



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Quijote 2 State State Com

#506H

OH

Plan: Plan #0.1

Standard Planning Report

29 May, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #506H
Company:	EOG Resources - Midland	TVD Reference:	KB=25 @ 3355.0usft (Training Rig)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB=25 @ 3355.0usft (Training Rig)
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#506H	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	Quijote 2 State State Com			
Site Position:		Northing:	393,067.00 usft	Latitude: 32° 4' 43.401 N
From: Map		Easting:	756,153.00 usft	Longitude: 103° 38' 23.163 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.37 °

Well	#506H			
Well Position	+N/-S	-8.0 usft	Northing:	393,059.00 usft
	+E/-W	-1,244.0 usft	Easting:	754,909.00 usft
Position Uncertainty		0.0 usft	Wellhead Elevation:	Ground Level: 3,330.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/29/2019	6.77	59.89	47,645.02581192

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	182.42

Plan Survey Tool Program	Date	5/29/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,811.8 Plan #0.1 (OH)	MWD	
			OWSG MWD - Standard	

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	
700.0	0.00	0.00	700.0	0.0	0.0	0.00	0.00	0.00	0.00	
886.3	3.73	315.66	886.2	4.3	-4.2	2.00	2.00	0.00	315.66	
7,327.6	3.73	315.66	7,313.8	303.7	-296.8	0.00	0.00	0.00	0.00	
7,513.9	0.00	0.00	7,500.0	308.0	-301.0	2.00	-2.00	0.00	180.00	
10,339.4	0.00	0.00	10,325.5	308.0	-301.0	0.00	0.00	0.00	0.00	KOP[Quijote 2 State (
11,089.4	90.00	178.96	10,803.0	-169.4	-292.4	12.00	12.00	23.86	178.96	
15,811.8	90.00	178.96	10,803.0	-4,891.0	-207.0	0.00	0.00	0.00	0.00	PBHL[Quijote 2 State

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Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#506H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	2.00	315.66	800.0	1.2	-1.2	-1.2	2.00	2.00	0.00
886.3	3.73	315.66	886.2	4.3	-4.2	-4.1	2.00	2.00	0.00
900.0	3.73	315.66	899.8	5.0	-4.9	-4.8	0.00	0.00	0.00
1,000.0	3.73	315.66	999.6	9.6	-9.4	-9.2	0.00	0.00	0.00
1,100.0	3.73	315.66	1,099.4	14.3	-13.9	-13.7	0.00	0.00	0.00
1,200.0	3.73	315.66	1,199.2	18.9	-18.5	-18.1	0.00	0.00	0.00
1,300.0	3.73	315.66	1,299.0	23.6	-23.0	-22.6	0.00	0.00	0.00
1,400.0	3.73	315.66	1,398.8	28.2	-27.6	-27.0	0.00	0.00	0.00
1,500.0	3.73	315.66	1,498.6	32.9	-32.1	-31.5	0.00	0.00	0.00
1,600.0	3.73	315.66	1,598.4	37.5	-36.6	-35.9	0.00	0.00	0.00
1,700.0	3.73	315.66	1,698.1	42.1	-41.2	-40.4	0.00	0.00	0.00
1,800.0	3.73	315.66	1,797.9	46.8	-45.7	-44.8	0.00	0.00	0.00
1,900.0	3.73	315.66	1,897.7	51.4	-50.3	-49.3	0.00	0.00	0.00
2,000.0	3.73	315.66	1,997.5	56.1	-54.8	-53.7	0.00	0.00	0.00
2,100.0	3.73	315.66	2,097.3	60.7	-59.4	-58.2	0.00	0.00	0.00
2,200.0	3.73	315.66	2,197.1	65.4	-63.9	-62.6	0.00	0.00	0.00
2,300.0	3.73	315.66	2,296.9	70.0	-68.4	-67.1	0.00	0.00	0.00
2,400.0	3.73	315.66	2,396.7	74.7	-73.0	-71.5	0.00	0.00	0.00
2,500.0	3.73	315.66	2,496.5	79.3	-77.5	-76.0	0.00	0.00	0.00
2,600.0	3.73	315.66	2,596.2	84.0	-82.1	-80.4	0.00	0.00	0.00
2,700.0	3.73	315.66	2,696.0	88.6	-86.6	-84.9	0.00	0.00	0.00
2,800.0	3.73	315.66	2,795.8	93.3	-91.1	-89.3	0.00	0.00	0.00
2,900.0	3.73	315.66	2,895.6	97.9	-95.7	-93.8	0.00	0.00	0.00
3,000.0	3.73	315.66	2,995.4	102.6	-100.2	-98.2	0.00	0.00	0.00
3,100.0	3.73	315.66	3,095.2	107.2	-104.8	-102.7	0.00	0.00	0.00
3,200.0	3.73	315.66	3,195.0	111.9	-109.3	-107.1	0.00	0.00	0.00
3,300.0	3.73	315.66	3,294.8	116.5	-113.9	-111.6	0.00	0.00	0.00
3,400.0	3.73	315.66	3,394.6	121.1	-118.4	-116.0	0.00	0.00	0.00
3,500.0	3.73	315.66	3,494.3	125.8	-122.9	-120.5	0.00	0.00	0.00
3,600.0	3.73	315.66	3,594.1	130.4	-127.5	-124.9	0.00	0.00	0.00
3,700.0	3.73	315.66	3,693.9	135.1	-132.0	-129.4	0.00	0.00	0.00
3,800.0	3.73	315.66	3,793.7	139.7	-136.6	-133.8	0.00	0.00	0.00
3,900.0	3.73	315.66	3,893.5	144.4	-141.1	-138.3	0.00	0.00	0.00
4,000.0	3.73	315.66	3,993.3	149.0	-145.6	-142.7	0.00	0.00	0.00
4,100.0	3.73	315.66	4,093.1	153.7	-150.2	-147.2	0.00	0.00	0.00
4,200.0	3.73	315.66	4,192.9	158.3	-154.7	-151.6	0.00	0.00	0.00
4,300.0	3.73	315.66	4,292.7	163.0	-159.3	-156.1	0.00	0.00	0.00
4,400.0	3.73	315.66	4,392.4	167.6	-163.8	-160.5	0.00	0.00	0.00
4,500.0	3.73	315.66	4,492.2	172.3	-168.4	-165.0	0.00	0.00	0.00
4,600.0	3.73	315.66	4,592.0	176.9	-172.9	-169.4	0.00	0.00	0.00
4,700.0	3.73	315.66	4,691.8	181.6	-177.4	-173.9	0.00	0.00	0.00
4,800.0	3.73	315.66	4,791.6	186.2	-182.0	-178.3	0.00	0.00	0.00
4,900.0	3.73	315.66	4,891.4	190.9	-186.5	-182.8	0.00	0.00	0.00
5,000.0	3.73	315.66	4,991.2	195.5	-191.1	-187.2	0.00	0.00	0.00
5,100.0	3.73	315.66	5,091.0	200.1	-195.6	-191.7	0.00	0.00	0.00
5,200.0	3.73	315.66	5,190.8	204.8	-200.1	-196.2	0.00	0.00	0.00

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Well:	#506H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	3.73	315.66	5,290.5	209.4	-204.7	-200.6	0.00	0.00	0.00
5,400.0	3.73	315.66	5,390.3	214.1	-209.2	-205.1	0.00	0.00	0.00
5,500.0	3.73	315.66	5,490.1	218.7	-213.8	-209.5	0.00	0.00	0.00
5,600.0	3.73	315.66	5,589.9	223.4	-218.3	-214.0	0.00	0.00	0.00
5,700.0	3.73	315.66	5,689.7	228.0	-222.9	-218.4	0.00	0.00	0.00
5,800.0	3.73	315.66	5,789.5	232.7	-227.4	-222.9	0.00	0.00	0.00
5,900.0	3.73	315.66	5,889.3	237.3	-231.9	-227.3	0.00	0.00	0.00
6,000.0	3.73	315.66	5,989.1	242.0	-236.5	-231.8	0.00	0.00	0.00
6,100.0	3.73	315.66	6,088.9	246.6	-241.0	-236.2	0.00	0.00	0.00
6,200.0	3.73	315.66	6,188.6	251.3	-245.6	-240.7	0.00	0.00	0.00
6,300.0	3.73	315.66	6,288.4	255.9	-250.1	-245.1	0.00	0.00	0.00
6,400.0	3.73	315.66	6,388.2	260.6	-254.6	-249.6	0.00	0.00	0.00
6,500.0	3.73	315.66	6,488.0	265.2	-259.2	-254.0	0.00	0.00	0.00
6,600.0	3.73	315.66	6,587.8	269.9	-263.7	-258.5	0.00	0.00	0.00
6,700.0	3.73	315.66	6,687.6	274.5	-268.3	-262.9	0.00	0.00	0.00
6,800.0	3.73	315.66	6,787.4	279.2	-272.8	-267.4	0.00	0.00	0.00
6,900.0	3.73	315.66	6,887.2	283.8	-277.3	-271.8	0.00	0.00	0.00
7,000.0	3.73	315.66	6,986.9	288.4	-281.9	-276.3	0.00	0.00	0.00
7,100.0	3.73	315.66	7,086.7	293.1	-286.4	-280.7	0.00	0.00	0.00
7,200.0	3.73	315.66	7,186.5	297.7	-291.0	-285.2	0.00	0.00	0.00
7,300.0	3.73	315.66	7,286.3	302.4	-295.5	-289.6	0.00	0.00	0.00
7,327.6	3.73	315.66	7,313.8	303.7	-296.8	-290.8	0.00	0.00	0.00
7,400.0	2.28	315.66	7,386.2	306.4	-299.4	-293.4	2.00	-2.00	0.00
7,500.0	0.28	315.66	7,486.1	308.0	-301.0	-295.0	2.00	-2.00	0.00
7,513.9	0.00	0.00	7,500.0	308.0	-301.0	-295.0	2.00	-2.00	0.00
7,600.0	0.00	0.00	7,586.1	308.0	-301.0	-295.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,686.1	308.0	-301.0	-295.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,786.1	308.0	-301.0	-295.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,886.1	308.0	-301.0	-295.0	0.00	0.00	0.00
8,000.0	0.00	0.00	7,986.1	308.0	-301.0	-295.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,086.1	308.0	-301.0	-295.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,186.1	308.0	-301.0	-295.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,286.1	308.0	-301.0	-295.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,386.1	308.0	-301.0	-295.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,486.1	308.0	-301.0	-295.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,586.1	308.0	-301.0	-295.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,686.1	308.0	-301.0	-295.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,786.1	308.0	-301.0	-295.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,886.1	308.0	-301.0	-295.0	0.00	0.00	0.00
9,000.0	0.00	0.00	8,986.1	308.0	-301.0	-295.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,086.1	308.0	-301.0	-295.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,186.1	308.0	-301.0	-295.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,286.1	308.0	-301.0	-295.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,386.1	308.0	-301.0	-295.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,486.1	308.0	-301.0	-295.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,586.1	308.0	-301.0	-295.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,686.1	308.0	-301.0	-295.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,786.1	308.0	-301.0	-295.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,886.1	308.0	-301.0	-295.0	0.00	0.00	0.00
10,000.0	0.00	0.00	9,986.1	308.0	-301.0	-295.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,086.1	308.0	-301.0	-295.0	0.00	0.00	0.00
10,200.0	0.00	0.00	10,186.1	308.0	-301.0	-295.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,286.1	308.0	-301.0	-295.0	0.00	0.00	0.00
10,339.4	0.00	0.00	10,325.5	308.0	-301.0	-295.0	0.00	0.00	0.00

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Well:	#506H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
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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)
10,350.0	1.27	178.96	10,336.1	307.9	-301.0	-294.9	12.00	12.00	0.00
10,375.0	4.27	178.96	10,361.1	306.7	-301.0	-293.7	12.00	12.00	0.00
10,400.0	7.27	178.96	10,386.0	304.2	-300.9	-291.2	12.00	12.00	0.00
10,425.0	10.27	178.96	10,410.7	300.3	-300.9	-287.4	12.00	12.00	0.00
10,450.0	13.27	178.96	10,435.1	295.2	-300.8	-282.3	12.00	12.00	0.00
10,475.0	16.27	178.96	10,459.3	288.9	-300.7	-275.9	12.00	12.00	0.00
10,500.0	19.27	178.96	10,483.1	281.2	-300.5	-268.3	12.00	12.00	0.00
10,525.0	22.27	178.96	10,506.5	272.4	-300.4	-259.4	12.00	12.00	0.00
10,550.0	25.27	178.96	10,529.4	262.3	-300.2	-249.4	12.00	12.00	0.00
10,575.0	28.27	178.96	10,551.7	251.0	-300.0	-238.1	12.00	12.00	0.00
10,600.0	31.27	178.96	10,573.4	238.6	-299.7	-225.7	12.00	12.00	0.00
10,625.0	34.27	178.96	10,594.4	225.1	-299.5	-212.2	12.00	12.00	0.00
10,650.0	37.27	178.96	10,614.7	210.5	-299.2	-197.6	12.00	12.00	0.00
10,675.0	40.27	178.96	10,634.2	194.8	-299.0	-182.0	12.00	12.00	0.00
10,700.0	43.27	178.96	10,652.8	178.2	-298.7	-165.4	12.00	12.00	0.00
10,725.0	46.27	178.96	10,670.5	160.6	-298.3	-147.8	12.00	12.00	0.00
10,750.0	49.27	178.96	10,687.3	142.1	-298.0	-129.3	12.00	12.00	0.00
10,775.0	52.27	178.96	10,703.2	122.7	-297.6	-110.0	12.00	12.00	0.00
10,800.0	55.27	178.96	10,717.9	102.6	-297.3	-89.9	12.00	12.00	0.00
10,825.0	58.27	178.96	10,731.6	81.6	-296.9	-69.0	12.00	12.00	0.00
10,850.0	61.27	178.96	10,744.2	60.0	-296.5	-47.5	12.00	12.00	0.00
10,875.0	64.27	178.96	10,755.6	37.8	-296.1	-25.3	12.00	12.00	0.00
10,900.0	67.27	178.96	10,765.9	15.0	-295.7	-2.5	12.00	12.00	0.00
10,925.0	70.27	178.96	10,774.9	-8.3	-295.3	20.7	12.00	12.00	0.00
10,950.0	73.27	178.96	10,782.8	-32.0	-294.9	44.4	12.00	12.00	0.00
10,975.0	76.27	178.96	10,789.3	-56.1	-294.4	68.5	12.00	12.00	0.00
11,000.0	79.27	178.96	10,794.6	-80.5	-294.0	92.9	12.00	12.00	0.00
11,025.0	82.27	178.96	10,798.6	-105.2	-293.5	117.5	12.00	12.00	0.00
11,050.0	85.27	178.96	10,801.3	-130.1	-293.1	142.3	12.00	12.00	0.00
11,075.0	88.27	178.96	10,802.7	-155.0	-292.6	167.3	12.00	12.00	0.00
11,089.4	90.00	178.96	10,803.0	-169.4	-292.4	181.6	12.00	12.00	0.00
11,100.0	90.00	178.96	10,803.0	-180.0	-292.2	192.2	0.00	0.00	0.00
11,200.0	90.00	178.96	10,803.0	-280.0	-290.4	292.0	0.00	0.00	0.00
11,300.0	90.00	178.96	10,803.0	-380.0	-288.6	391.8	0.00	0.00	0.00
11,400.0	90.00	178.96	10,803.0	-480.0	-286.8	491.7	0.00	0.00	0.00
11,500.0	90.00	178.96	10,803.0	-579.9	-284.9	591.5	0.00	0.00	0.00
11,600.0	90.00	178.96	10,803.0	-679.9	-283.1	691.3	0.00	0.00	0.00
11,700.0	90.00	178.96	10,803.0	-779.9	-281.3	791.1	0.00	0.00	0.00
11,800.0	90.00	178.96	10,803.0	-879.9	-279.5	890.9	0.00	0.00	0.00
11,900.0	90.00	178.96	10,803.0	-979.9	-277.7	990.7	0.00	0.00	0.00
12,000.0	90.00	178.96	10,803.0	-1,079.9	-275.9	1,090.6	0.00	0.00	0.00
12,100.0	90.00	178.96	10,803.0	-1,179.8	-274.1	1,190.4	0.00	0.00	0.00
12,200.0	90.00	178.96	10,803.0	-1,279.8	-272.3	1,290.2	0.00	0.00	0.00
12,300.0	90.00	178.96	10,803.0	-1,379.8	-270.5	1,390.0	0.00	0.00	0.00
12,400.0	90.00	178.96	10,803.0	-1,479.8	-268.7	1,489.8	0.00	0.00	0.00
12,500.0	90.00	178.96	10,803.0	-1,579.8	-266.9	1,589.7	0.00	0.00	0.00
12,600.0	90.00	178.96	10,803.0	-1,679.8	-265.1	1,689.5	0.00	0.00	0.00
12,700.0	90.00	178.96	10,803.0	-1,779.7	-263.3	1,789.3	0.00	0.00	0.00
12,800.0	90.00	178.96	10,803.0	-1,879.7	-261.4	1,889.1	0.00	0.00	0.00
12,900.0	90.00	178.96	10,803.0	-1,979.7	-259.6	1,988.9	0.00	0.00	0.00
13,000.0	90.00	178.96	10,803.0	-2,079.7	-257.8	2,088.7	0.00	0.00	0.00
13,100.0	90.00	178.96	10,803.0	-2,179.7	-256.0	2,188.6	0.00	0.00	0.00
13,200.0	90.00	178.96	10,803.0	-2,279.7	-254.2	2,288.4	0.00	0.00	0.00
13,300.0	90.00	178.96	10,803.0	-2,379.7	-252.4	2,388.2	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #506H
Company:	EOG Resources - Midland	TVD Reference:	KB=25 @ 3355.0usft (Training Rig)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB=25 @ 3355.0usft (Training Rig)
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#506H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	178.96	10,803.0	-2,479.6	-250.6	2,488.0	0.00	0.00	0.00
13,500.0	90.00	178.96	10,803.0	-2,579.6	-248.8	2,587.8	0.00	0.00	0.00
13,600.0	90.00	178.96	10,803.0	-2,679.6	-247.0	2,687.6	0.00	0.00	0.00
13,700.0	90.00	178.96	10,803.0	-2,779.6	-245.2	2,787.5	0.00	0.00	0.00
13,800.0	90.00	178.96	10,803.0	-2,879.6	-243.4	2,887.3	0.00	0.00	0.00
13,900.0	90.00	178.96	10,803.0	-2,979.6	-241.6	2,987.1	0.00	0.00	0.00
14,000.0	90.00	178.96	10,803.0	-3,079.5	-239.8	3,086.9	0.00	0.00	0.00
14,100.0	90.00	178.96	10,803.0	-3,179.5	-237.9	3,186.7	0.00	0.00	0.00
14,200.0	90.00	178.96	10,803.0	-3,279.5	-236.1	3,286.6	0.00	0.00	0.00
14,300.0	90.00	178.96	10,803.0	-3,379.5	-234.3	3,386.4	0.00	0.00	0.00
14,400.0	90.00	178.96	10,803.0	-3,479.5	-232.5	3,486.2	0.00	0.00	0.00
14,500.0	90.00	178.96	10,803.0	-3,579.5	-230.7	3,586.0	0.00	0.00	0.00
14,600.0	90.00	178.96	10,803.0	-3,679.4	-228.9	3,685.8	0.00	0.00	0.00
14,700.0	90.00	178.96	10,803.0	-3,779.4	-227.1	3,785.6	0.00	0.00	0.00
14,800.0	90.00	178.96	10,803.0	-3,879.4	-225.3	3,885.5	0.00	0.00	0.00
14,900.0	90.00	178.96	10,803.0	-3,979.4	-223.5	3,985.3	0.00	0.00	0.00
15,000.0	90.00	178.96	10,803.0	-4,079.4	-221.7	4,085.1	0.00	0.00	0.00
15,100.0	90.00	178.96	10,803.0	-4,179.4	-219.9	4,184.9	0.00	0.00	0.00
15,200.0	90.00	178.96	10,803.0	-4,279.3	-218.1	4,284.7	0.00	0.00	0.00
15,300.0	90.00	178.96	10,803.0	-4,379.3	-216.3	4,384.6	0.00	0.00	0.00
15,400.0	90.00	178.96	10,803.0	-4,479.3	-214.4	4,484.4	0.00	0.00	0.00
15,500.0	90.00	178.96	10,803.0	-4,579.3	-212.6	4,584.2	0.00	0.00	0.00
15,600.0	90.00	178.96	10,803.0	-4,679.3	-210.8	4,684.0	0.00	0.00	0.00
15,700.0	90.00	178.96	10,803.0	-4,779.3	-209.0	4,783.8	0.00	0.00	0.00
15,800.0	90.00	178.96	10,803.0	-4,879.2	-207.2	4,883.6	0.00	0.00	0.00
15,811.8	90.00	178.96	10,803.0	-4,891.0	-207.0	4,895.4	0.00	0.00	0.00

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
KOP[Quijote 2 State Cor - plan hits target center - Point	0.00	0.00	10,325.5	308.0	-301.0	393,367.00	754,608.00	32° 4' 46.468 N	103° 38' 41.098 W
PBHL[Quijote 2 State Co - plan hits target center - Point	0.00	0.00	10,803.0	-4,891.0	-207.0	388,168.00	754,702.00	32° 3' 55.015 N	103° 38' 40.391 W
UMP[Quijote 2 State Co - plan misses target center by 163.4usft at 10741.9usft MD (10682.0 TVD, 148.2 N, -298.1 E) - Point	0.00	0.00	10,803.0	258.0	-301.0	393,317.00	754,608.00	32° 4' 45.973 N	103° 38' 41.102 W