



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Quijote 2 State State Com

#502H

OH

Plan: Plan #0.1

Standard Planning Report

29 May, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #502H
Company:	EOG Resources - Midland	TVD Reference:	KB=25 @ 3365.0usft (Planning Rig)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB=25 @ 3365.0usft (Planning Rig)
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#502H	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	#502H					
Well Position	+N/-S	0.0 usft	Northing:	393,067.00 usft	Latitude:	32° 4' 43.403 N
	+E/-W	-33.0 usft	Easting:	756,120.00 usft	Longitude:	103° 38' 23.547 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,340.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/29/2019	6.76	59.89	47,645.36086579

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	177.40

Plan Survey Tool Program	Date	5/29/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,827.8 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	
833.4	2.67	10.95	833.4	3.0	0.6	2.00	2.00	0.00	10.95	
7,373.8	2.67	10.95	7,366.6	302.0	58.4	0.00	0.00	0.00	0.00	
7,507.2	0.00	0.00	7,500.0	305.0	59.0	2.00	-2.00	0.00	180.00	
10,351.7	0.00	0.00	10,344.5	305.0	59.0	0.00	0.00	0.00	0.00	KOP[Quijote 2 State (
11,101.7	90.00	178.20	10,822.0	-172.2	74.0	12.00	12.00	23.76	178.20	
15,827.8	90.00	178.20	10,822.0	-4,896.0	222.0	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:	#502H	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	10.95	800.0	1.7	0.3	-1.7	2.00	2.00	0.00
833.4	2.67	10.95	833.4	3.0	0.6	-3.0	2.00	2.00	0.00
900.0	2.67	10.95	899.9	6.1	1.2	-6.0	0.00	0.00	0.00
1,000.0	2.67	10.95	999.8	10.7	2.1	-10.6	0.00	0.00	0.00
1,100.0	2.67	10.95	1,099.7	15.2	2.9	-15.1	0.00	0.00	0.00
1,200.0	2.67	10.95	1,199.6	19.8	3.8	-19.6	0.00	0.00	0.00
1,300.0	2.67	10.95	1,299.4	24.4	4.7	-24.1	0.00	0.00	0.00
1,400.0	2.67	10.95	1,399.3	28.9	5.6	-28.7	0.00	0.00	0.00
1,500.0	2.67	10.95	1,499.2	33.5	6.5	-33.2	0.00	0.00	0.00
1,600.0	2.67	10.95	1,599.1	38.1	7.4	-37.7	0.00	0.00	0.00
1,700.0	2.67	10.95	1,699.0	42.7	8.3	-42.2	0.00	0.00	0.00
1,800.0	2.67	10.95	1,798.9	47.2	9.1	-46.8	0.00	0.00	0.00
1,900.0	2.67	10.95	1,898.8	51.8	10.0	-51.3	0.00	0.00	0.00
2,000.0	2.67	10.95	1,998.7	56.4	10.9	-55.8	0.00	0.00	0.00
2,100.0	2.67	10.95	2,098.6	60.9	11.8	-60.3	0.00	0.00	0.00
2,200.0	2.67	10.95	2,198.5	65.5	12.7	-64.9	0.00	0.00	0.00
2,300.0	2.67	10.95	2,298.4	70.1	13.6	-69.4	0.00	0.00	0.00
2,400.0	2.67	10.95	2,398.3	74.6	14.4	-73.9	0.00	0.00	0.00
2,500.0	2.67	10.95	2,498.1	79.2	15.3	-78.4	0.00	0.00	0.00
2,600.0	2.67	10.95	2,598.0	83.8	16.2	-83.0	0.00	0.00	0.00
2,700.0	2.67	10.95	2,697.9	88.4	17.1	-87.5	0.00	0.00	0.00
2,800.0	2.67	10.95	2,797.8	92.9	18.0	-92.0	0.00	0.00	0.00
2,900.0	2.67	10.95	2,897.7	97.5	18.9	-96.5	0.00	0.00	0.00
3,000.0	2.67	10.95	2,997.6	102.1	19.7	-101.1	0.00	0.00	0.00
3,100.0	2.67	10.95	3,097.5	106.6	20.6	-105.6	0.00	0.00	0.00
3,200.0	2.67	10.95	3,197.4	111.2	21.5	-110.1	0.00	0.00	0.00
3,300.0	2.67	10.95	3,297.3	115.8	22.4	-114.6	0.00	0.00	0.00
3,400.0	2.67	10.95	3,397.2	120.3	23.3	-119.2	0.00	0.00	0.00
3,500.0	2.67	10.95	3,497.1	124.9	24.2	-123.7	0.00	0.00	0.00
3,600.0	2.67	10.95	3,597.0	129.5	25.0	-128.2	0.00	0.00	0.00
3,700.0	2.67	10.95	3,696.8	134.1	25.9	-132.7	0.00	0.00	0.00
3,800.0	2.67	10.95	3,796.7	138.6	26.8	-137.3	0.00	0.00	0.00
3,900.0	2.67	10.95	3,896.6	143.2	27.7	-141.8	0.00	0.00	0.00
4,000.0	2.67	10.95	3,996.5	147.8	28.6	-146.3	0.00	0.00	0.00
4,100.0	2.67	10.95	4,096.4	152.3	29.5	-150.8	0.00	0.00	0.00
4,200.0	2.67	10.95	4,196.3	156.9	30.4	-155.4	0.00	0.00	0.00
4,300.0	2.67	10.95	4,296.2	161.5	31.2	-159.9	0.00	0.00	0.00
4,400.0	2.67	10.95	4,396.1	166.0	32.1	-164.4	0.00	0.00	0.00
4,500.0	2.67	10.95	4,496.0	170.6	33.0	-168.9	0.00	0.00	0.00
4,600.0	2.67	10.95	4,595.9	175.2	33.9	-173.5	0.00	0.00	0.00
4,700.0	2.67	10.95	4,695.8	179.8	34.8	-178.0	0.00	0.00	0.00
4,800.0	2.67	10.95	4,795.7	184.3	35.7	-182.5	0.00	0.00	0.00
4,900.0	2.67	10.95	4,895.5	188.9	36.5	-187.0	0.00	0.00	0.00
5,000.0	2.67	10.95	4,995.4	193.5	37.4	-191.6	0.00	0.00	0.00
5,100.0	2.67	10.95	5,095.3	198.0	38.3	-196.1	0.00	0.00	0.00
5,200.0	2.67	10.95	5,195.2	202.6	39.2	-200.6	0.00	0.00	0.00

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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	2.67	10.95	5,295.1	207.2	40.1	-205.1	0.00	0.00	0.00
5,400.0	2.67	10.95	5,395.0	211.7	41.0	-209.7	0.00	0.00	0.00
5,500.0	2.67	10.95	5,494.9	216.3	41.8	-214.2	0.00	0.00	0.00
5,600.0	2.67	10.95	5,594.8	220.9	42.7	-218.7	0.00	0.00	0.00
5,700.0	2.67	10.95	5,694.7	225.5	43.6	-223.3	0.00	0.00	0.00
5,800.0	2.67	10.95	5,794.6	230.0	44.5	-227.8	0.00	0.00	0.00
5,900.0	2.67	10.95	5,894.5	234.6	45.4	-232.3	0.00	0.00	0.00
6,000.0	2.67	10.95	5,994.4	239.2	46.3	-236.8	0.00	0.00	0.00
6,100.0	2.67	10.95	6,094.2	243.7	47.1	-241.4	0.00	0.00	0.00
6,200.0	2.67	10.95	6,194.1	248.3	48.0	-245.9	0.00	0.00	0.00
6,300.0	2.67	10.95	6,294.0	252.9	48.9	-250.4	0.00	0.00	0.00
6,400.0	2.67	10.95	6,393.9	257.4	49.8	-254.9	0.00	0.00	0.00
6,500.0	2.67	10.95	6,493.8	262.0	50.7	-259.5	0.00	0.00	0.00
6,600.0	2.67	10.95	6,593.7	266.6	51.6	-264.0	0.00	0.00	0.00
6,700.0	2.67	10.95	6,693.6	271.2	52.5	-268.5	0.00	0.00	0.00
6,800.0	2.67	10.95	6,793.5	275.7	53.3	-273.0	0.00	0.00	0.00
6,900.0	2.67	10.95	6,893.4	280.3	54.2	-277.6	0.00	0.00	0.00
7,000.0	2.67	10.95	6,993.3	284.9	55.1	-282.1	0.00	0.00	0.00
7,100.0	2.67	10.95	7,093.2	289.4	56.0	-286.6	0.00	0.00	0.00
7,200.0	2.67	10.95	7,193.1	294.0	56.9	-291.1	0.00	0.00	0.00
7,300.0	2.67	10.95	7,292.9	298.6	57.8	-295.7	0.00	0.00	0.00
7,373.8	2.67	10.95	7,366.6	302.0	58.4	-299.0	0.00	0.00	0.00
7,400.0	2.14	10.95	7,392.8	303.0	58.6	-300.1	2.00	-2.00	0.00
7,507.2	0.00	0.00	7,500.0	305.0	59.0	-302.0	2.00	-2.00	0.00
7,600.0	0.00	0.00	7,592.8	305.0	59.0	-302.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,692.8	305.0	59.0	-302.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,792.8	305.0	59.0	-302.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,892.8	305.0	59.0	-302.0	0.00	0.00	0.00
8,000.0	0.00	0.00	7,992.8	305.0	59.0	-302.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,092.8	305.0	59.0	-302.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,192.8	305.0	59.0	-302.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,292.8	305.0	59.0	-302.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,392.8	305.0	59.0	-302.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,492.8	305.0	59.0	-302.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,592.8	305.0	59.0	-302.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,692.8	305.0	59.0	-302.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,792.8	305.0	59.0	-302.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,892.8	305.0	59.0	-302.0	0.00	0.00	0.00
9,000.0	0.00	0.00	8,992.8	305.0	59.0	-302.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,092.8	305.0	59.0	-302.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,192.8	305.0	59.0	-302.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,292.8	305.0	59.0	-302.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,392.8	305.0	59.0	-302.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,492.8	305.0	59.0	-302.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,592.8	305.0	59.0	-302.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,692.8	305.0	59.0	-302.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,792.8	305.0	59.0	-302.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,892.8	305.0	59.0	-302.0	0.00	0.00	0.00
10,000.0	0.00	0.00	9,992.8	305.0	59.0	-302.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,092.8	305.0	59.0	-302.0	0.00	0.00	0.00
10,200.0	0.00	0.00	10,192.8	305.0	59.0	-302.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,292.8	305.0	59.0	-302.0	0.00	0.00	0.00
10,351.7	0.00	0.00	10,344.5	305.0	59.0	-302.0	0.00	0.00	0.00
10,375.0	2.80	178.20	10,367.8	304.4	59.0	-301.4	12.00	12.00	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)	
10,400.0	5.80	178.20	10,392.7	302.6	59.1	-299.6	12.00	12.00	0.00	
10,425.0	8.80	178.20	10,417.5	299.4	59.2	-296.4	12.00	12.00	0.00	
10,450.0	11.80	178.20	10,442.1	294.9	59.3	-291.9	12.00	12.00	0.00	
10,475.0	14.80	178.20	10,466.4	289.2	59.5	-286.2	12.00	12.00	0.00	
10,500.0	17.80	178.20	10,490.4	282.2	59.7	-279.2	12.00	12.00	0.00	
10,525.0	20.80	178.20	10,514.0	273.9	60.0	-270.9	12.00	12.00	0.00	
10,550.0	23.80	178.20	10,537.2	264.4	60.3	-261.4	12.00	12.00	0.00	
10,575.0	26.80	178.20	10,559.8	253.7	60.6	-250.7	12.00	12.00	0.00	
10,600.0	29.80	178.20	10,581.8	241.9	61.0	-238.9	12.00	12.00	0.00	
10,625.0	32.80	178.20	10,603.1	228.9	61.4	-225.9	12.00	12.00	0.00	
10,650.0	35.80	178.20	10,623.8	214.8	61.8	-211.8	12.00	12.00	0.00	
10,675.0	38.80	178.20	10,643.7	199.7	62.3	-196.7	12.00	12.00	0.00	
10,700.0	41.80	178.20	10,662.7	183.5	62.8	-180.5	12.00	12.00	0.00	
10,725.0	44.80	178.20	10,680.9	166.4	63.3	-163.4	12.00	12.00	0.00	
10,750.0	47.80	178.20	10,698.2	148.3	63.9	-145.3	12.00	12.00	0.00	
10,775.0	50.80	178.20	10,714.5	129.4	64.5	-126.4	12.00	12.00	0.00	
10,800.0	53.80	178.20	10,729.8	109.6	65.1	-106.6	12.00	12.00	0.00	
10,825.0	56.80	178.20	10,744.0	89.1	65.8	-86.0	12.00	12.00	0.00	
10,850.0	59.80	178.20	10,757.2	67.8	66.4	-64.8	12.00	12.00	0.00	
10,875.0	62.80	178.20	10,769.2	45.9	67.1	-42.8	12.00	12.00	0.00	
10,900.0	65.80	178.20	10,780.0	23.4	67.8	-20.3	12.00	12.00	0.00	
10,925.0	68.80	178.20	10,789.6	0.4	68.5	2.7	12.00	12.00	0.00	
10,950.0	71.80	178.20	10,798.1	-23.2	69.3	26.3	12.00	12.00	0.00	
10,975.0	74.80	178.20	10,805.3	-47.1	70.0	50.2	12.00	12.00	0.00	
11,000.0	77.80	178.20	10,811.2	-71.4	70.8	74.5	12.00	12.00	0.00	
11,025.0	80.80	178.20	10,815.8	-95.9	71.6	99.1	12.00	12.00	0.00	
11,050.0	83.80	178.20	10,819.2	-120.7	72.3	123.8	12.00	12.00	0.00	
11,075.0	86.80	178.20	10,821.2	-145.6	73.1	148.7	12.00	12.00	0.00	
11,101.7	90.00	178.20	10,822.0	-172.2	74.0	175.4	12.00	12.00	0.00	
11,200.0	90.00	178.20	10,822.0	-270.5	77.0	273.7	0.00	0.00	0.00	
11,300.0	90.00	178.20	10,822.0	-370.4	80.2	373.7	0.00	0.00	0.00	
11,400.0	90.00	178.20	10,822.0	-470.4	83.3	473.7	0.00	0.00	0.00	
11,500.0	90.00	178.20	10,822.0	-570.3	86.4	573.7	0.00	0.00	0.00	
11,600.0	90.00	178.20	10,822.0	-670.3	89.6	673.7	0.00	0.00	0.00	
11,700.0	90.00	178.20	10,822.0	-770.3	92.7	773.7	0.00	0.00	0.00	
11,800.0	90.00	178.20	10,822.0	-870.2	95.8	873.6	0.00	0.00	0.00	
11,900.0	90.00	178.20	10,822.0	-970.2	99.0	973.6	0.00	0.00	0.00	
12,000.0	90.00	178.20	10,822.0	-1,070.1	102.1	1,073.6	0.00	0.00	0.00	
12,100.0	90.00	178.20	10,822.0	-1,170.1	105.2	1,173.6	0.00	0.00	0.00	
12,200.0	90.00	178.20	10,822.0	-1,270.0	108.4	1,273.6	0.00	0.00	0.00	
12,300.0	90.00	178.20	10,822.0	-1,370.0	111.5	1,373.6	0.00	0.00	0.00	
12,400.0	90.00	178.20	10,822.0	-1,469.9	114.6	1,473.6	0.00	0.00	0.00	
12,500.0	90.00	178.20	10,822.0	-1,569.9	117.8	1,573.6	0.00	0.00	0.00	
12,600.0	90.00	178.20	10,822.0	-1,669.8	120.9	1,673.6	0.00	0.00	0.00	
12,700.0	90.00	178.20	10,822.0	-1,769.8	124.0	1,773.6	0.00	0.00	0.00	
12,800.0	90.00	178.20	10,822.0	-1,869.7	127.2	1,873.6	0.00	0.00	0.00	
12,900.0	90.00	178.20	10,822.0	-1,969.7	130.3	1,973.5	0.00	0.00	0.00	
13,000.0	90.00	178.20	10,822.0	-2,069.6	133.4	2,073.5	0.00	0.00	0.00	
13,100.0	90.00	178.20	10,822.0	-2,169.6	136.6	2,173.5	0.00	0.00	0.00	
13,200.0	90.00	178.20	10,822.0	-2,269.5	139.7	2,273.5	0.00	0.00	0.00	
13,300.0	90.00	178.20	10,822.0	-2,369.5	142.8	2,373.5	0.00	0.00	0.00	
13,400.0	90.00	178.20	10,822.0	-2,469.4	146.0	2,473.5	0.00	0.00	0.00	
13,500.0	90.00	178.20	10,822.0	-2,569.4	149.1	2,573.5	0.00	0.00	0.00	
13,600.0	90.00	178.20	10,822.0	-2,669.3	152.2	2,673.5	0.00	0.00	0.00	

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #502H
Company:	EOG Resources - Midland	TVD Reference:	KB=25 @ 3365.0usft (Planning Rig)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB=25 @ 3365.0usft (Planning Rig)
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#502H	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)
13,700.0	90.00	178.20	10,822.0	-2,769.3	155.3	2,773.5	0.00	0.00	0.00
13,800.0	90.00	178.20	10,822.0	-2,869.2	158.5	2,873.5	0.00	0.00	0.00
13,900.0	90.00	178.20	10,822.0	-2,969.2	161.6	2,973.4	0.00	0.00	0.00
14,000.0	90.00	178.20	10,822.0	-3,069.1	164.7	3,073.4	0.00	0.00	0.00
14,100.0	90.00	178.20	10,822.0	-3,169.1	167.9	3,173.4	0.00	0.00	0.00
14,200.0	90.00	178.20	10,822.0	-3,269.0	171.0	3,273.4	0.00	0.00	0.00
14,300.0	90.00	178.20	10,822.0	-3,369.0	174.1	3,373.4	0.00	0.00	0.00
14,400.0	90.00	178.20	10,822.0	-3,468.9	177.3	3,473.4	0.00	0.00	0.00
14,500.0	90.00	178.20	10,822.0	-3,568.9	180.4	3,573.4	0.00	0.00	0.00
14,600.0	90.00	178.20	10,822.0	-3,668.8	183.5	3,673.4	0.00	0.00	0.00
14,700.0	90.00	178.20	10,822.0	-3,768.8	186.7	3,773.4	0.00	0.00	0.00
14,800.0	90.00	178.20	10,822.0	-3,868.7	189.8	3,873.4	0.00	0.00	0.00
14,900.0	90.00	178.20	10,822.0	-3,968.7	192.9	3,973.3	0.00	0.00	0.00
15,000.0	90.00	178.20	10,822.0	-4,068.6	196.1	4,073.3	0.00	0.00	0.00
15,100.0	90.00	178.20	10,822.0	-4,168.6	199.2	4,173.3	0.00	0.00	0.00
15,200.0	90.00	178.20	10,822.0	-4,268.5	202.3	4,273.3	0.00	0.00	0.00
15,300.0	90.00	178.20	10,822.0	-4,368.5	205.5	4,373.3	0.00	0.00	0.00
15,400.0	90.00	178.20	10,822.0	-4,468.4	208.6	4,473.3	0.00	0.00	0.00
15,500.0	90.00	178.20	10,822.0	-4,568.4	211.7	4,573.3	0.00	0.00	0.00
15,600.0	90.00	178.20	10,822.0	-4,668.3	214.9	4,673.3	0.00	0.00	0.00
15,700.0	90.00	178.20	10,822.0	-4,768.3	218.0	4,773.3	0.00	0.00	0.00
15,800.0	90.00	178.20	10,822.0	-4,868.2	221.1	4,873.3	0.00	0.00	0.00
15,827.8	90.00	178.20	10,822.0	-4,896.0	222.0	4,901.0	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	10,344.5	305.0	59.0	393,372.00	756,179.00	32° 4' 46.418 N	103° 38' 22.838 W
UMP[Quijote 2 State Co - plan misses target center by 166.8usft at 10750.0usft MD (10698.2 TVD, 148.3 N, 63.9 E) - Point	0.00	0.00	10,822.0	260.0	59.0	393,327.00	756,179.00	32° 4' 45.973 N	103° 38' 22.842 W
PBHL[Quijote 2 State Co - plan hits target center - Point	0.00	0.00	10,822.0	-4,896.0	222.0	388,171.00	756,342.00	32° 3' 54.941 N	103° 38' 21.333 W