



## **EOG Resources - Midland**

**Lea County, NM (NAD 83 NME)**

**Adder 31 State**

**#505H**

**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: #505H  
 Wellbore: OH  
 Design: Plan #0.1

Local Co-ordinate Reference: Well #505H  
 TVD Reference: KB = 25 @ 3526.0usft  
 MD Reference: KB = 25 @ 3526.0usft  
 North Reference: Grid  
 Survey Calculation Method: Minimum Curvature

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

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

<b>Well</b>	#505H					
<b>Well Position</b>	<b>+N/-S</b>	0.0 usft	<b>Northing:</b>	425,513.00 usft	<b>Latitude:</b>	32° 10' 3.865 N
	<b>+E/-W</b>	33.0 usft	<b>Easting:</b>	765,445.00 usft	<b>Longitude:</b>	103° 36' 32.633 W
<b>Position Uncertainty</b>	0.0 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	3,501.0 usft	

<b>Wellbore</b>	OH					
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>	
	IGRF2015	3/11/2019	(°)	(°)	(nT)	
			6.78	59.98	47,722.30291526	

<b>Design</b>	Plan #0.1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	1.88

<b>Plan Survey Tool Program</b>	Date 3/11/2019			
<b>Depth From</b>	<b>Depth To</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>
(usft)	(usft)			
1	0.0	15,997.1 Plan #0.1 (OH)	MWD	
			OWSG MWD - Standard	

<b>Plan Sections</b>										
<b>Measured</b>	<b>Inclination</b>	<b>Azimuth</b>	<b>Vertical</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Dogleg</b>	<b>Build</b>	<b>Turn</b>	<b>TFO</b>	<b>Target</b>
<b>Depth</b>	(°)	(°)	<b>Depth</b>	(usft)	(usft)	<b>Rate</b>	<b>Rate</b>	<b>Rate</b>	(°)	
(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	
1,402.4	2.05	142.29	1,402.4	-1.4	1.1	2.00	2.00	0.00	142.29	
10,491.9	2.05	142.29	10,486.1	-258.6	199.9	0.00	0.00	0.00	0.00	
10,594.4	0.00	0.00	10,588.5	-260.0	201.0	2.00	-2.00	0.00	180.00	KOP(Adder 31 State)
11,344.4	90.00	359.54	11,066.0	217.4	197.2	12.00	12.00	-0.06	359.54	
15,997.1	90.00	359.54	11,066.0	4,870.0	160.0	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
1,402.4	2.05	142.29	1,402.4	-1.4	1.1	-1.4	2.00	2.00	0.00
1,500.0	2.05	142.29	1,499.9	-4.2	3.3	-4.1	0.00	0.00	0.00
1,600.0	2.05	142.29	1,599.9	-7.0	5.4	-6.9	0.00	0.00	0.00
1,700.0	2.05	142.29	1,699.8	-9.9	7.6	-9.6	0.00	0.00	0.00
1,800.0	2.05	142.29	1,799.7	-12.7	9.8	-12.4	0.00	0.00	0.00
1,900.0	2.05	142.29	1,899.7	-15.5	12.0	-15.1	0.00	0.00	0.00
2,000.0	2.05	142.29	1,999.6	-18.4	14.2	-17.9	0.00	0.00	0.00
2,100.0	2.05	142.29	2,099.5	-21.2	16.4	-20.6	0.00	0.00	0.00
2,200.0	2.05	142.29	2,199.5	-24.0	18.6	-23.4	0.00	0.00	0.00
2,300.0	2.05	142.29	2,299.4	-26.8	20.7	-26.1	0.00	0.00	0.00
2,400.0	2.05	142.29	2,399.3	-29.7	22.9	-28.9	0.00	0.00	0.00
2,500.0	2.05	142.29	2,499.3	-32.5	25.1	-31.7	0.00	0.00	0.00
2,600.0	2.05	142.29	2,599.2	-35.3	27.3	-34.4	0.00	0.00	0.00
2,700.0	2.05	142.29	2,699.1	-38.2	29.5	-37.2	0.00	0.00	0.00
2,800.0	2.05	142.29	2,799.1	-41.0	31.7	-39.9	0.00	0.00	0.00
2,900.0	2.05	142.29	2,899.0	-43.8	33.9	-42.7	0.00	0.00	0.00
3,000.0	2.05	142.29	2,999.0	-46.6	36.1	-45.4	0.00	0.00	0.00
3,100.0	2.05	142.29	3,098.9	-49.5	38.2	-48.2	0.00	0.00	0.00
3,200.0	2.05	142.29	3,198.8	-52.3	40.4	-50.9	0.00	0.00	0.00
3,300.0	2.05	142.29	3,298.8	-55.1	42.6	-53.7	0.00	0.00	0.00
3,400.0	2.05	142.29	3,398.7	-58.0	44.8	-56.4	0.00	0.00	0.00
3,500.0	2.05	142.29	3,498.6	-60.8	47.0	-59.2	0.00	0.00	0.00
3,600.0	2.05	142.29	3,598.6	-63.6	49.2	-62.0	0.00	0.00	0.00
3,700.0	2.05	142.29	3,698.5	-66.4	51.4	-64.7	0.00	0.00	0.00
3,800.0	2.05	142.29	3,798.4	-69.3	53.5	-67.5	0.00	0.00	0.00
3,900.0	2.05	142.29	3,898.4	-72.1	55.7	-70.2	0.00	0.00	0.00
4,000.0	2.05	142.29	3,998.3	-74.9	57.9	-73.0	0.00	0.00	0.00
4,100.0	2.05	142.29	4,098.3	-77.8	60.1	-75.7	0.00	0.00	0.00
4,200.0	2.05	142.29	4,198.2	-80.6	62.3	-78.5	0.00	0.00	0.00
4,300.0	2.05	142.29	4,298.1	-83.4	64.5	-81.2	0.00	0.00	0.00
4,400.0	2.05	142.29	4,398.1	-86.2	66.7	-84.0	0.00	0.00	0.00
4,500.0	2.05	142.29	4,498.0	-89.1	68.9	-86.8	0.00	0.00	0.00
4,600.0	2.05	142.29	4,597.9	-91.9	71.0	-89.5	0.00	0.00	0.00
4,700.0	2.05	142.29	4,697.9	-94.7	73.2	-92.3	0.00	0.00	0.00
4,800.0	2.05	142.29	4,797.8	-97.6	75.4	-95.0	0.00	0.00	0.00
4,900.0	2.05	142.29	4,897.7	-100.4	77.6	-97.8	0.00	0.00	0.00
5,000.0	2.05	142.29	4,997.7	-103.2	79.8	-100.5	0.00	0.00	0.00
5,100.0	2.05	142.29	5,097.6	-106.0	82.0	-103.3	0.00	0.00	0.00
5,200.0	2.05	142.29	5,197.6	-108.9	84.2	-106.0	0.00	0.00	0.00
5,300.0	2.05	142.29	5,297.5	-111.7	86.3	-108.8	0.00	0.00	0.00



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5,400.0	2.05	142.29	5,397.4	-114.5	88.5	-111.6	0.00	0.00	0.00
5,500.0	2.05	142.29	5,497.4	-117.4	90.7	-114.3	0.00	0.00	0.00
5,600.0	2.05	142.29	5,597.3	-120.2	92.9	-117.1	0.00	0.00	0.00
5,700.0	2.05	142.29	5,697.2	-123.0	95.1	-119.8	0.00	0.00	0.00
5,800.0	2.05	142.29	5,797.2	-125.8	97.3	-122.6	0.00	0.00	0.00
5,900.0	2.05	142.29	5,897.1	-128.7	99.5	-125.3	0.00	0.00	0.00
6,000.0	2.05	142.29	5,997.0	-131.5	101.7	-128.1	0.00	0.00	0.00
6,100.0	2.05	142.29	6,097.0	-134.3	103.8	-130.8	0.00	0.00	0.00
6,200.0	2.05	142.29	6,196.9	-137.2	106.0	-133.6	0.00	0.00	0.00
6,300.0	2.05	142.29	6,296.8	-140.0	108.2	-136.4	0.00	0.00	0.00
6,400.0	2.05	142.29	6,396.8	-142.8	110.4	-139.1	0.00	0.00	0.00
6,500.0	2.05	142.29	6,496.7	-145.6	112.6	-141.9	0.00	0.00	0.00
6,600.0	2.05	142.29	6,596.7	-148.5	114.8	-144.6	0.00	0.00	0.00
6,700.0	2.05	142.29	6,696.6	-151.3	117.0	-147.4	0.00	0.00	0.00
6,800.0	2.05	142.29	6,796.5	-154.1	119.1	-150.1	0.00	0.00	0.00
6,900.0	2.05	142.29	6,896.5	-157.0	121.3	-152.9	0.00	0.00	0.00
7,000.0	2.05	142.29	6,996.4	-159.8	123.5	-155.6	0.00	0.00	0.00
7,100.0	2.05	142.29	7,096.3	-162.6	125.7	-158.4	0.00	0.00	0.00
7,200.0	2.05	142.29	7,196.3	-165.4	127.9	-161.1	0.00	0.00	0.00
7,300.0	2.05	142.29	7,296.2	-168.3	130.1	-163.9	0.00	0.00	0.00
7,400.0	2.05	142.29	7,396.1	-171.1	132.3	-166.7	0.00	0.00	0.00
7,500.0	2.05	142.29	7,496.1	-173.9	134.5	-169.4	0.00	0.00	0.00
7,600.0	2.05	142.29	7,596.0	-176.8	136.6	-172.2	0.00	0.00	0.00
7,700.0	2.05	142.29	7,696.0	-179.6	138.8	-174.9	0.00	0.00	0.00
7,800.0	2.05	142.29	7,795.9	-182.4	141.0	-177.7	0.00	0.00	0.00
7,900.0	2.05	142.29	7,895.8	-185.2	143.2	-180.4	0.00	0.00	0.00
8,000.0	2.05	142.29	7,995.8	-188.1	145.4	-183.2	0.00	0.00	0.00
8,100.0	2.05	142.29	8,095.7	-190.9	147.6	-185.9	0.00	0.00	0.00
8,200.0	2.05	142.29	8,195.6	-193.7	149.8	-188.7	0.00	0.00	0.00
8,300.0	2.05	142.29	8,295.6	-196.6	151.9	-191.5	0.00	0.00	0.00
8,400.0	2.05	142.29	8,395.5	-199.4	154.1	-194.2	0.00	0.00	0.00
8,500.0	2.05	142.29	8,495.4	-202.2	156.3	-197.0	0.00	0.00	0.00
8,600.0	2.05	142.29	8,595.4	-205.0	158.5	-199.7	0.00	0.00	0.00
8,700.0	2.05	142.29	8,695.3	-207.9	160.7	-202.5	0.00	0.00	0.00
8,800.0	2.05	142.29	8,795.2	-210.7	162.9	-205.2	0.00	0.00	0.00
8,900.0	2.05	142.29	8,895.2	-213.5	165.1	-208.0	0.00	0.00	0.00
9,000.0	2.05	142.29	8,995.1	-216.4	167.3	-210.7	0.00	0.00	0.00
9,100.0	2.05	142.29	9,095.1	-219.2	169.4	-213.5	0.00	0.00	0.00
9,200.0	2.05	142.29	9,195.0	-222.0	171.6	-216.3	0.00	0.00	0.00
9,300.0	2.05	142.29	9,294.9	-224.8	173.8	-219.0	0.00	0.00	0.00
9,400.0	2.05	142.29	9,394.9	-227.7	176.0	-221.8	0.00	0.00	0.00
9,500.0	2.05	142.29	9,494.8	-230.5	178.2	-224.5	0.00	0.00	0.00
9,600.0	2.05	142.29	9,594.7	-233.3	180.4	-227.3	0.00	0.00	0.00
9,700.0	2.05	142.29	9,694.7	-236.2	182.6	-230.0	0.00	0.00	0.00
9,800.0	2.05	142.29	9,794.6	-239.0	184.7	-232.8	0.00	0.00	0.00
9,900.0	2.05	142.29	9,894.5	-241.8	186.9	-235.5	0.00	0.00	0.00
10,000.0	2.05	142.29	9,994.5	-244.6	189.1	-238.3	0.00	0.00	0.00
10,100.0	2.05	142.29	10,094.4	-247.5	191.3	-241.1	0.00	0.00	0.00
10,200.0	2.05	142.29	10,194.4	-250.3	193.5	-243.8	0.00	0.00	0.00
10,300.0	2.05	142.29	10,294.3	-253.1	195.7	-246.6	0.00	0.00	0.00
10,400.0	2.05	142.29	10,394.2	-256.0	197.9	-249.3	0.00	0.00	0.00
10,491.9	2.05	142.29	10,486.1	-258.6	199.9	-251.8	0.00	0.00	0.00
10,500.0	1.89	142.29	10,494.2	-258.8	200.0	-252.1	2.00	-2.00	0.00
10,594.4	0.00	0.00	10,588.5	-260.0	201.0	-253.3	2.00	-2.00	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)
<b>KOP(Adder 31 State #505H)</b>									
10,600.0	0.68	359.54	10,594.1	-260.0	201.0	-253.2	12.00	12.00	0.00
10,625.0	3.68	359.54	10,619.1	-259.0	201.0	-252.3	12.00	12.00	0.00
10,650.0	6.68	359.54	10,644.0	-256.8	201.0	-250.0	12.00	12.00	0.00
10,675.0	9.68	359.54	10,668.8	-253.2	200.9	-246.5	12.00	12.00	0.00
10,700.0	12.68	359.54	10,693.3	-248.4	200.9	-241.6	12.00	12.00	0.00
10,725.0	15.68	359.54	10,717.5	-242.2	200.9	-235.5	12.00	12.00	0.00
10,750.0	18.68	359.54	10,741.4	-234.9	200.8	-228.1	12.00	12.00	0.00
10,775.0	21.68	359.54	10,764.9	-226.2	200.7	-219.5	12.00	12.00	0.00
10,800.0	24.68	359.54	10,787.8	-216.4	200.7	-209.7	12.00	12.00	0.00
10,825.0	27.68	359.54	10,810.3	-205.4	200.6	-198.7	12.00	12.00	0.00
10,850.0	30.68	359.54	10,832.1	-193.2	200.5	-186.5	12.00	12.00	0.00
10,875.0	33.68	359.54	10,853.3	-179.9	200.4	-173.2	12.00	12.00	0.00
10,900.0	36.68	359.54	10,873.7	-165.5	200.2	-158.8	12.00	12.00	0.00
10,925.0	39.68	359.54	10,893.3	-150.0	200.1	-143.4	12.00	12.00	0.00
10,950.0	42.68	359.54	10,912.2	-133.6	200.0	-126.9	12.00	12.00	0.00
10,975.0	45.68	359.54	10,930.1	-116.1	199.9	-109.5	12.00	12.00	0.00
10,998.5	48.50	359.54	10,946.1	-98.9	199.7	-92.3	12.00	12.00	0.00
<b>FTP(Adder 31 State #505H)</b>									
11,000.0	48.68	359.54	10,947.1	-97.8	199.7	-91.2	12.00	12.00	0.00
11,025.0	51.68	359.54	10,963.1	-78.6	199.6	-72.0	12.00	12.00	0.00
11,050.0	54.68	359.54	10,978.1	-58.6	199.4	-52.0	12.00	12.00	0.00
11,075.0	57.68	359.54	10,992.0	-37.8	199.2	-31.3	12.00	12.00	0.00
11,100.0	60.68	359.54	11,004.8	-16.4	199.1	-9.8	12.00	12.00	0.00
11,125.0	63.68	359.54	11,016.5	5.7	198.9	12.3	12.00	12.00	0.00
11,150.0	66.68	359.54	11,027.0	28.4	198.7	34.9	12.00	12.00	0.00
11,175.0	69.68	359.54	11,036.2	51.6	198.5	58.1	12.00	12.00	0.00
11,200.0	72.68	359.54	11,044.3	75.3	198.3	81.8	12.00	12.00	0.00
11,225.0	75.68	359.54	11,051.1	99.3	198.1	105.8	12.00	12.00	0.00
11,250.0	78.68	359.54	11,056.7	123.7	197.9	130.1	12.00	12.00	0.00
11,275.0	81.68	359.54	11,060.9	148.3	197.7	154.8	12.00	12.00	0.00
11,300.0	84.68	359.54	11,063.9	173.2	197.5	179.6	12.00	12.00	0.00
11,325.0	87.68	359.54	11,065.6	198.1	197.3	204.5	12.00	12.00	0.00
11,344.4	90.00	359.54	11,066.0	217.4	197.2	223.8	12.00	12.00	0.00
11,400.0	90.00	359.54	11,066.0	273.1	196.7	279.4	0.00	0.00	0.00
11,500.0	90.00	359.54	11,066.0	373.1	195.9	379.3	0.00	0.00	0.00
11,600.0	90.00	359.54	11,066.0	473.1	195.1	479.2	0.00	0.00	0.00
11,700.0	90.00	359.54	11,066.0	573.1	194.3	579.2	0.00	0.00	0.00
11,800.0	90.00	359.54	11,066.0	673.1	193.5	679.1	0.00	0.00	0.00
11,900.0	90.00	359.54	11,066.0	773.1	192.7	779.0	0.00	0.00	0.00
12,000.0	90.00	359.54	11,066.0	873.1	191.9	878.9	0.00	0.00	0.00
12,100.0	90.00	359.54	11,066.0	973.1	191.1	978.8	0.00	0.00	0.00
12,200.0	90.00	359.54	11,066.0	1,073.1	190.3	1,078.7	0.00	0.00	0.00
12,300.0	90.00	359.54	11,066.0	1,173.1	189.5	1,178.7	0.00	0.00	0.00
12,400.0	90.00	359.54	11,066.0	1,273.1	188.7	1,278.6	0.00	0.00	0.00
12,500.0	90.00	359.54	11,066.0	1,373.1	187.9	1,378.5	0.00	0.00	0.00
12,600.0	90.00	359.54	11,066.0	1,473.1	187.1	1,478.4	0.00	0.00	0.00
12,700.0	90.00	359.54	11,066.0	1,573.1	186.3	1,578.3	0.00	0.00	0.00
12,800.0	90.00	359.54	11,066.0	1,673.0	185.6	1,678.2	0.00	0.00	0.00
12,900.0	90.00	359.54	11,066.0	1,773.0	184.8	1,778.2	0.00	0.00	0.00
13,000.0	90.00	359.54	11,066.0	1,873.0	184.0	1,878.1	0.00	0.00	0.00
13,100.0	90.00	359.54	11,066.0	1,973.0	183.2	1,978.0	0.00	0.00	0.00
13,200.0	90.00	359.54	11,066.0	2,073.0	182.4	2,077.9	0.00	0.00	0.00
13,300.0	90.00	359.54	11,066.0	2,173.0	181.6	2,177.8	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14  
 Company: EOG Resources - Midland  
 Project: Lea County, NM (NAD 83 NME)  
 Site: Adder 31 State  
 Well: #505H  
 Wellbore: OH  
 Design: Plan #0.1

Local Co-ordinate Reference: Well #505H  
 TVD Reference: KB = 25 @ 3526.0usft  
 MD Reference: KB = 25 @ 3526.0usft  
 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)
13,400.0	90.00	359.54	11,066.0	2,273.0	180.8	2,277.7	0.00	0.00	0.00
13,500.0	90.00	359.54	11,066.0	2,373.0	180.0	2,377.7	0.00	0.00	0.00
13,600.0	90.00	359.54	11,066.0	2,473.0	179.2	2,477.6	0.00	0.00	0.00
13,700.0	90.00	359.54	11,066.0	2,573.0	178.4	2,577.5	0.00	0.00	0.00
13,800.0	90.00	359.54	11,066.0	2,673.0	177.6	2,677.4	0.00	0.00	0.00
13,900.0	90.00	359.54	11,066.0	2,773.0	176.8	2,777.3	0.00	0.00	0.00
14,000.0	90.00	359.54	11,066.0	2,873.0	176.0	2,877.2	0.00	0.00	0.00
14,100.0	90.00	359.54	11,066.0	2,973.0	175.2	2,977.2	0.00	0.00	0.00
14,200.0	90.00	359.54	11,066.0	3,073.0	174.4	3,077.1	0.00	0.00	0.00
14,300.0	90.00	359.54	11,066.0	3,173.0	173.6	3,177.0	0.00	0.00	0.00
14,400.0	90.00	359.54	11,066.0	3,273.0	172.8	3,276.9	0.00	0.00	0.00
14,500.0	90.00	359.54	11,066.0	3,373.0	172.0	3,376.8	0.00	0.00	0.00
14,600.0	90.00	359.54	11,066.0	3,473.0	171.2	3,476.7	0.00	0.00	0.00
14,700.0	90.00	359.54	11,066.0	3,573.0	170.4	3,576.7	0.00	0.00	0.00
14,800.0	90.00	359.54	11,066.0	3,673.0	169.6	3,676.6	0.00	0.00	0.00
14,900.0	90.00	359.54	11,066.0	3,773.0	168.8	3,776.5	0.00	0.00	0.00
15,000.0	90.00	359.54	11,066.0	3,873.0	168.0	3,876.4	0.00	0.00	0.00
15,100.0	90.00	359.54	11,066.0	3,973.0	167.2	3,976.3	0.00	0.00	0.00
15,200.0	90.00	359.54	11,066.0	4,073.0	166.4	4,076.2	0.00	0.00	0.00
15,300.0	90.00	359.54	11,066.0	4,173.0	165.6	4,176.2	0.00	0.00	0.00
15,400.0	90.00	359.54	11,066.0	4,273.0	164.8	4,276.1	0.00	0.00	0.00
15,500.0	90.00	359.54	11,066.0	4,373.0	164.0	4,376.0	0.00	0.00	0.00
15,600.0	90.00	359.54	11,066.0	4,473.0	163.2	4,475.9	0.00	0.00	0.00
15,700.0	90.00	359.54	11,066.0	4,573.0	162.4	4,575.8	0.00	0.00	0.00
15,800.0	90.00	359.54	11,066.0	4,673.0	161.6	4,675.7	0.00	0.00	0.00
15,900.0	90.00	359.54	11,066.0	4,772.9	160.8	4,775.7	0.00	0.00	0.00
15,997.1	90.00	359.54	11,066.0	4,870.0	160.0	4,872.6	0.00	0.00	0.00

PBHL(Adder 31 State #505H)

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 #505H) - plan hits target center - Point	0.00	0.00	10,588.5	-260.0	201.0	425,253.00	765,646.00	32° 10' 1.278 N	103° 36' 30.315 W
PBHL(Adder 31 State #505H) - plan hits target center - Point	0.00	0.00	11,066.0	4,870.0	160.0	430,383.00	765,605.00	32° 10' 52.044 N	103° 36' 30.390 W
FTP(Adder 31 State #505H) - plan misses target center by 163.5usft at 10998.5usft MD (10946.1 TVD, -98.9 N, 199.7 E) - Point	0.00	0.00	11,066.0	-210.0	201.0	425,303.00	765,646.00	32° 10' 1.773 N	103° 36' 30.311 W