



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Cobalt 32 State

#301H

OH

Plan: Plan #0.1

Standard Planning Report

19 June, 2018



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #301H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3443.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3443.0usft
Site:	Cobalt 32 State	North Reference:	Grid
Well:	#301H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Cobalt 32 State				
Site Position:		Northing:	425,645.00 usft	Latitude:	32° 10' 2.406 N
From:	Map	Easting:	803,691.00 usft	Longitude:	103° 29' 7.689 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.45 °

Well	#301H					
Well Position	+N/-S	26.0 usft	Northing:	425,671.00 usft	Latitude:	32° 10' 2.699 N
	+E/-W	-457.0 usft	Easting:	803,234.00 usft	Longitude:	103° 29' 13.003 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,418.0 usft

Wellbore	OH					
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength	
			(°)	(°)	(nT)	
	IGRF2015	6/19/2018	6.80	60.01	47,810.04417454	

Design	Plan #0.1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	359.50

Plan Survey Tool Program	Date 6/19/2018				
Depth From	Depth To	Survey (Wellbore)	Tool Name	Remarks	
(usft)	(usft)				
1	0.0	14,993.8 Plan #0.1 (OH)	MWD		
			OWSG MWD - Standard		

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,144.2	1.44	179.21	3,144.1	-1.8	0.0	1.00	1.00	0.00	179.21	
9,723.6	1.44	179.21	9,721.5	-167.3	2.3	0.00	0.00	0.00	0.00	
10,485.6	90.00	359.49	10,211.0	310.0	-1.9	12.00	11.62	-23.58	-179.72	
14,993.8	90.00	359.49	10,211.0	4,818.0	-42.0	0.00	0.00	0.00	0.00	PBHL(Cobalt 32 ST 3



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 Wellbore: OH
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Local Co-ordinate Reference: Well #301H
 TVD Reference: KB = 25 @ 3443.0usft
 MD Reference: KB = 25 @ 3443.0usft
 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	1.00	179.21	3,100.0	-0.9	0.0	-0.9	1.00	1.00	0.00
3,144.2	1.44	179.21	3,144.1	-1.8	0.0	-1.8	1.00	1.00	0.00
3,200.0	1.44	179.21	3,200.0	-3.2	0.0	-3.2	0.00	0.00	0.00
3,300.0	1.44	179.21	3,299.9	-5.7	0.1	-5.7	0.00	0.00	0.00
3,400.0	1.44	179.21	3,399.9	-8.2	0.1	-8.2	0.00	0.00	0.00
3,500.0	1.44	179.21	3,499.9	-10.8	0.1	-10.8	0.00	0.00	0.00
3,600.0	1.44	179.21	3,599.8	-13.3	0.2	-13.3	0.00	0.00	0.00
3,700.0	1.44	179.21	3,699.8	-15.8	0.2	-15.8	0.00	0.00	0.00
3,800.0	1.44	179.21	3,799.8	-18.3	0.3	-18.3	0.00	0.00	0.00
3,900.0	1.44	179.21	3,899.7	-20.8	0.3	-20.8	0.00	0.00	0.00
4,000.0	1.44	179.21	3,999.7	-23.3	0.3	-23.3	0.00	0.00	0.00
4,100.0	1.44	179.21	4,099.7	-25.9	0.4	-25.9	0.00	0.00	0.00
4,200.0	1.44	179.21	4,199.7	-28.4	0.4	-28.4	0.00	0.00	0.00
4,300.0	1.44	179.21	4,299.6	-30.9	0.4	-30.9	0.00	0.00	0.00
4,400.0	1.44	179.21	4,399.6	-33.4	0.5	-33.4	0.00	0.00	0.00
4,500.0	1.44	179.21	4,499.6	-35.9	0.5	-35.9	0.00	0.00	0.00
4,600.0	1.44	179.21	4,599.5	-38.4	0.5	-38.4	0.00	0.00	0.00
4,700.0	1.44	179.21	4,699.5	-40.9	0.6	-41.0	0.00	0.00	0.00
4,800.0	1.44	179.21	4,799.5	-43.5	0.6	-43.5	0.00	0.00	0.00
4,900.0	1.44	179.21	4,899.4	-46.0	0.6	-46.0	0.00	0.00	0.00
5,000.0	1.44	179.21	4,999.4	-48.5	0.7	-48.5	0.00	0.00	0.00
5,100.0	1.44	179.21	5,099.4	-51.0	0.7	-51.0	0.00	0.00	0.00
5,200.0	1.44	179.21	5,199.3	-53.5	0.7	-53.5	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)
5,300.0	1.44	179.21	5,299.3	-56.0	0.8	-56.0	0.00	0.00	0.00
5,400.0	1.44	179.21	5,399.3	-58.6	0.8	-58.6	0.00	0.00	0.00
5,500.0	1.44	179.21	5,499.2	-61.1	0.8	-61.1	0.00	0.00	0.00
5,600.0	1.44	179.21	5,599.2	-63.6	0.9	-63.6	0.00	0.00	0.00
5,700.0	1.44	179.21	5,699.2	-66.1	0.9	-66.1	0.00	0.00	0.00
5,800.0	1.44	179.21	5,799.1	-68.6	1.0	-68.6	0.00	0.00	0.00
5,900.0	1.44	179.21	5,899.1	-71.1	1.0	-71.1	0.00	0.00	0.00
6,000.0	1.44	179.21	5,999.1	-73.7	1.0	-73.7	0.00	0.00	0.00
6,100.0	1.44	179.21	6,099.0	-76.2	1.1	-76.2	0.00	0.00	0.00
6,200.0	1.44	179.21	6,199.0	-78.7	1.1	-78.7	0.00	0.00	0.00
6,300.0	1.44	179.21	6,299.0	-81.2	1.1	-81.2	0.00	0.00	0.00
6,400.0	1.44	179.21	6,399.0	-83.7	1.2	-83.7	0.00	0.00	0.00
6,500.0	1.44	179.21	6,498.9	-86.2	1.2	-86.2	0.00	0.00	0.00
6,600.0	1.44	179.21	6,598.9	-88.7	1.2	-88.8	0.00	0.00	0.00
6,700.0	1.44	179.21	6,698.9	-91.3	1.3	-91.3	0.00	0.00	0.00
6,800.0	1.44	179.21	6,798.8	-93.8	1.3	-93.8	0.00	0.00	0.00
6,900.0	1.44	179.21	6,898.8	-96.3	1.3	-96.3	0.00	0.00	0.00
7,000.0	1.44	179.21	6,998.8	-98.8	1.4	-98.8	0.00	0.00	0.00
7,100.0	1.44	179.21	7,098.7	-101.3	1.4	-101.3	0.00	0.00	0.00
7,200.0	1.44	179.21	7,198.7	-103.8	1.4	-103.8	0.00	0.00	0.00
7,300.0	1.44	179.21	7,298.7	-106.4	1.5	-106.4	0.00	0.00	0.00
7,400.0	1.44	179.21	7,398.6	-108.9	1.5	-108.9	0.00	0.00	0.00
7,500.0	1.44	179.21	7,498.6	-111.4	1.5	-111.4	0.00	0.00	0.00
7,600.0	1.44	179.21	7,598.6	-113.9	1.6	-113.9	0.00	0.00	0.00
7,700.0	1.44	179.21	7,698.5	-116.4	1.6	-116.4	0.00	0.00	0.00
7,800.0	1.44	179.21	7,798.5	-118.9	1.6	-118.9	0.00	0.00	0.00
7,900.0	1.44	179.21	7,898.5	-121.4	1.7	-121.5	0.00	0.00	0.00
8,000.0	1.44	179.21	7,998.4	-124.0	1.7	-124.0	0.00	0.00	0.00
8,100.0	1.44	179.21	8,098.4	-126.5	1.8	-126.5	0.00	0.00	0.00
8,200.0	1.44	179.21	8,198.4	-129.0	1.8	-129.0	0.00	0.00	0.00
8,300.0	1.44	179.21	8,298.4	-131.5	1.8	-131.5	0.00	0.00	0.00
8,400.0	1.44	179.21	8,398.3	-134.0	1.9	-134.0	0.00	0.00	0.00
8,500.0	1.44	179.21	8,498.3	-136.5	1.9	-136.5	0.00	0.00	0.00
8,600.0	1.44	179.21	8,598.3	-139.1	1.9	-139.1	0.00	0.00	0.00
8,700.0	1.44	179.21	8,698.2	-141.6	2.0	-141.6	0.00	0.00	0.00
8,800.0	1.44	179.21	8,798.2	-144.1	2.0	-144.1	0.00	0.00	0.00
8,900.0	1.44	179.21	8,898.2	-146.6	2.0	-146.6	0.00	0.00	0.00
9,000.0	1.44	179.21	8,998.1	-149.1	2.1	-149.1	0.00	0.00	0.00
9,100.0	1.44	179.21	9,098.1	-151.6	2.1	-151.6	0.00	0.00	0.00
9,200.0	1.44	179.21	9,198.1	-154.1	2.1	-154.2	0.00	0.00	0.00
9,300.0	1.44	179.21	9,298.0	-156.7	2.2	-156.7	0.00	0.00	0.00
9,400.0	1.44	179.21	9,398.0	-159.2	2.2	-159.2	0.00	0.00	0.00
9,500.0	1.44	179.21	9,498.0	-161.7	2.2	-161.7	0.00	0.00	0.00
9,600.0	1.44	179.21	9,597.9	-164.2	2.3	-164.2	0.00	0.00	0.00
9,700.0	1.44	179.21	9,697.9	-166.7	2.3	-166.7	0.00	0.00	0.00
9,723.6	1.44	179.21	9,721.5	-167.3	2.3	-167.3	0.00	0.00	0.00
9,725.0	1.28	179.17	9,722.9	-167.3	2.3	-167.4	12.00	-12.00	-2.67
9,750.0	1.72	359.73	9,747.9	-167.3	2.3	-167.3	12.00	1.79	-717.77
9,775.0	4.72	359.58	9,772.9	-165.8	2.3	-165.9	12.00	12.00	-0.60
9,800.0	7.72	359.54	9,797.7	-163.1	2.3	-163.1	12.00	12.00	-0.14
9,825.0	10.72	359.53	9,822.4	-159.1	2.3	-159.1	12.00	12.00	-0.06
9,850.0	13.72	359.52	9,846.8	-153.8	2.2	-153.9	12.00	12.00	-0.03
9,875.0	16.72	359.51	9,870.9	-147.3	2.2	-147.3	12.00	12.00	-0.02
9,900.0	19.72	359.51	9,894.7	-139.5	2.1	-139.5	12.00	12.00	-0.02



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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)	
9,925.0	22.72	359.51	9,918.0	-130.4	2.0	-130.4	12.00	12.00	-0.01	
9,950.0	25.72	359.50	9,940.8	-120.2	1.9	-120.2	12.00	12.00	-0.01	
9,975.0	28.72	359.50	9,963.0	-108.7	1.8	-108.7	12.00	12.00	-0.01	
10,000.0	31.72	359.50	9,984.6	-96.1	1.7	-96.1	12.00	12.00	-0.01	
10,025.0	34.72	359.50	10,005.5	-82.4	1.6	-82.4	12.00	12.00	0.00	
10,050.0	37.72	359.50	10,025.7	-67.7	1.5	-67.7	12.00	12.00	0.00	
10,075.0	40.72	359.50	10,045.0	-51.9	1.3	-51.9	12.00	12.00	0.00	
10,100.0	43.72	359.50	10,063.6	-35.1	1.2	-35.1	12.00	12.00	0.00	
10,125.0	46.72	359.50	10,081.2	-17.3	1.0	-17.3	12.00	12.00	0.00	
10,150.0	49.72	359.50	10,097.8	1.3	0.9	1.3	12.00	12.00	0.00	
10,175.0	52.72	359.50	10,113.5	20.8	0.7	20.8	12.00	12.00	0.00	
10,200.0	55.72	359.49	10,128.1	41.1	0.5	41.1	12.00	12.00	0.00	
10,225.0	58.72	359.49	10,141.6	62.1	0.3	62.1	12.00	12.00	0.00	
10,250.0	61.72	359.49	10,154.0	83.8	0.1	83.8	12.00	12.00	0.00	
10,275.0	64.72	359.49	10,165.3	106.1	-0.1	106.1	12.00	12.00	0.00	
10,287.8	66.26	359.49	10,170.6	117.8	-0.2	117.8	12.00	12.00	0.00	
FTP(Cobalt 32 ST 301H)										
10,300.0	67.72	359.49	10,175.4	129.0	-0.3	129.0	12.00	12.00	0.00	
10,325.0	70.72	359.49	10,184.2	152.4	-0.5	152.4	12.00	12.00	0.00	
10,350.0	73.72	359.49	10,191.9	176.2	-0.7	176.2	12.00	12.00	0.00	
10,375.0	76.72	359.49	10,198.2	200.3	-0.9	200.3	12.00	12.00	0.00	
10,400.0	79.72	359.49	10,203.3	224.8	-1.1	224.8	12.00	12.00	0.00	
10,425.0	82.72	359.49	10,207.2	249.5	-1.3	249.5	12.00	12.00	0.00	
10,450.0	85.72	359.49	10,209.7	274.4	-1.6	274.4	12.00	12.00	0.00	
10,475.0	88.72	359.49	10,210.9	299.3	-1.8	299.4	12.00	12.00	0.00	
10,485.6	90.00	359.49	10,211.0	310.0	-1.9	310.0	12.00	12.00	0.00	
10,500.0	90.00	359.49	10,211.0	324.3	-2.0	324.3	0.00	0.00	0.00	
10,600.0	90.00	359.49	10,211.0	424.3	-2.9	424.3	0.00	0.00	0.00	
10,700.0	90.00	359.49	10,211.0	524.3	-3.8	524.3	0.00	0.00	0.00	
10,800.0	90.00	359.49	10,211.0	624.3	-4.7	624.3	0.00	0.00	0.00	
10,900.0	90.00	359.49	10,211.0	724.3	-5.6	724.3	0.00	0.00	0.00	
11,000.0	90.00	359.49	10,211.0	824.3	-6.4	824.3	0.00	0.00	0.00	
11,100.0	90.00	359.49	10,211.0	924.3	-7.3	924.3	0.00	0.00	0.00	
11,200.0	90.00	359.49	10,211.0	1,024.3	-8.2	1,024.3	0.00	0.00	0.00	
11,300.0	90.00	359.49	10,211.0	1,124.3	-9.1	1,124.3	0.00	0.00	0.00	
11,400.0	90.00	359.49	10,211.0	1,224.3	-10.0	1,224.3	0.00	0.00	0.00	
11,500.0	90.00	359.49	10,211.0	1,324.3	-10.9	1,324.3	0.00	0.00	0.00	
11,600.0	90.00	359.49	10,211.0	1,424.3	-11.8	1,424.3	0.00	0.00	0.00	
11,700.0	90.00	359.49	10,211.0	1,524.3	-12.7	1,524.3	0.00	0.00	0.00	
11,800.0	90.00	359.49	10,211.0	1,624.3	-13.6	1,624.3	0.00	0.00	0.00	
11,900.0	90.00	359.49	10,211.0	1,724.3	-14.5	1,724.3	0.00	0.00	0.00	
12,000.0	90.00	359.49	10,211.0	1,824.3	-15.3	1,824.3	0.00	0.00	0.00	
12,100.0	90.00	359.49	10,211.0	1,924.3	-16.2	1,924.3	0.00	0.00	0.00	
12,200.0	90.00	359.49	10,211.0	2,024.3	-17.1	2,024.3	0.00	0.00	0.00	
12,300.0	90.00	359.49	10,211.0	2,124.3	-18.0	2,124.3	0.00	0.00	0.00	
12,400.0	90.00	359.49	10,211.0	2,224.3	-18.9	2,224.3	0.00	0.00	0.00	
12,500.0	90.00	359.49	10,211.0	2,324.3	-19.8	2,324.3	0.00	0.00	0.00	
12,600.0	90.00	359.49	10,211.0	2,424.3	-20.7	2,424.3	0.00	0.00	0.00	
12,700.0	90.00	359.49	10,211.0	2,524.3	-21.6	2,524.3	0.00	0.00	0.00	
12,800.0	90.00	359.49	10,211.0	2,624.3	-22.5	2,624.3	0.00	0.00	0.00	
12,900.0	90.00	359.49	10,211.0	2,724.2	-23.4	2,724.3	0.00	0.00	0.00	
13,000.0	90.00	359.49	10,211.0	2,824.2	-24.3	2,824.3	0.00	0.00	0.00	
13,100.0	90.00	359.49	10,211.0	2,924.2	-25.1	2,924.3	0.00	0.00	0.00	



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Cobalt 32 State
 Well: #301H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #301H
 TVD Reference: KB = 25 @ 3443.0usft
 MD Reference: KB = 25 @ 3443.0usft
 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)
13,200.0	90.00	359.49	10,211.0	3,024.2	-26.0	3,024.3	0.00	0.00	0.00
13,300.0	90.00	359.49	10,211.0	3,124.2	-26.9	3,124.3	0.00	0.00	0.00
13,400.0	90.00	359.49	10,211.0	3,224.2	-27.8	3,224.3	0.00	0.00	0.00
13,500.0	90.00	359.49	10,211.0	3,324.2	-28.7	3,324.3	0.00	0.00	0.00
13,600.0	90.00	359.49	10,211.0	3,424.2	-29.6	3,424.3	0.00	0.00	0.00
13,700.0	90.00	359.49	10,211.0	3,524.2	-30.5	3,524.3	0.00	0.00	0.00
13,800.0	90.00	359.49	10,211.0	3,624.2	-31.4	3,624.3	0.00	0.00	0.00
13,900.0	90.00	359.49	10,211.0	3,724.2	-32.3	3,724.3	0.00	0.00	0.00
14,000.0	90.00	359.49	10,211.0	3,824.2	-33.2	3,824.3	0.00	0.00	0.00
14,100.0	90.00	359.49	10,211.0	3,924.2	-34.0	3,924.3	0.00	0.00	0.00
14,200.0	90.00	359.49	10,211.0	4,024.2	-34.9	4,024.3	0.00	0.00	0.00
14,300.0	90.00	359.49	10,211.0	4,124.2	-35.8	4,124.3	0.00	0.00	0.00
14,400.0	90.00	359.49	10,211.0	4,224.2	-36.7	4,224.3	0.00	0.00	0.00
14,500.0	90.00	359.49	10,211.0	4,324.2	-37.6	4,324.3	0.00	0.00	0.00
14,600.0	90.00	359.49	10,211.0	4,424.2	-38.5	4,424.3	0.00	0.00	0.00
14,700.0	90.00	359.49	10,211.0	4,524.2	-39.4	4,524.3	0.00	0.00	0.00
14,800.0	90.00	359.49	10,211.0	4,624.2	-40.3	4,624.3	0.00	0.00	0.00
14,900.0	90.00	359.49	10,211.0	4,724.2	-41.2	4,724.3	0.00	0.00	0.00
14,993.8	90.00	359.49	10,211.0	4,818.0	-42.0	4,818.2	0.00	0.00	0.00

PBHL(Cobalt 32 ST 301H)

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
PBHL(Cobalt 32 ST 301 - plan hits target center - Point	0.00	0.00	10,211.0	4,818.0	-42.0	430,489.00	803,192.00	32° 10' 50.377 N	103° 29' 13.051 W
FTP(Cobalt 32 ST 301H - plan misses target center by 44.1usft at 10287.8usft MD (10170.6 TVD, 117.8 N, -0.2 E) - Point	0.00	0.00	10,211.0	100.0	0.0	425,771.00	803,234.00	32° 10' 3.689 N	103° 29' 12.994 W

RECEIVED

