



EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Gem 36 State Com

#704H

OH

Plan: Plan #0.1

Standard Planning Report

26 October, 2015

30-025-42892

DEC 04 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: Gem 36 State Com
 Well: #704H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
 TVD Reference: KB = 25 @ 3450.0usft (H&P 415)
 MD Reference: KB = 25 @ 3450.0usft (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	Gem 36 State Com				
Site Position:		Northing:	393,654.00 usft	Latitude:	32° 4' 48.974 N
From:	Map	Easting:	720,486.00 usft	Longitude:	103° 37' 17.267 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.38 °

Well	#704H					
Well Position	+N/-S	4,308.0 usft	Northing:	397,962.00 usft	Latitude:	32° 5' 31.643 N
	+E/-W	-575.0 usft	Easting:	719,911.00 usft	Longitude:	103° 37' 23.621 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,425.0 usft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/18/2016	7.07	59.94	47,948

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	185.87	

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	
5,183.2	6.83	327.04	5,181.5	34.1	-22.1	1.00	1.00	0.00	327.04	
11,804.3	6.83	327.04	11,755.7	695.0	-450.6	0.00	0.00	0.00	0.00	
12,602.3	90.00	179.53	12,280.0	219.6	-480.4	12.00	10.42	-18.49	-147.33	
17,129.1	90.00	179.53	12,280.0	-4,307.0	-443.0	0.00	0.00	0.00	0.00	PBHL(Gem 36 ST Co



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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)
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	327.04	4,600.0	0.7	-0.5	-0.7	1.00	1.00	0.00
4,700.0	2.00	327.04	4,700.0	2.9	-1.9	-2.7	1.00	1.00	0.00
4,800.0	3.00	327.04	4,799.9	6.6	-4.3	-6.1	1.00	1.00	0.00
4,900.0	4.00	327.04	4,899.7	11.7	-7.6	-10.9	1.00	1.00	0.00
5,000.0	5.00	327.04	4,999.4	18.3	-11.9	-17.0	1.00	1.00	0.00
5,100.0	6.00	327.04	5,098.9	26.3	-17.1	-24.5	1.00	1.00	0.00
5,183.2	6.83	327.04	5,181.5	34.1	-22.1	-31.7	1.00	1.00	0.00
5,200.0	6.83	327.04	5,198.3	35.8	-23.2	-33.2	0.00	0.00	0.00



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5,300.0	6.83	327.04	5,297.6	45.8	-29.7	-42.5	0.00	0.00	0.00
5,400.0	6.83	327.04	5,396.8	55.8	-36.2	-51.8	0.00	0.00	0.00
5,500.0	6.83	327.04	5,496.1	65.8	-42.6	-61.0	0.00	0.00	0.00
5,600.0	6.83	327.04	5,595.4	75.7	-49.1	-70.3	0.00	0.00	0.00
5,700.0	6.83	327.04	5,694.7	85.7	-55.6	-79.6	0.00	0.00	0.00
5,800.0	6.83	327.04	5,794.0	95.7	-62.1	-88.8	0.00	0.00	0.00
5,900.0	6.83	327.04	5,893.3	105.7	-68.5	-98.1	0.00	0.00	0.00
6,000.0	6.83	327.04	5,992.6	115.7	-75.0	-107.4	0.00	0.00	0.00
6,100.0	6.83	327.04	6,091.9	125.6	-81.5	-116.6	0.00	0.00	0.00
6,200.0	6.83	327.04	6,191.2	135.6	-87.9	-125.9	0.00	0.00	0.00
6,300.0	6.83	327.04	6,290.5	145.6	-94.4	-135.2	0.00	0.00	0.00
6,400.0	6.83	327.04	6,389.7	155.6	-100.9	-144.4	0.00	0.00	0.00
6,500.0	6.83	327.04	6,489.0	165.6	-107.4	-153.7	0.00	0.00	0.00
6,600.0	6.83	327.04	6,588.3	175.5	-113.8	-163.0	0.00	0.00	0.00
6,700.0	6.83	327.04	6,687.6	185.5	-120.3	-172.2	0.00	0.00	0.00
6,800.0	6.83	327.04	6,786.9	195.5	-126.8	-181.5	0.00	0.00	0.00
6,900.0	6.83	327.04	6,886.2	205.5	-133.2	-190.8	0.00	0.00	0.00
7,000.0	6.83	327.04	6,985.5	215.5	-139.7	-200.0	0.00	0.00	0.00
7,100.0	6.83	327.04	7,084.8	225.4	-146.2	-209.3	0.00	0.00	0.00
7,200.0	6.83	327.04	7,184.1	235.4	-152.7	-218.6	0.00	0.00	0.00
7,300.0	6.83	327.04	7,283.4	245.4	-159.1	-227.8	0.00	0.00	0.00
7,400.0	6.83	327.04	7,382.6	255.4	-165.6	-237.1	0.00	0.00	0.00
7,500.0	6.83	327.04	7,481.9	265.4	-172.1	-246.4	0.00	0.00	0.00
7,600.0	6.83	327.04	7,581.2	275.3	-178.5	-255.6	0.00	0.00	0.00
7,700.0	6.83	327.04	7,680.5	285.3	-185.0	-264.9	0.00	0.00	0.00
7,800.0	6.83	327.04	7,779.8	295.3	-191.5	-274.2	0.00	0.00	0.00
7,900.0	6.83	327.04	7,879.1	305.3	-198.0	-283.4	0.00	0.00	0.00
8,000.0	6.83	327.04	7,978.4	315.3	-204.4	-292.7	0.00	0.00	0.00
8,100.0	6.83	327.04	8,077.7	325.2	-210.9	-302.0	0.00	0.00	0.00
8,200.0	6.83	327.04	8,177.0	335.2	-217.4	-311.2	0.00	0.00	0.00
8,300.0	6.83	327.04	8,276.3	345.2	-223.8	-320.5	0.00	0.00	0.00
8,400.0	6.83	327.04	8,375.5	355.2	-230.3	-329.8	0.00	0.00	0.00
8,500.0	6.83	327.04	8,474.8	365.2	-236.8	-339.0	0.00	0.00	0.00
8,600.0	6.83	327.04	8,574.1	375.2	-243.3	-348.3	0.00	0.00	0.00
8,700.0	6.83	327.04	8,673.4	385.1	-249.7	-357.6	0.00	0.00	0.00
8,800.0	6.83	327.04	8,772.7	395.1	-256.2	-366.8	0.00	0.00	0.00
8,900.0	6.83	327.04	8,872.0	405.1	-262.7	-376.1	0.00	0.00	0.00
9,000.0	6.83	327.04	8,971.3	415.1	-269.1	-385.4	0.00	0.00	0.00
9,100.0	6.83	327.04	9,070.6	425.1	-275.6	-394.6	0.00	0.00	0.00
9,200.0	6.83	327.04	9,169.9	435.0	-282.1	-403.9	0.00	0.00	0.00
9,300.0	6.83	327.04	9,269.2	445.0	-288.6	-413.2	0.00	0.00	0.00
9,400.0	6.83	327.04	9,368.4	455.0	-295.0	-422.4	0.00	0.00	0.00
9,500.0	6.83	327.04	9,467.7	465.0	-301.5	-431.7	0.00	0.00	0.00
9,600.0	6.83	327.04	9,567.0	475.0	-308.0	-441.0	0.00	0.00	0.00
9,700.0	6.83	327.04	9,666.3	484.9	-314.4	-450.2	0.00	0.00	0.00
9,800.0	6.83	327.04	9,765.6	494.9	-320.9	-459.5	0.00	0.00	0.00
9,900.0	6.83	327.04	9,864.9	504.9	-327.4	-468.8	0.00	0.00	0.00
10,000.0	6.83	327.04	9,964.2	514.9	-333.9	-478.0	0.00	0.00	0.00
10,100.0	6.83	327.04	10,063.5	524.9	-340.3	-487.3	0.00	0.00	0.00
10,200.0	6.83	327.04	10,162.8	534.8	-346.8	-496.6	0.00	0.00	0.00
10,300.0	6.83	327.04	10,262.1	544.8	-353.3	-505.8	0.00	0.00	0.00
10,400.0	6.83	327.04	10,361.3	554.8	-359.7	-515.1	0.00	0.00	0.00
10,500.0	6.83	327.04	10,460.6	564.8	-366.2	-524.3	0.00	0.00	0.00
10,600.0	6.83	327.04	10,559.9	574.8	-372.7	-533.6	0.00	0.00	0.00



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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	6.83	327.04	10,659.2	584.7	-379.2	-542.9	0.00	0.00	0.00
10,800.0	6.83	327.04	10,758.5	594.7	-385.6	-552.1	0.00	0.00	0.00
10,900.0	6.83	327.04	10,857.8	604.7	-392.1	-561.4	0.00	0.00	0.00
11,000.0	6.83	327.04	10,957.1	614.7	-398.6	-570.7	0.00	0.00	0.00
11,100.0	6.83	327.04	11,056.4	624.7	-405.0	-579.9	0.00	0.00	0.00
11,200.0	6.83	327.04	11,155.7	634.6	-411.5	-589.2	0.00	0.00	0.00
11,300.0	6.83	327.04	11,255.0	644.6	-418.0	-598.5	0.00	0.00	0.00
11,400.0	6.83	327.04	11,354.2	654.6	-424.5	-607.7	0.00	0.00	0.00
11,500.0	6.83	327.04	11,453.5	664.6	-430.9	-617.0	0.00	0.00	0.00
11,600.0	6.83	327.04	11,552.8	674.6	-437.4	-626.3	0.00	0.00	0.00
11,700.0	6.83	327.04	11,652.1	684.5	-443.9	-635.5	0.00	0.00	0.00
11,804.3	6.83	327.04	11,755.7	695.0	-450.6	-645.2	0.00	0.00	0.00
11,825.0	4.93	311.27	11,776.3	696.8	-452.0	-646.7	12.00	-9.21	-76.33
11,850.0	3.69	273.87	11,801.2	697.3	-453.6	-647.3	12.00	-4.95	-149.61
11,875.0	4.58	233.02	11,826.1	696.8	-455.2	-646.6	12.00	3.54	-163.38
11,900.0	6.80	212.19	11,851.0	694.9	-456.8	-644.6	12.00	8.89	-83.35
11,925.0	9.46	202.24	11,875.8	691.8	-458.3	-641.3	12.00	10.64	-39.78
11,950.0	12.28	198.72	11,900.3	687.3	-459.9	-636.7	12.00	11.27	-22.07
11,975.0	15.16	193.26	11,924.6	681.6	-461.4	-630.8	12.00	11.55	-13.85
12,000.0	18.09	190.89	11,948.6	674.6	-462.9	-623.7	12.00	11.69	-8.49
12,025.0	21.03	189.16	11,972.1	666.4	-464.3	-615.4	12.00	11.78	-6.91
12,050.0	23.99	187.84	11,995.2	656.9	-465.7	-605.8	12.00	11.83	-5.28
12,075.0	26.95	186.80	12,017.8	646.2	-467.1	-595.1	12.00	11.87	-4.18
12,100.0	29.93	185.94	12,039.7	634.4	-468.4	-583.2	12.00	11.89	-3.41
12,125.0	32.90	185.23	12,061.1	621.4	-469.7	-570.1	12.00	11.91	-2.84
12,150.0	35.88	184.63	12,081.7	607.4	-470.9	-556.0	12.00	11.92	-2.42
12,175.0	38.87	184.11	12,101.6	592.2	-472.0	-540.8	12.00	11.93	-2.09
12,200.0	41.85	183.65	12,120.8	578.1	-473.1	-524.7	12.00	11.94	-1.84
12,225.0	44.84	183.24	12,138.8	559.0	-474.2	-507.5	12.00	11.95	-1.64
12,250.0	47.83	182.87	12,156.1	540.9	-475.1	-489.5	12.00	11.95	-1.47
12,275.0	50.82	182.53	12,172.3	522.0	-476.0	-470.5	12.00	11.96	-1.34
12,300.0	53.81	182.22	12,187.6	502.2	-476.8	-450.8	12.00	11.96	-1.23
12,325.0	56.80	181.94	12,201.9	481.7	-477.6	-430.3	12.00	11.96	-1.14
12,350.0	59.79	181.67	12,215.0	460.4	-478.2	-409.1	12.00	11.97	-1.07
12,375.0	62.78	181.42	12,227.0	438.5	-478.8	-387.2	12.00	11.97	-1.00
12,400.0	65.77	181.19	12,237.9	416.0	-479.3	-364.8	12.00	11.97	-0.95
12,422.8	68.50	180.98	12,246.7	395.0	-479.7	-343.8	12.00	11.97	-0.91
FTP(Gem 36 ST Com #704H)									
12,425.0	68.77	180.96	12,247.5	392.9	-479.8	-341.8	12.00	11.97	-0.89
12,450.0	71.76	180.74	12,256.0	369.4	-480.1	-318.3	12.00	11.97	-0.87
12,475.0	74.75	180.53	12,263.2	345.5	-480.4	-294.5	12.00	11.97	-0.84
12,500.0	77.75	180.33	12,269.1	321.2	-480.6	-270.3	12.00	11.97	-0.82
12,525.0	80.74	180.13	12,273.8	296.6	-480.7	-245.9	12.00	11.97	-0.80
12,550.0	83.73	179.93	12,277.1	271.9	-480.7	-221.3	12.00	11.97	-0.79
12,575.0	86.73	179.74	12,279.2	247.0	-480.6	-196.5	12.00	11.98	-0.78
12,602.3	90.00	179.53	12,280.0	219.6	-480.4	-169.3	12.00	11.98	-0.77
12,700.0	90.00	179.53	12,280.0	122.0	-479.6	-72.3	0.00	0.00	0.00
12,800.0	90.00	179.53	12,280.0	22.0	-478.8	27.1	0.00	0.00	0.00
12,900.0	90.00	179.53	12,280.0	-78.0	-478.0	126.5	0.00	0.00	0.00
13,000.0	90.00	179.53	12,280.0	-178.0	-477.1	225.9	0.00	0.00	0.00
13,100.0	90.00	179.53	12,280.0	-278.0	-476.3	325.3	0.00	0.00	0.00
13,200.0	90.00	179.53	12,280.0	-378.0	-475.5	424.7	0.00	0.00	0.00
13,300.0	90.00	179.53	12,280.0	-478.0	-474.7	524.1	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: Gem 36 State Com
Well: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25 @ 3450.0usft (H&P 415)
MD Reference: KB = 25 @ 3450.0usft (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)
13,400.0	90.00	179.53	12,280.0	-578.0	-473.8	623.4	0.00	0.00	0.00
13,500.0	90.00	179.53	12,280.0	-678.0	-473.0	722.8	0.00	0.00	0.00
13,600.0	90.00	179.53	12,280.0	-778.0	-472.2	822.2	0.00	0.00	0.00
13,700.0	90.00	179.53	12,280.0	-878.0	-471.4	921.6	0.00	0.00	0.00
13,800.0	90.00	179.53	12,280.0	-978.0	-470.5	1,021.0	0.00	0.00	0.00
13,900.0	90.00	179.53	12,280.0	-1,078.0	-469.7	1,120.4	0.00	0.00	0.00
14,000.0	90.00	179.53	12,280.0	-1,178.0	-468.9	1,219.8	0.00	0.00	0.00
14,100.0	90.00	179.53	12,280.0	-1,278.0	-468.0	1,319.2	0.00	0.00	0.00
14,200.0	90.00	179.53	12,280.0	-1,378.0	-467.2	1,418.5	0.00	0.00	0.00
14,300.0	90.00	179.53	12,280.0	-1,478.0	-466.4	1,517.9	0.00	0.00	0.00
14,400.0	90.00	179.53	12,280.0	-1,578.0	-465.6	1,617.3	0.00	0.00	0.00
14,500.0	90.00	179.53	12,280.0	-1,678.0	-464.7	1,716.7	0.00	0.00	0.00
14,600.0	90.00	179.53	12,280.0	-1,778.0	-463.9	1,816.1	0.00	0.00	0.00
14,700.0	90.00	179.53	12,280.0	-1,878.0	-463.1	1,915.5	0.00	0.00	0.00
14,800.0	90.00	179.53	12,280.0	-1,978.0	-462.3	2,014.9	0.00	0.00	0.00
14,900.0	90.00	179.53	12,280.0	-2,077.9	-461.4	2,114.3	0.00	0.00	0.00
15,000.0	90.00	179.53	12,280.0	-2,177.9	-460.6	2,213.6	0.00	0.00	0.00
15,100.0	90.00	179.53	12,280.0	-2,277.9	-459.8	2,313.0	0.00	0.00	0.00
15,200.0	90.00	179.53	12,280.0	-2,377.9	-459.0	2,412.4	0.00	0.00	0.00
15,300.0	90.00	179.53	12,280.0	-2,477.9	-458.1	2,511.8	0.00	0.00	0.00
15,400.0	90.00	179.53	12,280.0	-2,577.9	-457.3	2,611.2	0.00	0.00	0.00
15,500.0	90.00	179.53	12,280.0	-2,677.9	-456.5	2,710.6	0.00	0.00	0.00
15,600.0	90.00	179.53	12,280.0	-2,777.9	-455.6	2,810.0	0.00	0.00	0.00
15,700.0	90.00	179.53	12,280.0	-2,877.9	-454.8	2,909.4	0.00	0.00	0.00
15,800.0	90.00	179.53	12,280.0	-2,977.9	-454.0	3,008.7	0.00	0.00	0.00
15,900.0	90.00	179.53	12,280.0	-3,077.9	-453.2	3,108.1	0.00	0.00	0.00
16,000.0	90.00	179.53	12,280.0	-3,177.9	-452.3	3,207.5	0.00	0.00	0.00
16,100.0	90.00	179.53	12,280.0	-3,277.9	-451.5	3,306.9	0.00	0.00	0.00
16,200.0	90.00	179.53	12,280.0	-3,377.9	-450.7	3,406.3	0.00	0.00	0.00
16,300.0	90.00	179.53	12,280.0	-3,477.9	-449.9	3,505.7	0.00	0.00	0.00
16,400.0	90.00	179.53	12,280.0	-3,577.9	-449.0	3,605.1	0.00	0.00	0.00
16,500.0	90.00	179.53	12,280.0	-3,677.9	-448.2	3,704.5	0.00	0.00	0.00
16,600.0	90.00	179.53	12,280.0	-3,777.9	-447.4	3,803.8	0.00	0.00	0.00
16,700.0	90.00	179.53	12,280.0	-3,877.9	-446.5	3,903.2	0.00	0.00	0.00
16,800.0	90.00	179.53	12,280.0	-3,977.9	-445.7	4,002.6	0.00	0.00	0.00
16,900.0	90.00	179.53	12,280.0	-4,077.9	-444.9	4,102.0	0.00	0.00	0.00
17,000.0	90.00	179.53	12,280.0	-4,177.9	-444.1	4,201.4	0.00	0.00	0.00
17,100.0	90.00	179.53	12,280.0	-4,277.9	-443.2	4,300.8	0.00	0.00	0.00
17,129.1	90.00	179.53	12,280.0	-4,307.0	-443.0	4,329.7	0.00	0.00	0.00

PBHL(Gem 36 ST Com #704H)

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(Gem 36 ST Com #704H)	0.00	0.00	12,280.0	-4,307.0	-443.0	393,655.00	719,468.00	32° 4' 49.051 N	103° 37' 29.099 W
- plan hits target center									
- Point									
FTP(Gem 36 ST Com #704H)	0.00	0.00	12,280.0	409.0	-482.0	398,371.00	719,429.00	32° 5' 35.722 N	103° 37' 29.192 W
- plan misses target center by 36.2usft at 12422.8usft MD (12246.7 TVD, 395.0 N, -479.7 E)									
- Point									



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