0.00	0.00
3,700.0	0.93	180.87	3,699.7	-43.1	-0.7	-43.1	0.00	0.00	0.00
3,800.0	0.93	180.87	3,799.6	-44.7	-0.7	-44.7	0.00	0.00	0.00
3,900.0	0.93	180.87	3,899.6	-46.3	-0.7	-46.3	0.00	0.00	0.00
4,000.0	0.93	180.87	3,999.6	-47.9	-0.7	-47.9	0.00	0.00	0.00
4,100.0	0.93	180.87	4,099.6	-49.6	-0.8	-49.6	0.00	0.00	0.00
4,200.0	0.93	180.87	4,199.6	-51.2	-0.8	-51.2	0.00	0.00	0.00
4,300.0	0.93	180.87	4,299.6	-52.8	-0.8	-52.8	0.00	0.00	0.00
4,400.0	0.93	180.87	4,399.6	-54.4	-0.8	-54.4	0.00	0.00	0.00
4,500.0	0.93	180.87	4,499.5	-56.1	-0.9	-56.1	0.00	0.00	0.00
4,600.0	0.93	180.87	4,599.5	-57.7	-0.9	-57.7	0.00	0.00	0.00
4,700.0	0.93	180.87	4,699.5	-59.3	-0.9	-59.3	0.00	0.00	0.00
4,800.0	0.93	180.87	4,799.5	-60.9	-0.9	-60.9	0.00	0.00	0.00
4,900.0	0.93	180.87	4,899.5	-62.6	-0.9	-62.5	0.00	0.00	0.00
5,000.0	0.93	180.87	4,999.5	-64.2	-1.0	-64.2	0.00	0.00	0.00
5,100.0	0.93	180.87	5,099.5	-65.8	-1.0	-65.8	0.00	0.00	0.00
5,200.0	0.93	180.87	5,199.5	-67.4	-1.0	-67.4	0.00	0.00	0.00



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North Reference: Grid
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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	0.93	180.87	5,299.4	-69.0	-1.0	-69.0	0.00	0.00	0.00
5,400.0	0.93	180.87	5,399.4	-70.7	-1.1	-70.7	0.00	0.00	0.00
5,500.0	0.93	180.87	5,499.4	-72.3	-1.1	-72.3	0.00	0.00	0.00
5,600.0	0.93	180.87	5,599.4	-73.9	-1.1	-73.9	0.00	0.00	0.00
5,700.0	0.93	180.87	5,699.4	-75.5	-1.1	-75.5	0.00	0.00	0.00
5,800.0	0.93	180.87	5,799.4	-77.2	-1.2	-77.2	0.00	0.00	0.00
5,900.0	0.93	180.87	5,899.4	-78.8	-1.2	-78.8	0.00	0.00	0.00
6,000.0	0.93	180.87	5,999.3	-80.4	-1.2	-80.4	0.00	0.00	0.00
6,100.0	0.93	180.87	6,099.3	-82.0	-1.2	-82.0	0.00	0.00	0.00
6,200.0	0.93	180.87	6,199.3	-83.7	-1.3	-83.6	0.00	0.00	0.00
6,300.0	0.93	180.87	6,299.3	-85.3	-1.3	-85.3	0.00	0.00	0.00
6,400.0	0.93	180.87	6,399.3	-86.9	-1.3	-86.9	0.00	0.00	0.00
6,500.0	0.93	180.87	6,499.3	-88.5	-1.3	-88.5	0.00	0.00	0.00
6,600.0	0.93	180.87	6,599.3	-90.1	-1.4	-90.1	0.00	0.00	0.00
6,700.0	0.93	180.87	6,699.3	-91.8	-1.4	-91.8	0.00	0.00	0.00
6,800.0	0.93	180.87	6,799.2	-93.4	-1.4	-93.4	0.00	0.00	0.00
6,900.0	0.93	180.87	6,899.2	-95.0	-1.4	-95.0	0.00	0.00	0.00
7,000.0	0.93	180.87	6,999.2	-96.6	-1.5	-96.6	0.00	0.00	0.00
7,100.0	0.93	180.87	7,099.2	-98.3	-1.5	-98.2	0.00	0.00	0.00
7,200.0	0.93	180.87	7,199.2	-99.9	-1.5	-99.9	0.00	0.00	0.00
7,300.0	0.93	180.87	7,299.2	-101.5	-1.5	-101.5	0.00	0.00	0.00
7,400.0	0.93	180.87	7,399.2	-103.1	-1.6	-103.1	0.00	0.00	0.00
7,500.0	0.93	180.87	7,499.2	-104.8	-1.6	-104.7	0.00	0.00	0.00
7,600.0	0.93	180.87	7,599.1	-106.4	-1.6	-106.4	0.00	0.00	0.00
7,700.0	0.93	180.87	7,699.1	-108.0	-1.6	-108.0	0.00	0.00	0.00
7,800.0	0.93	180.87	7,799.1	-109.6	-1.7	-109.6	0.00	0.00	0.00
7,900.0	0.93	180.87	7,899.1	-111.3	-1.7	-111.2	0.00	0.00	0.00
8,000.0	0.93	180.87	7,999.1	-112.9	-1.7	-112.9	0.00	0.00	0.00
8,100.0	0.93	180.87	8,099.1	-114.5	-1.7	-114.5	0.00	0.00	0.00
8,200.0	0.93	180.87	8,199.1	-116.1	-1.8	-116.1	0.00	0.00	0.00
8,300.0	0.93	180.87	8,299.0	-117.7	-1.8	-117.7	0.00	0.00	0.00
8,400.0	0.93	180.87	8,399.0	-119.4	-1.8	-119.3	0.00	0.00	0.00
8,500.0	0.93	180.87	8,499.0	-121.0	-1.8	-121.0	0.00	0.00	0.00
8,600.0	0.93	180.87	8,599.0	-122.6	-1.9	-122.6	0.00	0.00	0.00
8,700.0	0.93	180.87	8,699.0	-124.2	-1.9	-124.2	0.00	0.00	0.00
8,800.0	0.93	180.87	8,799.0	-125.9	-1.9	-125.8	0.00	0.00	0.00
8,900.0	0.93	180.87	8,899.0	-127.5	-1.9	-127.5	0.00	0.00	0.00
9,000.0	0.93	180.87	8,999.0	-129.1	-2.0	-129.1	0.00	0.00	0.00
9,100.0	0.93	180.87	9,098.9	-130.7	-2.0	-130.7	0.00	0.00	0.00
9,200.0	0.93	180.87	9,198.9	-132.4	-2.0	-132.3	0.00	0.00	0.00
9,300.0	0.93	180.87	9,298.9	-134.0	-2.0	-134.0	0.00	0.00	0.00
9,400.0	0.93	180.87	9,398.9	-135.6	-2.1	-135.6	0.00	0.00	0.00
9,500.0	0.93	180.87	9,498.9	-137.2	-2.1	-137.2	0.00	0.00	0.00
9,600.0	0.93	180.87	9,598.9	-138.8	-2.1	-138.8	0.00	0.00	0.00
9,700.0	0.93	180.87	9,698.9	-140.5	-2.1	-140.4	0.00	0.00	0.00
9,800.0	0.93	180.87	9,798.8	-142.1	-2.2	-142.1	0.00	0.00	0.00
9,900.0	0.93	180.87	9,898.8	-143.7	-2.2	-143.7	0.00	0.00	0.00
10,000.0	0.93	180.87	9,998.8	-145.3	-2.2	-145.3	0.00	0.00	0.00
10,100.0	0.93	180.87	10,098.8	-147.0	-2.2	-146.9	0.00	0.00	0.00
10,200.0	0.93	180.87	10,198.8	-148.6	-2.3	-148.6	0.00	0.00	0.00
10,300.0	0.93	180.87	10,298.8	-150.2	-2.3	-150.2	0.00	0.00	0.00
10,400.0	0.93	180.87	10,398.8	-151.8	-2.3	-151.8	0.00	0.00	0.00
10,500.0	0.93	180.87	10,498.8	-153.5	-2.3	-153.4	0.00	0.00	0.00
10,600.0	0.93	180.87	10,598.7	-155.1	-2.4	-155.1	0.00	0.00	0.00



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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	0.93	180.87	10,698.7	-156.7	-2.4	-156.7	0.00	0.00	0.00
10,800.0	0.93	180.87	10,798.7	-158.3	-2.4	-158.3	0.00	0.00	0.00
10,900.0	0.93	180.87	10,898.7	-160.0	-2.4	-159.9	0.00	0.00	0.00
11,000.0	0.93	180.87	10,998.7	-161.6	-2.5	-161.5	0.00	0.00	0.00
11,100.0	0.93	180.87	11,098.7	-163.2	-2.5	-163.2	0.00	0.00	0.00
11,200.0	0.93	180.87	11,198.7	-164.8	-2.5	-164.8	0.00	0.00	0.00
11,300.0	0.93	180.87	11,298.7	-166.4	-2.5	-166.4	0.00	0.00	0.00
11,400.0	0.93	180.87	11,398.6	-168.1	-2.6	-168.0	0.00	0.00	0.00
11,500.0	0.93	180.87	11,498.6	-169.7	-2.6	-169.7	0.00	0.00	0.00
11,600.0	0.93	180.87	11,598.6	-171.3	-2.6	-171.3	0.00	0.00	0.00
11,699.1	0.93	180.87	11,697.7	-172.9	-2.6	-172.9	0.00	0.00	0.00
11,750.0	4.16	359.27	11,748.6	-171.5	-2.7	-171.5	10.00	6.34	350.80
11,800.0	9.16	359.43	11,798.2	-165.7	-2.7	-165.7	10.00	10.00	0.32
11,850.0	14.16	359.48	11,847.2	-155.6	-2.8	-155.6	10.00	10.00	0.10
11,900.0	19.16	359.50	11,895.0	-141.3	-2.9	-141.2	10.00	10.00	0.05
11,950.0	24.16	359.52	11,941.5	-122.8	-3.1	-122.8	10.00	10.00	0.03
12,000.0	29.16	359.52	11,986.2	-100.4	-3.3	-100.4	10.00	10.00	0.02
12,050.0	34.16	359.53	12,028.7	-74.2	-3.5	-74.1	10.00	10.00	0.01
12,100.0	39.16	359.54	12,068.8	-44.3	-3.7	-44.3	10.00	10.00	0.01
12,150.0	44.16	359.54	12,106.2	-11.1	-4.0	-11.1	10.00	10.00	0.01
12,200.0	49.16	359.54	12,140.5	25.2	-4.3	25.3	10.00	10.00	0.01
12,250.0	54.16	359.55	12,171.5	64.4	-4.6	64.5	10.00	10.00	0.01
12,300.0	59.16	359.55	12,199.0	106.2	-4.9	106.2	10.00	10.00	0.01
12,341.8	63.34	359.55	12,219.1	142.9	-5.2	142.9	10.00	10.00	0.00
FTP(Ort 20 Fed #702H)									
12,350.0	64.16	359.55	12,222.7	150.2	-5.3	150.2	10.00	10.00	0.00
12,400.0	69.16	359.55	12,242.5	196.1	-5.6	196.1	10.00	10.00	0.00
12,450.0	74.16	359.56	12,258.2	243.5	-6.0	243.6	10.00	10.00	0.00
12,500.0	79.16	359.56	12,269.8	292.1	-6.4	292.2	10.00	10.00	0.00
12,550.0	84.16	359.56	12,277.0	341.6	-6.8	341.6	10.00	10.00	0.00
12,600.0	89.16	359.56	12,279.9	391.5	-7.1	391.5	10.00	10.00	0.00
12,608.4	90.00	359.56	12,280.0	399.9	-7.2	400.0	10.00	10.00	0.00
12,700.0	90.00	359.56	12,280.0	491.5	-7.9	491.5	0.00	0.00	0.00
12,800.0	90.00	359.56	12,280.0	591.5	-8.7	591.5	0.00	0.00	0.00
12,900.0	90.00	359.56	12,280.0	691.5	-9.4	691.5	0.00	0.00	0.00
13,000.0	90.00	359.56	12,280.0	791.5	-10.2	791.5	0.00	0.00	0.00
13,100.0	90.00	359.56	12,280.0	891.5	-11.0	891.5	0.00	0.00	0.00
13,200.0	90.00	359.56	12,280.0	991.5	-11.7	991.5	0.00	0.00	0.00
13,300.0	90.00	359.56	12,280.0	1,091.5	-12.5	1,091.5	0.00	0.00	0.00
13,400.0	90.00	359.56	12,280.0	1,191.5	-13.3	1,191.5	0.00	0.00	0.00
13,500.0	90.00	359.56	12,280.0	1,291.5	-14.0	1,291.5	0.00	0.00	0.00
13,600.0	90.00	359.56	12,280.0	1,391.5	-14.8	1,391.5	0.00	0.00	0.00
13,700.0	90.00	359.56	12,280.0	1,491.5	-15.5	1,491.5	0.00	0.00	0.00
13,800.0	90.00	359.56	12,280.0	1,591.5	-16.3	1,591.5	0.00	0.00	0.00
13,900.0	90.00	359.56	12,280.0	1,691.5	-17.1	1,691.5	0.00	0.00	0.00
14,000.0	90.00	359.56	12,280.0	1,791.5	-17.8	1,791.5	0.00	0.00	0.00
14,100.0	90.00	359.56	12,280.0	1,891.5	-18.6	1,891.5	0.00	0.00	0.00
14,200.0	90.00	359.56	12,280.0	1,991.4	-19.4	1,991.5	0.00	0.00	0.00
14,300.0	90.00	359.56	12,280.0	2,091.4	-20.1	2,091.5	0.00	0.00	0.00
14,400.0	90.00	359.56	12,280.0	2,191.4	-20.9	2,191.5	0.00	0.00	0.00
14,500.0	90.00	359.56	12,280.0	2,291.4	-21.7	2,291.5	0.00	0.00	0.00
14,600.0	90.00	359.56	12,280.0	2,391.4	-22.4	2,391.5	0.00	0.00	0.00
14,700.0	90.00	359.56	12,280.0	2,491.4	-23.2	2,491.5	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: Orrtanna 20 Fed
Well: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25 @ 3245.0usft (H&P 415)
MD Reference: KB = 25 @ 3245.0usft (H&P 415)
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)
14,800.0	90.00	359.56	12,280.0	2,591.4	-23.9	2,591.5	0.00	0.00	0.00
14,900.0	90.00	359.56	12,280.0	2,691.4	-24.7	2,691.5	0.00	0.00	0.00
15,000.0	90.00	359.56	12,280.0	2,791.4	-25.5	2,791.5	0.00	0.00	0.00
15,100.0	90.00	359.56	12,280.0	2,891.4	-26.2	2,891.5	0.00	0.00	0.00
15,200.0	90.00	359.56	12,280.0	2,991.4	-27.0	2,991.5	0.00	0.00	0.00
15,300.0	90.00	359.56	12,280.0	3,091.4	-27.8	3,091.5	0.00	0.00	0.00
15,400.0	90.00	359.56	12,280.0	3,191.4	-28.5	3,191.5	0.00	0.00	0.00
15,500.0	90.00	359.56	12,280.0	3,291.4	-29.3	3,291.5	0.00	0.00	0.00
15,600.0	90.00	359.56	12,280.0	3,391.4	-30.1	3,391.5	0.00	0.00	0.00
15,700.0	90.00	359.56	12,280.0	3,491.4	-30.8	3,491.5	0.00	0.00	0.00
15,800.0	90.00	359.56	12,280.0	3,591.4	-31.6	3,591.5	0.00	0.00	0.00
15,900.0	90.00	359.56	12,280.0	3,691.4	-32.3	3,691.5	0.00	0.00	0.00
16,000.0	90.00	359.56	12,280.0	3,791.4	-33.1	3,791.5	0.00	0.00	0.00
16,100.0	90.00	359.56	12,280.0	3,891.4	-33.9	3,891.5	0.00	0.00	0.00
16,200.0	90.00	359.56	12,280.0	3,991.4	-34.6	3,991.5	0.00	0.00	0.00
16,300.0	90.00	359.56	12,280.0	4,091.4	-35.4	4,091.5	0.00	0.00	0.00
16,400.0	90.00	359.56	12,280.0	4,191.4	-36.2	4,191.5	0.00	0.00	0.00
16,500.0	90.00	359.56	12,280.0	4,291.4	-36.9	4,291.5	0.00	0.00	0.00
16,600.0	90.00	359.56	12,280.0	4,391.4	-37.7	4,391.5	0.00	0.00	0.00
16,700.0	90.00	359.56	12,280.0	4,491.4	-38.5	4,491.5	0.00	0.00	0.00
16,800.0	90.00	359.56	12,280.0	4,591.4	-39.2	4,591.5	0.00	0.00	0.00
16,900.0	90.00	359.56	12,280.0	4,691.4	-40.0	4,691.5	0.00	0.00	0.00
17,000.0	90.00	359.56	12,280.0	4,791.4	-40.7	4,791.5	0.00	0.00	0.00
17,033.6	90.00	359.56	12,280.0	4,825.0	-41.0	4,825.2	0.00	0.00	0.00

PBHL(Orrt 20 Fed #702H)

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(Orrt 20 Fed #702H) - plan misses target center by 69.2usft at 12341.8usft MD (12219.1 TVD, 142.9 N, -5.2 E) - Point	0.00	0.00	12,280.0	110.0	-5.0	372,702.00	727,541.00	32° 1' 21.169 N	103° 35' 56.928 W
PBHL(Orrt 20 Fed #702I) - plan hits target center - Point	0.00	0.00	12,280.0	4,825.0	-41.0	377,417.00	727,505.00	32° 2' 7.830 N	103° 35' 56.974 W