



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Quijote 2 State State Com

#504H

OH

Plan: Plan #0.1

Standard Planning Report

29 May, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #504H
Company:	EOG Resources - Midland	TVD Reference:	KB=25 @ 3358.0usft (Training Rig)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB=25 @ 3358.0usft (Training Rig)
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#504H	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	#504H					
Well Position	+N/-S	-8.0 usft	Northing:	393,059.00 usft	Latitude:	32° 4' 43.397 N
	+E/-W	-1,178.0 usft	Easting:	754,975.00 usft	Longitude:	103° 38' 36.855 W
Position Uncertainty	0.0 usft		Wellhead Elevation:		Ground Level:	3,333.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/29/2019	6.77	59.89	47,645.02547501

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	173.28

Plan Survey Tool Program	Date	5/29/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,828.8 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	
925.7	4.51	52.91	925.5	5.4	7.1	2.00	2.00	0.00	52.91	
7,294.5	4.51	52.91	7,274.5	307.6	406.9	0.00	0.00	0.00	0.00	
7,520.2	0.00	0.00	7,500.0	313.0	414.0	2.00	-2.00	0.00	180.00	
10,351.7	0.00	0.00	10,331.5	313.0	414.0	0.00	0.00	0.00	0.00	KOP[Quijote 2 State (
11,101.7	90.00	178.22	10,809.0	-164.2	428.9	12.00	12.00	23.76	178.22	
15,828.8	90.00	178.22	10,809.0	-4,889.0	576.0	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:	#504H	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	52.91	800.0	1.1	1.4	-0.9	2.00	2.00	0.00
900.0	4.00	52.91	899.8	4.2	5.6	-3.5	2.00	2.00	0.00
925.7	4.51	52.91	925.5	5.4	7.1	-4.5	2.00	2.00	0.00
1,000.0	4.51	52.91	999.5	8.9	11.8	-7.4	0.00	0.00	0.00
1,100.0	4.51	52.91	1,099.2	13.6	18.0	-11.4	0.00	0.00	0.00
1,200.0	4.51	52.91	1,198.9	18.4	24.3	-15.4	0.00	0.00	0.00
1,300.0	4.51	52.91	1,298.6	23.1	30.6	-19.4	0.00	0.00	0.00
1,400.0	4.51	52.91	1,398.3	27.9	36.9	-23.4	0.00	0.00	0.00
1,500.0	4.51	52.91	1,498.0	32.6	43.1	-27.3	0.00	0.00	0.00
1,600.0	4.51	52.91	1,597.7	37.4	49.4	-31.3	0.00	0.00	0.00
1,700.0	4.51	52.91	1,697.4	42.1	55.7	-35.3	0.00	0.00	0.00
1,800.0	4.51	52.91	1,797.1	46.9	62.0	-39.3	0.00	0.00	0.00
1,900.0	4.51	52.91	1,896.7	51.6	68.3	-43.3	0.00	0.00	0.00
2,000.0	4.51	52.91	1,996.4	56.3	74.5	-47.2	0.00	0.00	0.00
2,100.0	4.51	52.91	2,096.1	61.1	80.8	-51.2	0.00	0.00	0.00
2,200.0	4.51	52.91	2,195.8	65.8	87.1	-55.2	0.00	0.00	0.00
2,300.0	4.51	52.91	2,295.5	70.6	93.4	-59.2	0.00	0.00	0.00
2,400.0	4.51	52.91	2,395.2	75.3	99.6	-63.2	0.00	0.00	0.00
2,500.0	4.51	52.91	2,494.9	80.1	105.9	-67.1	0.00	0.00	0.00
2,600.0	4.51	52.91	2,594.6	84.8	112.2	-71.1	0.00	0.00	0.00
2,700.0	4.51	52.91	2,694.3	89.6	118.5	-75.1	0.00	0.00	0.00
2,800.0	4.51	52.91	2,794.0	94.3	124.8	-79.1	0.00	0.00	0.00
2,900.0	4.51	52.91	2,893.6	99.1	131.0	-83.1	0.00	0.00	0.00
3,000.0	4.51	52.91	2,993.3	103.8	137.3	-87.0	0.00	0.00	0.00
3,100.0	4.51	52.91	3,093.0	108.6	143.6	-91.0	0.00	0.00	0.00
3,200.0	4.51	52.91	3,192.7	113.3	149.9	-95.0	0.00	0.00	0.00
3,300.0	4.51	52.91	3,292.4	118.0	156.1	-99.0	0.00	0.00	0.00
3,400.0	4.51	52.91	3,392.1	122.8	162.4	-102.9	0.00	0.00	0.00
3,500.0	4.51	52.91	3,491.8	127.5	168.7	-106.9	0.00	0.00	0.00
3,600.0	4.51	52.91	3,591.5	132.3	175.0	-110.9	0.00	0.00	0.00
3,700.0	4.51	52.91	3,691.2	137.0	181.3	-114.9	0.00	0.00	0.00
3,800.0	4.51	52.91	3,790.9	141.8	187.5	-118.9	0.00	0.00	0.00
3,900.0	4.51	52.91	3,890.5	146.5	193.8	-122.8	0.00	0.00	0.00
4,000.0	4.51	52.91	3,990.2	151.3	200.1	-126.8	0.00	0.00	0.00
4,100.0	4.51	52.91	4,089.9	156.0	206.4	-130.8	0.00	0.00	0.00
4,200.0	4.51	52.91	4,189.6	160.8	212.6	-134.8	0.00	0.00	0.00
4,300.0	4.51	52.91	4,289.3	165.5	218.9	-138.8	0.00	0.00	0.00
4,400.0	4.51	52.91	4,389.0	170.3	225.2	-142.7	0.00	0.00	0.00
4,500.0	4.51	52.91	4,488.7	175.0	231.5	-146.7	0.00	0.00	0.00
4,600.0	4.51	52.91	4,588.4	179.8	237.8	-150.7	0.00	0.00	0.00
4,700.0	4.51	52.91	4,688.1	184.5	244.0	-154.7	0.00	0.00	0.00
4,800.0	4.51	52.91	4,787.7	189.2	250.3	-158.7	0.00	0.00	0.00
4,900.0	4.51	52.91	4,887.4	194.0	256.6	-162.6	0.00	0.00	0.00
5,000.0	4.51	52.91	4,987.1	198.7	262.9	-166.6	0.00	0.00	0.00
5,100.0	4.51	52.91	5,086.8	203.5	269.1	-170.6	0.00	0.00	0.00
5,200.0	4.51	52.91	5,186.5	208.2	275.4	-174.6	0.00	0.00	0.00

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Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#504H	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	4.51	52.91	5,286.2	213.0	281.7	-178.6	0.00	0.00	0.00
5,400.0	4.51	52.91	5,385.9	217.7	288.0	-182.5	0.00	0.00	0.00
5,500.0	4.51	52.91	5,485.6	222.5	294.3	-186.5	0.00	0.00	0.00
5,600.0	4.51	52.91	5,585.3	227.2	300.5	-190.5	0.00	0.00	0.00
5,700.0	4.51	52.91	5,685.0	232.0	306.8	-194.5	0.00	0.00	0.00
5,800.0	4.51	52.91	5,784.6	236.7	313.1	-198.4	0.00	0.00	0.00
5,900.0	4.51	52.91	5,884.3	241.5	319.4	-202.4	0.00	0.00	0.00
6,000.0	4.51	52.91	5,984.0	246.2	325.6	-206.4	0.00	0.00	0.00
6,100.0	4.51	52.91	6,083.7	250.9	331.9	-210.4	0.00	0.00	0.00
6,200.0	4.51	52.91	6,183.4	255.7	338.2	-214.4	0.00	0.00	0.00
6,300.0	4.51	52.91	6,283.1	260.4	344.5	-218.3	0.00	0.00	0.00
6,400.0	4.51	52.91	6,382.8	265.2	350.8	-222.3	0.00	0.00	0.00
6,500.0	4.51	52.91	6,482.5	269.9	357.0	-226.3	0.00	0.00	0.00
6,600.0	4.51	52.91	6,582.2	274.7	363.3	-230.3	0.00	0.00	0.00
6,700.0	4.51	52.91	6,681.9	279.4	369.6	-234.3	0.00	0.00	0.00
6,800.0	4.51	52.91	6,781.5	284.2	375.9	-238.2	0.00	0.00	0.00
6,900.0	4.51	52.91	6,881.2	288.9	382.1	-242.2	0.00	0.00	0.00
7,000.0	4.51	52.91	6,980.9	293.7	388.4	-246.2	0.00	0.00	0.00
7,100.0	4.51	52.91	7,080.6	298.4	394.7	-250.2	0.00	0.00	0.00
7,200.0	4.51	52.91	7,180.3	303.2	401.0	-254.2	0.00	0.00	0.00
7,294.5	4.51	52.91	7,274.5	307.6	406.9	-257.9	0.00	0.00	0.00
7,300.0	4.40	52.91	7,280.0	307.9	407.3	-258.1	2.00	-2.00	0.00
7,400.0	2.40	52.91	7,379.8	311.5	412.0	-261.1	2.00	-2.00	0.00
7,500.0	0.40	52.91	7,479.8	313.0	413.9	-262.4	2.00	-2.00	0.00
7,520.2	0.00	0.00	7,500.0	313.0	414.0	-262.4	2.00	-2.00	0.00
7,600.0	0.00	0.00	7,579.8	313.0	414.0	-262.4	0.00	0.00	0.00
7,700.0	0.00	0.00	7,679.8	313.0	414.0	-262.4	0.00	0.00	0.00
7,800.0	0.00	0.00	7,779.8	313.0	414.0	-262.4	0.00	0.00	0.00
7,900.0	0.00	0.00	7,879.8	313.0	414.0	-262.4	0.00	0.00	0.00
8,000.0	0.00	0.00	7,979.8	313.0	414.0	-262.4	0.00	0.00	0.00
8,100.0	0.00	0.00	8,079.8	313.0	414.0	-262.4	0.00	0.00	0.00
8,200.0	0.00	0.00	8,179.8	313.0	414.0	-262.4	0.00	0.00	0.00
8,300.0	0.00	0.00	8,279.8	313.0	414.0	-262.4	0.00	0.00	0.00
8,400.0	0.00	0.00	8,379.8	313.0	414.0	-262.4	0.00	0.00	0.00
8,500.0	0.00	0.00	8,479.8	313.0	414.0	-262.4	0.00	0.00	0.00
8,600.0	0.00	0.00	8,579.8	313.0	414.0	-262.4	0.00	0.00	0.00
8,700.0	0.00	0.00	8,679.8	313.0	414.0	-262.4	0.00	0.00	0.00
8,800.0	0.00	0.00	8,779.8	313.0	414.0	-262.4	0.00	0.00	0.00
8,900.0	0.00	0.00	8,879.8	313.0	414.0	-262.4	0.00	0.00	0.00
9,000.0	0.00	0.00	8,979.8	313.0	414.0	-262.4	0.00	0.00	0.00
9,100.0	0.00	0.00	9,079.8	313.0	414.0	-262.4	0.00	0.00	0.00
9,200.0	0.00	0.00	9,179.8	313.0	414.0	-262.4	0.00	0.00	0.00
9,300.0	0.00	0.00	9,279.8	313.0	414.0	-262.4	0.00	0.00	0.00
9,400.0	0.00	0.00	9,379.8	313.0	414.0	-262.4	0.00	0.00	0.00
9,500.0	0.00	0.00	9,479.8	313.0	414.0	-262.4	0.00	0.00	0.00
9,600.0	0.00	0.00	9,579.8	313.0	414.0	-262.4	0.00	0.00	0.00
9,700.0	0.00	0.00	9,679.8	313.0	414.0	-262.4	0.00	0.00	0.00
9,800.0	0.00	0.00	9,779.8	313.0	414.0	-262.4	0.00	0.00	0.00
9,900.0	0.00	0.00	9,879.8	313.0	414.0	-262.4	0.00	0.00	0.00
10,000.0	0.00	0.00	9,979.8	313.0	414.0	-262.4	0.00	0.00	0.00
10,100.0	0.00	0.00	10,079.8	313.0	414.0	-262.4	0.00	0.00	0.00
10,200.0	0.00	0.00	10,179.8	313.0	414.0	-262.4	0.00	0.00	0.00
10,300.0	0.00	0.00	10,279.8	313.0	414.0	-262.4	0.00	0.00	0.00
10,351.7	0.00	0.00	10,331.5	313.0	414.0	-262.4	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)
10,375.0	2.79	178.22	10,354.8	312.4	414.0	-261.8	12.00	12.00	0.00
10,400.0	5.79	178.22	10,379.7	310.6	414.1	-260.0	12.00	12.00	0.00
10,425.0	8.79	178.22	10,404.5	307.4	414.2	-256.8	12.00	12.00	0.00
10,450.0	11.79	178.22	10,429.1	302.9	414.3	-252.4	12.00	12.00	0.00
10,475.0	14.79	178.22	10,453.4	297.2	414.5	-246.6	12.00	12.00	0.00
10,500.0	17.79	178.22	10,477.4	290.2	414.7	-239.7	12.00	12.00	0.00
10,525.0	20.79	178.22	10,501.0	281.9	415.0	-231.4	12.00	12.00	0.00
10,550.0	23.79	178.22	10,524.1	272.4	415.3	-222.0	12.00	12.00	0.00
10,575.0	26.79	178.22	10,546.7	261.8	415.6	-211.3	12.00	12.00	0.00
10,600.0	29.79	178.22	10,568.7	249.9	416.0	-199.5	12.00	12.00	0.00
10,625.0	32.79	178.22	10,590.1	236.9	416.4	-186.6	12.00	12.00	0.00
10,650.0	35.79	178.22	10,610.8	222.9	416.8	-172.6	12.00	12.00	0.00
10,675.0	38.79	178.22	10,630.6	207.7	417.3	-157.5	12.00	12.00	0.00
10,700.0	41.79	178.22	10,649.7	191.6	417.8	-141.4	12.00	12.00	0.00
10,725.0	44.79	178.22	10,667.9	174.4	418.3	-124.3	12.00	12.00	0.00
10,750.0	47.79	178.22	10,685.2	156.4	418.9	-106.3	12.00	12.00	0.00
10,775.0	50.79	178.22	10,701.5	137.4	419.5	-87.4	12.00	12.00	0.00
10,800.0	53.79	178.22	10,716.8	117.7	420.1	-67.7	12.00	12.00	0.00
10,825.0	56.79	178.22	10,731.0	97.1	420.7	-47.2	12.00	12.00	0.00
10,850.0	59.79	178.22	10,744.1	75.9	421.4	-26.0	12.00	12.00	0.00
10,875.0	62.79	178.22	10,756.1	54.0	422.1	-4.2	12.00	12.00	0.00
10,900.0	65.79	178.22	10,767.0	31.4	422.8	18.2	12.00	12.00	0.00
10,925.0	68.79	178.22	10,776.6	8.4	423.5	41.2	12.00	12.00	0.00
10,950.0	71.79	178.22	10,785.1	-15.1	424.2	64.7	12.00	12.00	0.00
10,975.0	74.79	178.22	10,792.2	-39.1	425.0	88.5	12.00	12.00	0.00
11,000.0	77.79	178.22	10,798.2	-63.3	425.7	112.7	12.00	12.00	0.00
11,025.0	80.79	178.22	10,802.8	-87.9	426.5	137.2	12.00	12.00	0.00
11,050.0	83.79	178.22	10,806.2	-112.6	427.3	161.9	12.00	12.00	0.00
11,075.0	86.79	178.22	10,808.2	-137.5	428.0	186.7	12.00	12.00	0.00
11,101.7	90.00	178.22	10,809.0	-164.2	428.9	213.3	12.00	12.00	0.00
11,200.0	90.00	178.22	10,809.0	-262.5	431.9	311.2	0.00	0.00	0.00
11,300.0	90.00	178.22	10,809.0	-362.4	435.0	410.8	0.00	0.00	0.00
11,400.0	90.00	178.22	10,809.0	-462.4	438.1	510.5	0.00	0.00	0.00
11,500.0	90.00	178.22	10,809.0	-562.3	441.3	610.1	0.00	0.00	0.00
11,600.0	90.00	178.22	10,809.0	-662.3	444.4	709.7	0.00	0.00	0.00
11,700.0	90.00	178.22	10,809.0	-762.2	447.5	809.3	0.00	0.00	0.00
11,800.0	90.00	178.22	10,809.0	-862.2	450.6	909.0	0.00	0.00	0.00
11,900.0	90.00	178.22	10,809.0	-962.1	453.7	1,008.6	0.00	0.00	0.00
12,000.0	90.00	178.22	10,809.0	-1,062.1	456.8	1,108.2	0.00	0.00	0.00
12,100.0	90.00	178.22	10,809.0	-1,162.0	459.9	1,207.9	0.00	0.00	0.00
12,200.0	90.00	178.22	10,809.0	-1,262.0	463.0	1,307.5	0.00	0.00	0.00
12,300.0	90.00	178.22	10,809.0	-1,361.9	466.2	1,407.1	0.00	0.00	0.00
12,400.0	90.00	178.22	10,809.0	-1,461.9	469.3	1,506.7	0.00	0.00	0.00
12,500.0	90.00	178.22	10,809.0	-1,561.8	472.4	1,606.4	0.00	0.00	0.00
12,600.0	90.00	178.22	10,809.0	-1,661.8	475.5	1,706.0	0.00	0.00	0.00
12,700.0	90.00	178.22	10,809.0	-1,761.7	478.6	1,805.6	0.00	0.00	0.00
12,800.0	90.00	178.22	10,809.0	-1,861.7	481.7	1,905.3	0.00	0.00	0.00
12,900.0	90.00	178.22	10,809.0	-1,961.6	484.8	2,004.9	0.00	0.00	0.00
13,000.0	90.00	178.22	10,809.0	-2,061.6	487.9	2,104.5	0.00	0.00	0.00
13,100.0	90.00	178.22	10,809.0	-2,161.5	491.1	2,204.2	0.00	0.00	0.00
13,200.0	90.00	178.22	10,809.0	-2,261.5	494.2	2,303.8	0.00	0.00	0.00
13,300.0	90.00	178.22	10,809.0	-2,361.4	497.3	2,403.4	0.00	0.00	0.00
13,400.0	90.00	178.22	10,809.0	-2,461.4	500.4	2,503.0	0.00	0.00	0.00
13,500.0	90.00	178.22	10,809.0	-2,561.4	503.5	2,602.7	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #504H
Company:	EOG Resources - Midland	TVD Reference:	KB=25 @ 3358.0usft (Training Rig)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB=25 @ 3358.0usft (Training Rig)
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#504H	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)	
13,600.0	90.00	178.22	10,809.0	-2,661.3	506.6	2,702.3	0.00	0.00	0.00	
13,700.0	90.00	178.22	10,809.0	-2,761.3	509.7	2,801.9	0.00	0.00	0.00	
13,800.0	90.00	178.22	10,809.0	-2,861.2	512.9	2,901.6	0.00	0.00	0.00	
13,900.0	90.00	178.22	10,809.0	-2,961.2	516.0	3,001.2	0.00	0.00	0.00	
14,000.0	90.00	178.22	10,809.0	-3,061.1	519.1	3,100.8	0.00	0.00	0.00	
14,100.0	90.00	178.22	10,809.0	-3,161.1	522.2	3,200.4	0.00	0.00	0.00	
14,200.0	90.00	178.22	10,809.0	-3,261.0	525.3	3,300.1	0.00	0.00	0.00	
14,300.0	90.00	178.22	10,809.0	-3,361.0	528.4	3,399.7	0.00	0.00	0.00	
14,400.0	90.00	178.22	10,809.0	-3,460.9	531.5	3,499.3	0.00	0.00	0.00	
14,500.0	90.00	178.22	10,809.0	-3,560.9	534.6	3,599.0	0.00	0.00	0.00	
14,600.0	90.00	178.22	10,809.0	-3,660.8	537.8	3,698.6	0.00	0.00	0.00	
14,700.0	90.00	178.22	10,809.0	-3,760.8	540.9	3,798.2	0.00	0.00	0.00	
14,800.0	90.00	178.22	10,809.0	-3,860.7	544.0	3,897.9	0.00	0.00	0.00	
14,900.0	90.00	178.22	10,809.0	-3,960.7	547.1	3,997.5	0.00	0.00	0.00	
15,000.0	90.00	178.22	10,809.0	-4,060.6	550.2	4,097.1	0.00	0.00	0.00	
15,100.0	90.00	178.22	10,809.0	-4,160.6	553.3	4,196.7	0.00	0.00	0.00	
15,200.0	90.00	178.22	10,809.0	-4,260.5	556.4	4,296.4	0.00	0.00	0.00	
15,300.0	90.00	178.22	10,809.0	-4,360.5	559.5	4,396.0	0.00	0.00	0.00	
15,400.0	90.00	178.22	10,809.0	-4,460.4	562.7	4,495.6	0.00	0.00	0.00	
15,500.0	90.00	178.22	10,809.0	-4,560.4	565.8	4,595.3	0.00	0.00	0.00	
15,600.0	90.00	178.22	10,809.0	-4,660.3	568.9	4,694.9	0.00	0.00	0.00	
15,700.0	90.00	178.22	10,809.0	-4,760.3	572.0	4,794.5	0.00	0.00	0.00	
15,800.0	90.00	178.22	10,809.0	-4,860.2	575.1	4,894.1	0.00	0.00	0.00	
15,828.8	90.00	178.22	10,809.0	-4,889.0	576.0	4,922.8	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude		Longitude
KOP[Quijote 2 State Cor - hit/miss target - Shape - Point	0.00	0.00	10,331.5	313.0	414.0	393,372.00	755,389.00	32° 4' 46.468 N		103° 38' 32.020 W
UMP[Quijote 2 State Co - plan misses target center by 163.5usft at 10750.0usft MD (10685.2 TVD, 156.4 N, 418.9 E) - Point	0.00	0.00	10,809.0	263.0	414.0	393,322.00	755,389.00	32° 4' 45.973 N		103° 38' 32.024 W
PBHL[Quijote 2 State Co - plan hits target center - Point	0.00	0.00	10,809.0	-4,889.0	576.0	388,170.00	755,551.00	32° 3' 54.981 N		103° 38' 30.525 W