



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Adder 31 State

#504H

OH

Plan: Plan #0.1

Standard Planning Report

11 March, 2019

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Adder 31 State
Well: #504H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #504H
TVD Reference: KB = 25 @ 3527.0usft
MD Reference: KB = 25 @ 3527.0usft
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	#504H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level:
			3,502.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	3/8/2019	6.78
			Dip Angle
			59.98
			Field Strength
			47,723.13107135

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
			354.75

Plan Survey Tool Program	Date 3/8/2019		
Depth From	Depth To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
1	0.0	16,002.9 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	
1,451.5	3.03	236.90	1,451.4	-2.2	-3.4	2.00	2.00	0.00	236.90	
10,447.7	3.03	236.90	10,435.1	-261.8	-401.6	0.00	0.00	0.00	0.00	
10,599.2	0.00	0.00	10,586.5	-264.0	-405.0	2.00	-2.00	0.00	180.00	KOP(Adder 31 State i
11,349.2	90.00	359.53	11,064.0	213.4	-408.9	12.00	12.00	-0.06	359.53	
16,002.9	90.00	359.53	11,064.0	4,867.0	-447.0	0.00	0.00	0.00	0.00	PBHL(Adder 31 State



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 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	2.00	236.90	1,400.0	-1.0	-1.5	-0.8	2.00	2.00	0.00
1,451.5	3.03	236.90	1,451.4	-2.2	-3.4	-1.9	2.00	2.00	0.00
1,500.0	3.03	236.90	1,499.9	-3.6	-5.5	-3.1	0.00	0.00	0.00
1,600.0	3.03	236.90	1,599.7	-6.5	-9.9	-5.5	0.00	0.00	0.00
1,700.0	3.03	236.90	1,699.6	-9.4	-14.4	-8.0	0.00	0.00	0.00
1,800.0	3.03	236.90	1,799.4	-12.2	-18.8	-10.5	0.00	0.00	0.00
1,900.0	3.03	236.90	1,899.3	-15.1	-23.2	-12.9	0.00	0.00	0.00
2,000.0	3.03	236.90	1,999.2	-18.0	-27.6	-15.4	0.00	0.00	0.00
2,100.0	3.03	236.90	2,099.0	-20.9	-32.1	-17.9	0.00	0.00	0.00
2,200.0	3.03	236.90	2,198.9	-23.8	-36.5	-20.4	0.00	0.00	0.00
2,300.0	3.03	236.90	2,298.7	-26.7	-40.9	-22.8	0.00	0.00	0.00
2,400.0	3.03	236.90	2,398.6	-29.6	-45.3	-25.3	0.00	0.00	0.00
2,500.0	3.03	236.90	2,498.5	-32.4	-49.8	-27.8	0.00	0.00	0.00
2,600.0	3.03	236.90	2,598.3	-35.3	-54.2	-30.2	0.00	0.00	0.00
2,700.0	3.03	236.90	2,698.2	-38.2	-58.6	-32.7	0.00	0.00	0.00
2,800.0	3.03	236.90	2,798.0	-41.1	-63.1	-35.2	0.00	0.00	0.00
2,900.0	3.03	236.90	2,897.9	-44.0	-67.5	-37.6	0.00	0.00	0.00
3,000.0	3.03	236.90	2,997.8	-46.9	-71.9	-40.1	0.00	0.00	0.00
3,100.0	3.03	236.90	3,097.6	-49.8	-76.3	-42.6	0.00	0.00	0.00
3,200.0	3.03	236.90	3,197.5	-52.6	-80.8	-45.0	0.00	0.00	0.00
3,300.0	3.03	236.90	3,297.3	-55.5	-85.2	-47.5	0.00	0.00	0.00
3,400.0	3.03	236.90	3,397.2	-58.4	-89.6	-50.0	0.00	0.00	0.00
3,500.0	3.03	236.90	3,497.1	-61.3	-94.0	-52.4	0.00	0.00	0.00
3,600.0	3.03	236.90	3,596.9	-64.2	-98.5	-54.9	0.00	0.00	0.00
3,700.0	3.03	236.90	3,696.8	-67.1	-102.9	-57.4	0.00	0.00	0.00
3,800.0	3.03	236.90	3,796.6	-70.0	-107.3	-59.9	0.00	0.00	0.00
3,900.0	3.03	236.90	3,896.5	-72.8	-111.8	-62.3	0.00	0.00	0.00
4,000.0	3.03	236.90	3,996.4	-75.7	-116.2	-64.8	0.00	0.00	0.00
4,100.0	3.03	236.90	4,096.2	-78.6	-120.6	-67.3	0.00	0.00	0.00
4,200.0	3.03	236.90	4,196.1	-81.5	-125.0	-69.7	0.00	0.00	0.00
4,300.0	3.03	236.90	4,295.9	-84.4	-129.5	-72.2	0.00	0.00	0.00
4,400.0	3.03	236.90	4,395.8	-87.3	-133.9	-74.7	0.00	0.00	0.00
4,500.0	3.03	236.90	4,495.7	-90.2	-138.3	-77.1	0.00	0.00	0.00
4,600.0	3.03	236.90	4,595.5	-93.1	-142.7	-79.6	0.00	0.00	0.00
4,700.0	3.03	236.90	4,695.4	-95.9	-147.2	-82.1	0.00	0.00	0.00
4,800.0	3.03	236.90	4,795.2	-98.8	-151.6	-84.5	0.00	0.00	0.00
4,900.0	3.03	236.90	4,895.1	-101.7	-156.0	-87.0	0.00	0.00	0.00
5,000.0	3.03	236.90	4,995.0	-104.6	-160.5	-89.5	0.00	0.00	0.00
5,100.0	3.03	236.90	5,094.8	-107.5	-164.9	-92.0	0.00	0.00	0.00
5,200.0	3.03	236.90	5,194.7	-110.4	-169.3	-94.4	0.00	0.00	0.00



Planning Report

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 Well: #504H
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Planned Survey

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5,300.0	3.03	236.90	5,294.6	-113.3	-173.7	-96.9	0.00	0.00	0.00
5,400.0	3.03	236.90	5,394.4	-116.1	-178.2	-99.4	0.00	0.00	0.00
5,500.0	3.03	236.90	5,494.3	-119.0	-182.6	-101.8	0.00	0.00	0.00
5,600.0	3.03	236.90	5,594.1	-121.9	-187.0	-104.3	0.00	0.00	0.00
5,700.0	3.03	236.90	5,694.0	-124.8	-191.4	-106.8	0.00	0.00	0.00
5,800.0	3.03	236.90	5,793.9	-127.7	-195.9	-109.2	0.00	0.00	0.00
5,900.0	3.03	236.90	5,893.7	-130.6	-200.3	-111.7	0.00	0.00	0.00
6,000.0	3.03	236.90	5,993.6	-133.5	-204.7	-114.2	0.00	0.00	0.00
6,100.0	3.03	236.90	6,093.4	-136.3	-209.2	-116.6	0.00	0.00	0.00
6,200.0	3.03	236.90	6,193.3	-139.2	-213.6	-119.1	0.00	0.00	0.00
6,300.0	3.03	236.90	6,293.2	-142.1	-218.0	-121.6	0.00	0.00	0.00
6,400.0	3.03	236.90	6,393.0	-145.0	-222.4	-124.0	0.00	0.00	0.00
6,500.0	3.03	236.90	6,492.9	-147.9	-226.9	-126.5	0.00	0.00	0.00
6,600.0	3.03	236.90	6,592.7	-150.8	-231.3	-129.0	0.00	0.00	0.00
6,700.0	3.03	236.90	6,692.6	-153.7	-235.7	-131.5	0.00	0.00	0.00
6,800.0	3.03	236.90	6,792.5	-156.5	-240.1	-133.9	0.00	0.00	0.00
6,900.0	3.03	236.90	6,892.3	-159.4	-244.6	-136.4	0.00	0.00	0.00
7,000.0	3.03	236.90	6,992.2	-162.3	-249.0	-138.9	0.00	0.00	0.00
7,100.0	3.03	236.90	7,092.0	-165.2	-253.4	-141.3	0.00	0.00	0.00
7,200.0	3.03	236.90	7,191.9	-168.1	-257.9	-143.8	0.00	0.00	0.00
7,300.0	3.03	236.90	7,291.8	-171.0	-262.3	-146.3	0.00	0.00	0.00
7,400.0	3.03	236.90	7,391.6	-173.9	-266.7	-148.7	0.00	0.00	0.00
7,500.0	3.03	236.90	7,491.5	-176.7	-271.1	-151.2	0.00	0.00	0.00
7,600.0	3.03	236.90	7,591.3	-179.6	-275.6	-153.7	0.00	0.00	0.00
7,700.0	3.03	236.90	7,691.2	-182.5	-280.0	-156.1	0.00	0.00	0.00
7,800.0	3.03	236.90	7,791.1	-185.4	-284.4	-158.6	0.00	0.00	0.00
7,900.0	3.03	236.90	7,890.9	-188.3	-288.8	-161.1	0.00	0.00	0.00
8,000.0	3.03	236.90	7,990.8	-191.2	-293.3	-163.5	0.00	0.00	0.00
8,100.0	3.03	236.90	8,090.6	-194.1	-297.7	-166.0	0.00	0.00	0.00
8,200.0	3.03	236.90	8,190.5	-196.9	-302.1	-168.5	0.00	0.00	0.00
8,300.0	3.03	236.90	8,290.4	-199.8	-306.6	-171.0	0.00	0.00	0.00
8,400.0	3.03	236.90	8,390.2	-202.7	-311.0	-173.4	0.00	0.00	0.00
8,500.0	3.03	236.90	8,490.1	-205.6	-315.4	-175.9	0.00	0.00	0.00
8,600.0	3.03	236.90	8,589.9	-208.5	-319.8	-178.4	0.00	0.00	0.00
8,700.0	3.03	236.90	8,689.8	-211.4	-324.3	-180.8	0.00	0.00	0.00
8,800.0	3.03	236.90	8,789.7	-214.3	-328.7	-183.3	0.00	0.00	0.00
8,900.0	3.03	236.90	8,889.5	-217.1	-333.1	-185.8	0.00	0.00	0.00
9,000.0	3.03	236.90	8,989.4	-220.0	-337.6	-188.2	0.00	0.00	0.00
9,100.0	3.03	236.90	9,089.2	-222.9	-342.0	-190.7	0.00	0.00	0.00
9,200.0	3.03	236.90	9,189.1	-225.8	-346.4	-193.2	0.00	0.00	0.00
9,300.0	3.03	236.90	9,289.0	-228.7	-350.8	-195.6	0.00	0.00	0.00
9,400.0	3.03	236.90	9,388.8	-231.6	-355.3	-198.1	0.00	0.00	0.00
9,500.0	3.03	236.90	9,488.7	-234.5	-359.7	-200.6	0.00	0.00	0.00
9,600.0	3.03	236.90	9,588.5	-237.3	-364.1	-203.1	0.00	0.00	0.00
9,700.0	3.03	236.90	9,688.4	-240.2	-368.5	-205.5	0.00	0.00	0.00
9,800.0	3.03	236.90	9,788.3	-243.1	-373.0	-208.0	0.00	0.00	0.00
9,900.0	3.03	236.90	9,888.1	-246.0	-377.4	-210.5	0.00	0.00	0.00
10,000.0	3.03	236.90	9,988.0	-248.9	-381.8	-212.9	0.00	0.00	0.00
10,100.0	3.03	236.90	10,087.8	-251.8	-386.3	-215.4	0.00	0.00	0.00
10,200.0	3.03	236.90	10,187.7	-254.7	-390.7	-217.9	0.00	0.00	0.00
10,300.0	3.03	236.90	10,287.6	-257.6	-395.1	-220.3	0.00	0.00	0.00
10,400.0	3.03	236.90	10,387.4	-260.4	-399.5	-222.8	0.00	0.00	0.00
10,447.7	3.03	236.90	10,435.1	-261.8	-401.6	-224.0	0.00	0.00	0.00
10,500.0	1.98	236.90	10,487.3	-263.1	-403.6	-225.1	2.00	-2.00	0.00

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10,599.2	0.00	0.00	10,586.5	-264.0	-405.0	-225.9	2.00	-2.00	0.00
KOP(Adder 31 State #504H)									
10,625.0	3.09	359.53	10,612.3	-263.3	-405.0	-225.2	12.00	12.00	0.00
10,650.0	6.09	359.53	10,637.2	-261.3	-405.0	-223.2	12.00	12.00	0.00
10,675.0	9.09	359.53	10,662.0	-258.0	-405.0	-219.9	12.00	12.00	0.00
10,700.0	12.09	359.53	10,686.5	-253.4	-405.1	-215.3	12.00	12.00	0.00
10,725.0	15.09	359.53	10,710.8	-247.5	-405.1	-209.4	12.00	12.00	0.00
10,750.0	18.09	359.53	10,734.8	-240.4	-405.2	-202.3	12.00	12.00	0.00
10,775.0	21.09	359.53	10,758.3	-232.0	-405.3	-194.0	12.00	12.00	0.00
10,800.0	24.09	359.53	10,781.4	-222.4	-405.3	-184.4	12.00	12.00	0.00
10,825.0	27.09	359.53	10,804.0	-211.6	-405.4	-173.6	12.00	12.00	0.00
10,850.0	30.09	359.53	10,825.9	-199.6	-405.5	-161.7	12.00	12.00	0.00
10,875.0	33.09	359.53	10,847.2	-186.5	-405.6	-148.7	12.00	12.00	0.00
10,900.0	36.09	359.53	10,867.8	-172.4	-405.8	-134.5	12.00	12.00	0.00
10,925.0	39.09	359.53	10,887.6	-157.1	-405.9	-119.3	12.00	12.00	0.00
10,950.0	42.09	359.53	10,906.6	-140.8	-406.0	-103.1	12.00	12.00	0.00
10,975.0	45.09	359.53	10,924.7	-123.6	-406.1	-85.9	12.00	12.00	0.00
11,000.0	48.09	359.53	10,941.9	-105.4	-406.3	-67.8	12.00	12.00	0.00
FTP(Adder 31 State #504H)									
11,025.0	51.09	359.53	10,958.1	-86.4	-406.5	-48.9	12.00	12.00	0.00
11,050.0	54.09	359.53	10,973.2	-66.6	-406.6	-29.1	12.00	12.00	0.00
11,075.0	57.09	359.53	10,987.4	-45.9	-406.8	-8.5	12.00	12.00	0.00
11,100.0	60.09	359.53	11,000.4	-24.6	-407.0	12.7	12.00	12.00	0.00
11,125.0	63.09	359.53	11,012.3	-2.6	-407.1	34.6	12.00	12.00	0.00
11,150.0	66.09	359.53	11,023.0	20.0	-407.3	57.1	12.00	12.00	0.00
11,175.0	69.09	359.53	11,032.5	43.1	-407.5	80.2	12.00	12.00	0.00
11,200.0	72.09	359.53	11,040.8	66.7	-407.7	103.7	12.00	12.00	0.00
11,225.0	75.09	359.53	11,047.9	90.6	-407.9	127.6	12.00	12.00	0.00
11,250.0	78.09	359.53	11,053.7	115.0	-408.1	151.8	12.00	12.00	0.00
11,275.0	81.09	359.53	11,058.2	139.5	-408.3	176.3	12.00	12.00	0.00
11,300.0	84.09	359.53	11,061.4	164.3	-408.5	201.0	12.00	12.00	0.00
11,325.0	87.09	359.53	11,063.4	189.2	-408.7	225.8	12.00	12.00	0.00
11,349.2	90.00	359.53	11,064.0	213.4	-408.9	249.9	12.00	12.00	0.00
11,400.0	90.00	359.53	11,064.0	264.2	-409.3	300.6	0.00	0.00	0.00
11,500.0	90.00	359.53	11,064.0	364.2	-410.1	400.2	0.00	0.00	0.00
11,600.0	90.00	359.53	11,064.0	464.2	-411.0	499.9	0.00	0.00	0.00
11,700.0	90.00	359.53	11,064.0	564.2	-411.8	599.5	0.00	0.00	0.00
11,800.0	90.00	359.53	11,064.0	664.2	-412.6	699.2	0.00	0.00	0.00
11,900.0	90.00	359.53	11,064.0	764.2	-413.4	798.8	0.00	0.00	0.00
12,000.0	90.00	359.53	11,064.0	864.2	-414.2	898.5	0.00	0.00	0.00
12,100.0	90.00	359.53	11,064.0	964.2	-415.1	998.1	0.00	0.00	0.00
12,200.0	90.00	359.53	11,064.0	1,064.2	-415.9	1,097.8	0.00	0.00	0.00
12,300.0	90.00	359.53	11,064.0	1,164.2	-416.7	1,197.4	0.00	0.00	0.00
12,400.0	90.00	359.53	11,064.0	1,264.2	-417.5	1,297.1	0.00	0.00	0.00
12,500.0	90.00	359.53	11,064.0	1,364.2	-418.3	1,396.7	0.00	0.00	0.00
12,600.0	90.00	359.53	11,064.0	1,464.2	-419.1	1,496.4	0.00	0.00	0.00
12,700.0	90.00	359.53	11,064.0	1,564.2	-420.0	1,596.0	0.00	0.00	0.00
12,800.0	90.00	359.53	11,064.0	1,664.2	-420.8	1,695.7	0.00	0.00	0.00
12,900.0	90.00	359.53	11,064.0	1,764.2	-421.6	1,795.3	0.00	0.00	0.00
13,000.0	90.00	359.53	11,064.0	1,864.2	-422.4	1,895.0	0.00	0.00	0.00
13,100.0	90.00	359.53	11,064.0	1,964.2	-423.2	1,994.7	0.00	0.00	0.00
13,200.0	90.00	359.53	11,064.0	2,064.2	-424.1	2,094.3	0.00	0.00	0.00
13,300.0	90.00	359.53	11,064.0	2,164.2	-424.9	2,194.0	0.00	0.00	0.00
13,400.0	90.00	359.53	11,064.0	2,264.2	-425.7	2,293.6	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: #504H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #504H
TVD Reference: KB = 25 @ 3527.0usft
MD Reference: KB = 25 @ 3527.0usft
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)
13,500.0	90.00	359.53	11,064.0	2,364.2	-426.5	2,393.3	0.00	0.00	0.00
13,600.0	90.00	359.53	11,064.0	2,464.2	-427.3	2,492.9	0.00	0.00	0.00
13,700.0	90.00	359.53	11,064.0	2,564.2	-428.1	2,592.6	0.00	0.00	0.00
13,800.0	90.00	359.53	11,064.0	2,664.2	-429.0	2,692.2	0.00	0.00	0.00
13,900.0	90.00	359.53	11,064.0	2,764.2	-429.8	2,791.9	0.00	0.00	0.00
14,000.0	90.00	359.53	11,064.0	2,864.1	-430.6	2,891.5	0.00	0.00	0.00
14,100.0	90.00	359.53	11,064.0	2,964.1	-431.4	2,991.2	0.00	0.00	0.00
14,200.0	90.00	359.53	11,064.0	3,064.1	-432.2	3,090.8	0.00	0.00	0.00
14,300.0	90.00	359.53	11,064.0	3,164.1	-433.1	3,190.5	0.00	0.00	0.00
14,400.0	90.00	359.53	11,064.0	3,264.1	-433.9	3,290.1	0.00	0.00	0.00
14,500.0	90.00	359.53	11,064.0	3,364.1	-434.7	3,389.8	0.00	0.00	0.00
14,600.0	90.00	359.53	11,064.0	3,464.1	-435.5	3,489.4	0.00	0.00	0.00
14,700.0	90.00	359.53	11,064.0	3,564.1	-436.3	3,589.1	0.00	0.00	0.00
14,800.0	90.00	359.53	11,064.0	3,664.1	-437.2	3,688.7	0.00	0.00	0.00
14,900.0	90.00	359.53	11,064.0	3,764.1	-438.0	3,788.4	0.00	0.00	0.00
15,000.0	90.00	359.53	11,064.0	3,864.1	-438.8	3,888.0	0.00	0.00	0.00
15,100.0	90.00	359.53	11,064.0	3,964.1	-439.6	3,987.7	0.00	0.00	0.00
15,200.0	90.00	359.53	11,064.0	4,064.1	-440.4	4,087.4	0.00	0.00	0.00
15,300.0	90.00	359.53	11,064.0	4,164.1	-441.2	4,187.0	0.00	0.00	0.00
15,400.0	90.00	359.53	11,064.0	4,264.1	-442.1	4,286.7	0.00	0.00	0.00
15,500.0	90.00	359.53	11,064.0	4,364.1	-442.9	4,386.3	0.00	0.00	0.00
15,600.0	90.00	359.53	11,064.0	4,464.1	-443.7	4,486.0	0.00	0.00	0.00
15,700.0	90.00	359.53	11,064.0	4,564.1	-444.5	4,585.6	0.00	0.00	0.00
15,800.0	90.00	359.53	11,064.0	4,664.1	-445.3	4,685.3	0.00	0.00	0.00
15,900.0	90.00	359.53	11,064.0	4,764.1	-446.2	4,784.9	0.00	0.00	0.00
16,002.9	90.00	359.53	11,064.0	4,867.0	-447.0	4,887.5	0.00	0.00	0.00

PBHL(Adder 31 State #504H)

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 #504H) - hit/miss target - Shape - Point	0.00	0.00	10,586.5	-264.0	-405.0	425,249.00	765,007.00	32° 10' 1.281 N	103° 36' 37.749 W
PBHL(Adder 31 State #504H) - plan hits target center - Point	0.00	0.00	11,064.0	4,867.0	-447.0	430,380.00	764,965.00	32° 10' 52.057 N	103° 36' 37.837 W
FTP(Adder 31 State #504H) - plan misses target center by 163.4usft at 11000.0usft MD (10941.9 TVD, -105.4 N, -406.3 E) - Point	0.00	0.00	11,064.0	-214.0	-405.0	425,299.00	765,007.00	32° 10' 1.776 N	103° 36' 37.746 W