



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Adder 31 State

#507H

OH

Plan: Plan #0.1

Standard Planning Report

11 March, 2019



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Adder 31 State
Well: #507H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #507H
TVD Reference: KB = 25 @ 3532.0usft
MD Reference: KB = 25 @ 3532.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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	Adder 31 State		
Site Position:		Northing:	425,513.00 usft
From:	Map	Easting:	765,412.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 10' 3.867 N
		Longitude:	103° 36' 33.017 W
		Grid Convergence:	0.39 °

Well	#507H		
Well Position	+N/-S	443.0 usft	Northing: 425,956.00 usft
	+E/-W	1,177.0 usft	Easting: 766,589.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 32° 10' 8.172 N
			Longitude: 103° 36' 19.290 W
			Ground Level: 3,507.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	3/11/2019	(°)
			6.78
			Dip Angle
			(°)
			59.98
			Field Strength
			(nT)
			47,723.35375046

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			3.82

Plan Survey Tool Program	Date 3/11/2019		
Depth From	Depth To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
1	0.0	16,038.7 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	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,543.3	4.87	154.10	1,543.0	-9.3	4.5	2.00	2.00	0.00	154.10	
10,393.7	4.87	154.10	10,361.5	-684.7	332.5	0.00	0.00	0.00	0.00	
10,637.0	0.00	0.00	10,604.5	-694.0	337.0	2.00	-2.00	0.00	180.00	KOP(Adder 31 State 1
11,387.0	90.00	359.54	11,082.0	-216.6	333.2	12.00	12.00	-0.06	359.54	
16,038.7	90.00	359.54	11,082.0	4,435.0	296.0	0.00	0.00	0.00	0.00	PBHL(Adder 31 State



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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	2.00	154.10	1,400.0	-1.6	0.8	-1.5	2.00	2.00	0.00
1,500.0	4.00	154.10	1,499.8	-6.3	3.0	-6.1	2.00	2.00	0.00
1,543.3	4.87	154.10	1,543.0	-9.3	4.5	-9.0	2.00	2.00	0.00
1,600.0	4.87	154.10	1,599.5	-13.6	6.6	-13.1	0.00	0.00	0.00
1,700.0	4.87	154.10	1,699.1	-21.2	10.3	-20.5	0.00	0.00	0.00
1,800.0	4.87	154.10	1,798.8	-28.9	14.0	-27.9	0.00	0.00	0.00
1,900.0	4.87	154.10	1,898.4	-36.5	17.7	-35.2	0.00	0.00	0.00
2,000.0	4.87	154.10	1,998.1	-44.1	21.4	-42.6	0.00	0.00	0.00
2,100.0	4.87	154.10	2,097.7	-51.8	25.1	-50.0	0.00	0.00	0.00
2,200.0	4.87	154.10	2,197.3	-59.4	28.8	-57.4	0.00	0.00	0.00
2,300.0	4.87	154.10	2,297.0	-67.0	32.6	-64.7	0.00	0.00	0.00
2,400.0	4.87	154.10	2,396.6	-74.7	36.3	-72.1	0.00	0.00	0.00
2,500.0	4.87	154.10	2,496.3	-82.3	40.0	-79.5	0.00	0.00	0.00
2,600.0	4.87	154.10	2,595.9	-89.9	43.7	-86.8	0.00	0.00	0.00
2,700.0	4.87	154.10	2,695.5	-97.6	47.4	-94.2	0.00	0.00	0.00
2,800.0	4.87	154.10	2,795.2	-105.2	51.1	-101.6	0.00	0.00	0.00
2,900.0	4.87	154.10	2,894.8	-112.8	54.8	-108.9	0.00	0.00	0.00
3,000.0	4.87	154.10	2,994.5	-120.5	58.5	-116.3	0.00	0.00	0.00
3,100.0	4.87	154.10	3,094.1	-128.1	62.2	-123.7	0.00	0.00	0.00
3,200.0	4.87	154.10	3,193.7	-135.7	65.9	-131.0	0.00	0.00	0.00
3,300.0	4.87	154.10	3,293.4	-143.4	69.6	-138.4	0.00	0.00	0.00
3,400.0	4.87	154.10	3,393.0	-151.0	73.3	-145.8	0.00	0.00	0.00
3,500.0	4.87	154.10	3,492.7	-158.6	77.0	-153.1	0.00	0.00	0.00
3,600.0	4.87	154.10	3,592.3	-166.2	80.7	-160.5	0.00	0.00	0.00
3,700.0	4.87	154.10	3,691.9	-173.9	84.4	-167.9	0.00	0.00	0.00
3,800.0	4.87	154.10	3,791.6	-181.5	88.1	-175.2	0.00	0.00	0.00
3,900.0	4.87	154.10	3,891.2	-189.1	91.8	-182.6	0.00	0.00	0.00
4,000.0	4.87	154.10	3,990.9	-196.8	95.6	-190.0	0.00	0.00	0.00
4,100.0	4.87	154.10	4,090.5	-204.4	99.3	-197.3	0.00	0.00	0.00
4,200.0	4.87	154.10	4,190.1	-212.0	103.0	-204.7	0.00	0.00	0.00
4,300.0	4.87	154.10	4,289.8	-219.7	106.7	-212.1	0.00	0.00	0.00
4,400.0	4.87	154.10	4,389.4	-227.3	110.4	-219.4	0.00	0.00	0.00
4,500.0	4.87	154.10	4,489.0	-234.9	114.1	-226.8	0.00	0.00	0.00
4,600.0	4.87	154.10	4,588.7	-242.6	117.8	-234.2	0.00	0.00	0.00
4,700.0	4.87	154.10	4,688.3	-250.2	121.5	-241.5	0.00	0.00	0.00
4,800.0	4.87	154.10	4,788.0	-257.8	125.2	-248.9	0.00	0.00	0.00
4,900.0	4.87	154.10	4,887.6	-265.5	128.9	-256.3	0.00	0.00	0.00
5,000.0	4.87	154.10	4,987.2	-273.1	132.6	-263.7	0.00	0.00	0.00
5,100.0	4.87	154.10	5,086.9	-280.7	136.3	-271.0	0.00	0.00	0.00
5,200.0	4.87	154.10	5,186.5	-288.4	140.0	-278.4	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	4.87	154.10	5,286.2	-296.0	143.7	-285.8	0.00	0.00	0.00
5,400.0	4.87	154.10	5,385.8	-303.6	147.4	-293.1	0.00	0.00	0.00
5,500.0	4.87	154.10	5,485.4	-311.2	151.1	-300.5	0.00	0.00	0.00
5,600.0	4.87	154.10	5,585.1	-318.9	154.8	-307.9	0.00	0.00	0.00
5,700.0	4.87	154.10	5,684.7	-326.5	158.6	-315.2	0.00	0.00	0.00
5,800.0	4.87	154.10	5,784.4	-334.1	162.3	-322.6	0.00	0.00	0.00
5,900.0	4.87	154.10	5,884.0	-341.8	166.0	-330.0	0.00	0.00	0.00
6,000.0	4.87	154.10	5,983.6	-349.4	169.7	-337.3	0.00	0.00	0.00
6,100.0	4.87	154.10	6,083.3	-357.0	173.4	-344.7	0.00	0.00	0.00
6,200.0	4.87	154.10	6,182.9	-364.7	177.1	-352.1	0.00	0.00	0.00
6,300.0	4.87	154.10	6,282.6	-372.3	180.8	-359.4	0.00	0.00	0.00
6,400.0	4.87	154.10	6,382.2	-379.9	184.5	-366.8	0.00	0.00	0.00
6,500.0	4.87	154.10	6,481.8	-387.6	188.2	-374.2	0.00	0.00	0.00
6,600.0	4.87	154.10	6,581.5	-395.2	191.9	-381.5	0.00	0.00	0.00
6,700.0	4.87	154.10	6,681.1	-402.8	195.6	-388.9	0.00	0.00	0.00
6,800.0	4.87	154.10	6,780.8	-410.5	199.3	-396.3	0.00	0.00	0.00
6,900.0	4.87	154.10	6,880.4	-418.1	203.0	-403.6	0.00	0.00	0.00
7,000.0	4.87	154.10	6,980.0	-425.7	206.7	-411.0	0.00	0.00	0.00
7,100.0	4.87	154.10	7,079.7	-433.4	210.4	-418.4	0.00	0.00	0.00
7,200.0	4.87	154.10	7,179.3	-441.0	214.1	-425.7	0.00	0.00	0.00
7,300.0	4.87	154.10	7,279.0	-448.6	217.8	-433.1	0.00	0.00	0.00
7,400.0	4.87	154.10	7,378.6	-456.2	221.5	-440.5	0.00	0.00	0.00
7,500.0	4.87	154.10	7,478.2	-463.9	225.3	-447.8	0.00	0.00	0.00
7,600.0	4.87	154.10	7,577.9	-471.5	229.0	-455.2	0.00	0.00	0.00
7,700.0	4.87	154.10	7,677.5	-479.1	232.7	-462.6	0.00	0.00	0.00
7,800.0	4.87	154.10	7,777.2	-486.8	236.4	-470.0	0.00	0.00	0.00
7,900.0	4.87	154.10	7,876.8	-494.4	240.1	-477.3	0.00	0.00	0.00
8,000.0	4.87	154.10	7,976.4	-502.0	243.8	-484.7	0.00	0.00	0.00
8,100.0	4.87	154.10	8,076.1	-509.7	247.5	-492.1	0.00	0.00	0.00
8,200.0	4.87	154.10	8,175.7	-517.3	251.2	-499.4	0.00	0.00	0.00
8,300.0	4.87	154.10	8,275.3	-524.9	254.9	-506.8	0.00	0.00	0.00
8,400.0	4.87	154.10	8,375.0	-532.6	258.6	-514.2	0.00	0.00	0.00
8,500.0	4.87	154.10	8,474.6	-540.2	262.3	-521.5	0.00	0.00	0.00
8,600.0	4.87	154.10	8,574.3	-547.8	266.0	-528.9	0.00	0.00	0.00
8,700.0	4.87	154.10	8,673.9	-555.5	269.7	-536.3	0.00	0.00	0.00
8,800.0	4.87	154.10	8,773.5	-563.1	273.4	-543.6	0.00	0.00	0.00
8,900.0	4.87	154.10	8,873.2	-570.7	277.1	-551.0	0.00	0.00	0.00
9,000.0	4.87	154.10	8,972.8	-578.4	280.8	-558.4	0.00	0.00	0.00
9,100.0	4.87	154.10	9,072.5	-586.0	284.5	-565.7	0.00	0.00	0.00
9,200.0	4.87	154.10	9,172.1	-593.6	288.3	-573.1	0.00	0.00	0.00
9,300.0	4.87	154.10	9,271.7	-601.2	292.0	-580.5	0.00	0.00	0.00
9,400.0	4.87	154.10	9,371.4	-608.9	295.7	-587.8	0.00	0.00	0.00
9,500.0	4.87	154.10	9,471.0	-616.5	299.4	-595.2	0.00	0.00	0.00
9,600.0	4.87	154.10	9,570.7	-624.1	303.1	-602.6	0.00	0.00	0.00
9,700.0	4.87	154.10	9,670.3	-631.8	306.8	-609.9	0.00	0.00	0.00
9,800.0	4.87	154.10	9,769.9	-639.4	310.5	-617.3	0.00	0.00	0.00
9,900.0	4.87	154.10	9,869.6	-647.0	314.2	-624.7	0.00	0.00	0.00
10,000.0	4.87	154.10	9,969.2	-654.7	317.9	-632.0	0.00	0.00	0.00
10,100.0	4.87	154.10	10,068.9	-662.3	321.6	-639.4	0.00	0.00	0.00
10,200.0	4.87	154.10	10,168.5	-669.9	325.3	-646.8	0.00	0.00	0.00
10,300.0	4.87	154.10	10,268.1	-677.6	329.0	-654.1	0.00	0.00	0.00
10,393.7	4.87	154.10	10,361.5	-684.7	332.5	-661.0	0.00	0.00	0.00
10,400.0	4.74	154.10	10,367.8	-685.2	332.7	-661.5	2.00	-2.00	0.00
10,500.0	2.74	154.10	10,467.6	-691.1	335.6	-667.2	2.00	-2.00	0.00



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10,600.0	0.74	154.10	10,567.5	-693.8	336.9	-669.8	2.00	-2.00	0.00
10,637.0	0.00	0.00	10,604.5	-694.0	337.0	-670.0	2.00	-2.00	0.00
KOP(Adder 31 State #507H)									
10,650.0	1.56	359.54	10,617.5	-693.8	337.0	-669.8	12.00	12.00	0.00
10,675.0	4.56	359.54	10,642.5	-692.5	337.0	-668.5	12.00	12.00	0.00
10,700.0	7.56	359.54	10,667.3	-689.8	337.0	-665.9	12.00	12.00	0.00
10,725.0	10.56	359.54	10,692.0	-685.9	336.9	-662.0	12.00	12.00	0.00
10,750.0	13.56	359.54	10,716.5	-680.7	336.9	-656.7	12.00	12.00	0.00
10,775.0	16.56	359.54	10,740.6	-674.2	336.8	-650.3	12.00	12.00	0.00
10,800.0	19.56	359.54	10,764.4	-666.4	336.8	-642.5	12.00	12.00	0.00
10,825.0	22.56	359.54	10,787.7	-657.5	336.7	-633.6	12.00	12.00	0.00
10,850.0	25.56	359.54	10,810.5	-647.3	336.6	-623.4	12.00	12.00	0.00
10,875.0	28.56	359.54	10,832.8	-635.9	336.5	-612.1	12.00	12.00	0.00
10,900.0	31.56	359.54	10,854.4	-623.4	336.4	-599.6	12.00	12.00	0.00
10,925.0	34.56	359.54	10,875.4	-609.7	336.3	-586.0	12.00	12.00	0.00
10,950.0	37.56	359.54	10,895.6	-595.0	336.2	-571.3	12.00	12.00	0.00
10,975.0	40.56	359.54	10,915.0	-579.3	336.1	-555.6	12.00	12.00	0.00
11,000.0	43.56	359.54	10,933.5	-562.5	335.9	-538.9	12.00	12.00	0.00
11,025.0	46.56	359.54	10,951.2	-544.8	335.8	-521.3	12.00	12.00	0.00
11,038.7	48.20	359.54	10,960.4	-534.8	335.7	-511.2	12.00	12.00	0.00
FTP(Adder 31 State #507H)									
11,050.0	49.56	359.54	10,967.9	-526.2	335.7	-502.7	12.00	12.00	0.00
11,075.0	52.56	359.54	10,983.6	-506.8	335.5	-483.3	12.00	12.00	0.00
11,100.0	55.56	359.54	10,998.3	-486.6	335.3	-463.2	12.00	12.00	0.00
11,125.0	58.56	359.54	11,011.9	-465.6	335.2	-442.2	12.00	12.00	0.00
11,150.0	61.56	359.54	11,024.3	-443.9	335.0	-420.6	12.00	12.00	0.00
11,175.0	64.56	359.54	11,035.7	-421.6	334.8	-398.4	12.00	12.00	0.00
11,200.0	67.56	359.54	11,045.8	-398.8	334.6	-375.6	12.00	12.00	0.00
11,225.0	70.56	359.54	11,054.7	-375.4	334.5	-352.3	12.00	12.00	0.00
11,250.0	73.56	359.54	11,062.4	-351.7	334.3	-328.6	12.00	12.00	0.00
11,275.0	76.56	359.54	11,068.9	-327.5	334.1	-304.5	12.00	12.00	0.00
11,300.0	79.56	359.54	11,074.1	-303.1	333.9	-280.2	12.00	12.00	0.00
11,325.0	82.56	359.54	11,077.9	-278.4	333.7	-255.5	12.00	12.00	0.00
11,350.0	85.56	359.54	11,080.5	-253.5	333.5	-230.7	12.00	12.00	0.00
11,375.0	88.56	359.54	11,081.8	-228.5	333.3	-205.8	12.00	12.00	0.00
11,387.0	90.00	359.54	11,082.0	-216.6	333.2	-193.9	12.00	12.00	0.00
11,400.0	90.00	359.54	11,082.0	-203.5	333.1	-180.9	0.00	0.00	0.00
11,500.0	90.00	359.54	11,082.0	-103.5	332.3	-81.2	0.00	0.00	0.00
11,600.0	90.00	359.54	11,082.0	-3.5	331.5	18.5	0.00	0.00	0.00
11,700.0	90.00	359.54	11,082.0	96.4	330.7	118.3	0.00	0.00	0.00
11,800.0	90.00	359.54	11,082.0	196.4	329.9	218.0	0.00	0.00	0.00
11,900.0	90.00	359.54	11,082.0	296.4	329.1	317.7	0.00	0.00	0.00
12,000.0	90.00	359.54	11,082.0	396.4	328.3	417.4	0.00	0.00	0.00
12,100.0	90.00	359.54	11,082.0	496.4	327.5	517.1	0.00	0.00	0.00
12,200.0	90.00	359.54	11,082.0	596.4	326.7	616.9	0.00	0.00	0.00
12,300.0	90.00	359.54	11,082.0	696.4	325.9	716.6	0.00	0.00	0.00
12,400.0	90.00	359.54	11,082.0	796.4	325.1	816.3	0.00	0.00	0.00
12,500.0	90.00	359.54	11,082.0	896.4	324.3	916.0	0.00	0.00	0.00
12,600.0	90.00	359.54	11,082.0	996.4	323.5	1,015.7	0.00	0.00	0.00
12,700.0	90.00	359.54	11,082.0	1,096.4	322.7	1,115.5	0.00	0.00	0.00
12,800.0	90.00	359.54	11,082.0	1,196.4	321.9	1,215.2	0.00	0.00	0.00
12,900.0	90.00	359.54	11,082.0	1,296.4	321.1	1,314.9	0.00	0.00	0.00
13,000.0	90.00	359.54	11,082.0	1,396.4	320.3	1,414.6	0.00	0.00	0.00
13,100.0	90.00	359.54	11,082.0	1,496.4	319.5	1,514.4	0.00	0.00	0.00

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Adder 31 State
Well: #507H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #507H
TVD Reference: KB = 25 @ 3532.0usft
MD Reference: KB = 25 @ 3532.0usft
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	359.54	11,082.0	1,596.4	318.7	1,614.1	0.00	0.00	0.00
13,300.0	90.00	359.54	11,082.0	1,696.4	317.9	1,713.8	0.00	0.00	0.00
13,400.0	90.00	359.54	11,082.0	1,796.4	317.1	1,813.5	0.00	0.00	0.00
13,500.0	90.00	359.54	11,082.0	1,896.4	316.3	1,913.2	0.00	0.00	0.00
13,600.0	90.00	359.54	11,082.0	1,996.4	315.5	2,013.0	0.00	0.00	0.00
13,700.0	90.00	359.54	11,082.0	2,096.4	314.7	2,112.7	0.00	0.00	0.00
13,800.0	90.00	359.54	11,082.0	2,196.4	313.9	2,212.4	0.00	0.00	0.00
13,900.0	90.00	359.54	11,082.0	2,296.4	313.1	2,312.1	0.00	0.00	0.00
14,000.0	90.00	359.54	11,082.0	2,396.4	312.3	2,411.9	0.00	0.00	0.00
14,100.0	90.00	359.54	11,082.0	2,496.4	311.5	2,511.6	0.00	0.00	0.00
14,200.0	90.00	359.54	11,082.0	2,596.4	310.7	2,611.3	0.00	0.00	0.00
14,300.0	90.00	359.54	11,082.0	2,696.4	309.9	2,711.0	0.00	0.00	0.00
14,400.0	90.00	359.54	11,082.0	2,796.4	309.1	2,810.7	0.00	0.00	0.00
14,500.0	90.00	359.54	11,082.0	2,896.4	308.3	2,910.5	0.00	0.00	0.00
14,600.0	90.00	359.54	11,082.0	2,996.4	307.5	3,010.2	0.00	0.00	0.00
14,700.0	90.00	359.54	11,082.0	3,096.4	306.7	3,109.9	0.00	0.00	0.00
14,800.0	90.00	359.54	11,082.0	3,196.3	305.9	3,209.6	0.00	0.00	0.00
14,900.0	90.00	359.54	11,082.0	3,296.3	305.1	3,309.3	0.00	0.00	0.00
15,000.0	90.00	359.54	11,082.0	3,396.3	304.3	3,409.1	0.00	0.00	0.00
15,100.0	90.00	359.54	11,082.0	3,496.3	303.5	3,508.8	0.00	0.00	0.00
15,200.0	90.00	359.54	11,082.0	3,596.3	302.7	3,608.5	0.00	0.00	0.00
15,300.0	90.00	359.54	11,082.0	3,696.3	301.9	3,708.2	0.00	0.00	0.00
15,400.0	90.00	359.54	11,082.0	3,796.3	301.1	3,808.0	0.00	0.00	0.00
15,500.0	90.00	359.54	11,082.0	3,896.3	300.3	3,907.7	0.00	0.00	0.00
15,600.0	90.00	359.54	11,082.0	3,996.3	299.5	4,007.4	0.00	0.00	0.00
15,700.0	90.00	359.54	11,082.0	4,096.3	298.7	4,107.1	0.00	0.00	0.00
15,800.0	90.00	359.54	11,082.0	4,196.3	297.9	4,206.8	0.00	0.00	0.00
15,900.0	90.00	359.54	11,082.0	4,296.3	297.1	4,306.6	0.00	0.00	0.00
16,000.0	90.00	359.54	11,082.0	4,396.3	296.3	4,406.3	0.00	0.00	0.00
16,038.7	90.00	359.54	11,082.0	4,435.0	296.0	4,444.9	0.00	0.00	0.00

PBHL(Adder 31 State #507H)

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP(Adder 31 State #507H) - hit/miss target - Shape - Point	0.00	0.00	10,604.5	-694.0	337.0	425,262.00	766,926.00	32° 10' 1.282 N	103° 36' 15.424 W
PBHL(Adder 31 State #507H) - plan hits target center - Point	0.00	0.00	11,082.0	4,435.0	296.0	430,391.00	766,885.00	32° 10' 52.038 N	103° 36' 15.496 W
FTP(Adder 31 State #507H) - plan misses target center by 163.4usft at 11038.7usft MD (10960.4 TVD, -534.8 N, 335.7 E) - Point	0.00	0.00	11,082.0	-644.0	337.0	425,312.00	766,926.00	32° 10' 1.777 N	103° 36' 15.420 W