



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Quijote 2 State State Com

#503H

OH

Plan: Plan #0.1

Standard Planning Report

12 June, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #503H
Company:	EOG Resources - Midland	TVD Reference:	KB=25 @ 3365.0usft (Training Rig)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB=25 @ 3365.0usft (Training Rig)
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#503H	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	#503H					
Well Position	+N/-S	0.0 usft	Northing:	393,067.00 usft	Latitude:	32° 4' 43.406 N
	+E/-W	-66.0 usft	Easting:	756,087.00 usft	Longitude:	103° 38' 23.931 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	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	47,645.35010725

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	181.64

Plan Survey Tool Program	Date	6/4/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,559.6 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	
886.9	3.74	315.47	886.8	4.3	-4.3	2.00	2.00	0.00	315.47	
7,327.1	3.74	315.47	7,313.2	303.7	-298.7	0.00	0.00	0.00	0.00	
7,514.0	0.00	0.00	7,500.0	308.0	-303.0	2.00	-2.00	0.00	180.00	
10,080.5	0.00	0.00	10,066.5	308.0	-303.0	0.00	0.00	0.00	0.00	KOP[Quijote 2 State (
10,830.5	90.00	178.21	10,544.0	-169.2	-288.1	12.00	12.00	23.76	178.21	
15,559.6	90.00	178.21	10,544.0	-4,896.0	-140.0	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:	#503H	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	315.47	800.0	1.2	-1.2	-1.2	2.00	2.00	0.00
886.9	3.74	315.47	886.8	4.3	-4.3	-4.2	2.00	2.00	0.00
900.0	3.74	315.47	899.8	5.0	-4.9	-4.8	0.00	0.00	0.00
1,000.0	3.74	315.47	999.6	9.6	-9.4	-9.3	0.00	0.00	0.00
1,100.0	3.74	315.47	1,099.4	14.2	-14.0	-13.8	0.00	0.00	0.00
1,200.0	3.74	315.47	1,199.2	18.9	-18.6	-18.4	0.00	0.00	0.00
1,300.0	3.74	315.47	1,299.0	23.5	-23.2	-22.9	0.00	0.00	0.00
1,400.0	3.74	315.47	1,398.8	28.2	-27.7	-27.4	0.00	0.00	0.00
1,500.0	3.74	315.47	1,498.6	32.8	-32.3	-31.9	0.00	0.00	0.00
1,600.0	3.74	315.47	1,598.4	37.5	-36.9	-36.4	0.00	0.00	0.00
1,700.0	3.74	315.47	1,698.1	42.1	-41.4	-40.9	0.00	0.00	0.00
1,800.0	3.74	315.47	1,797.9	46.8	-46.0	-45.4	0.00	0.00	0.00
1,900.0	3.74	315.47	1,897.7	51.4	-50.6	-50.0	0.00	0.00	0.00
2,000.0	3.74	315.47	1,997.5	56.1	-55.2	-54.5	0.00	0.00	0.00
2,100.0	3.74	315.47	2,097.3	60.7	-59.7	-59.0	0.00	0.00	0.00
2,200.0	3.74	315.47	2,197.1	65.4	-64.3	-63.5	0.00	0.00	0.00
2,300.0	3.74	315.47	2,296.9	70.0	-68.9	-68.0	0.00	0.00	0.00
2,400.0	3.74	315.47	2,396.6	74.7	-73.5	-72.5	0.00	0.00	0.00
2,500.0	3.74	315.47	2,496.4	79.3	-78.0	-77.1	0.00	0.00	0.00
2,600.0	3.74	315.47	2,596.2	84.0	-82.6	-81.6	0.00	0.00	0.00
2,700.0	3.74	315.47	2,696.0	88.6	-87.2	-86.1	0.00	0.00	0.00
2,800.0	3.74	315.47	2,795.8	93.3	-91.7	-90.6	0.00	0.00	0.00
2,900.0	3.74	315.47	2,895.6	97.9	-96.3	-95.1	0.00	0.00	0.00
3,000.0	3.74	315.47	2,995.4	102.6	-100.9	-99.6	0.00	0.00	0.00
3,100.0	3.74	315.47	3,095.2	107.2	-105.5	-104.1	0.00	0.00	0.00
3,200.0	3.74	315.47	3,194.9	111.8	-110.0	-108.7	0.00	0.00	0.00
3,300.0	3.74	315.47	3,294.7	116.5	-114.6	-113.2	0.00	0.00	0.00
3,400.0	3.74	315.47	3,394.5	121.1	-119.2	-117.7	0.00	0.00	0.00
3,500.0	3.74	315.47	3,494.3	125.8	-123.7	-122.2	0.00	0.00	0.00
3,600.0	3.74	315.47	3,594.1	130.4	-128.3	-126.7	0.00	0.00	0.00
3,700.0	3.74	315.47	3,693.9	135.1	-132.9	-131.2	0.00	0.00	0.00
3,800.0	3.74	315.47	3,793.7	139.7	-137.5	-135.7	0.00	0.00	0.00
3,900.0	3.74	315.47	3,893.5	144.4	-142.0	-140.3	0.00	0.00	0.00
4,000.0	3.74	315.47	3,993.2	149.0	-146.6	-144.8	0.00	0.00	0.00
4,100.0	3.74	315.47	4,093.0	153.7	-151.2	-149.3	0.00	0.00	0.00
4,200.0	3.74	315.47	4,192.8	158.3	-155.8	-153.8	0.00	0.00	0.00
4,300.0	3.74	315.47	4,292.6	163.0	-160.3	-158.3	0.00	0.00	0.00
4,400.0	3.74	315.47	4,392.4	167.6	-164.9	-162.8	0.00	0.00	0.00
4,500.0	3.74	315.47	4,492.2	172.3	-169.5	-167.4	0.00	0.00	0.00
4,600.0	3.74	315.47	4,592.0	176.9	-174.0	-171.9	0.00	0.00	0.00
4,700.0	3.74	315.47	4,691.8	181.6	-178.6	-176.4	0.00	0.00	0.00
4,800.0	3.74	315.47	4,791.5	186.2	-183.2	-180.9	0.00	0.00	0.00
4,900.0	3.74	315.47	4,891.3	190.9	-187.8	-185.4	0.00	0.00	0.00
5,000.0	3.74	315.47	4,991.1	195.5	-192.3	-189.9	0.00	0.00	0.00
5,100.0	3.74	315.47	5,090.9	200.2	-196.9	-194.4	0.00	0.00	0.00
5,200.0	3.74	315.47	5,190.7	204.8	-201.5	-199.0	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	3.74	315.47	5,290.5	209.4	-206.0	-203.5	0.00	0.00	0.00
5,400.0	3.74	315.47	5,390.3	214.1	-210.6	-208.0	0.00	0.00	0.00
5,500.0	3.74	315.47	5,490.1	218.7	-215.2	-212.5	0.00	0.00	0.00
5,600.0	3.74	315.47	5,589.8	223.4	-219.8	-217.0	0.00	0.00	0.00
5,700.0	3.74	315.47	5,689.6	228.0	-224.3	-221.5	0.00	0.00	0.00
5,800.0	3.74	315.47	5,789.4	232.7	-228.9	-226.0	0.00	0.00	0.00
5,900.0	3.74	315.47	5,889.2	237.3	-233.5	-230.6	0.00	0.00	0.00
6,000.0	3.74	315.47	5,989.0	242.0	-238.1	-235.1	0.00	0.00	0.00
6,100.0	3.74	315.47	6,088.8	246.6	-242.6	-239.6	0.00	0.00	0.00
6,200.0	3.74	315.47	6,188.6	251.3	-247.2	-244.1	0.00	0.00	0.00
6,300.0	3.74	315.47	6,288.4	255.9	-251.8	-248.6	0.00	0.00	0.00
6,400.0	3.74	315.47	6,388.1	260.6	-256.3	-253.1	0.00	0.00	0.00
6,500.0	3.74	315.47	6,487.9	265.2	-260.9	-257.7	0.00	0.00	0.00
6,600.0	3.74	315.47	6,587.7	269.9	-265.5	-262.2	0.00	0.00	0.00
6,700.0	3.74	315.47	6,687.5	274.5	-270.1	-266.7	0.00	0.00	0.00
6,800.0	3.74	315.47	6,787.3	279.2	-274.6	-271.2	0.00	0.00	0.00
6,900.0	3.74	315.47	6,887.1	283.8	-279.2	-275.7	0.00	0.00	0.00
7,000.0	3.74	315.47	6,986.9	288.5	-283.8	-280.2	0.00	0.00	0.00
7,100.0	3.74	315.47	7,086.6	293.1	-288.3	-284.7	0.00	0.00	0.00
7,200.0	3.74	315.47	7,186.4	297.7	-292.9	-289.3	0.00	0.00	0.00
7,300.0	3.74	315.47	7,286.2	302.4	-297.5	-293.8	0.00	0.00	0.00
7,327.1	3.74	315.47	7,313.2	303.7	-298.7	-295.0	0.00	0.00	0.00
7,400.0	2.28	315.47	7,386.1	306.4	-301.4	-297.6	2.00	-2.00	0.00
7,500.0	0.28	315.47	7,486.0	308.0	-303.0	-299.2	2.00	-2.00	0.00
7,514.0	0.00	0.00	7,500.0	308.0	-303.0	-299.2	2.00	-2.00	0.00
7,600.0	0.00	0.00	7,586.0	308.0	-303.0	-299.2	0.00	0.00	0.00
7,700.0	0.00	0.00	7,686.0	308.0	-303.0	-299.2	0.00	0.00	0.00
7,800.0	0.00	0.00	7,786.0	308.0	-303.0	-299.2	0.00	0.00	0.00
7,900.0	0.00	0.00	7,886.0	308.0	-303.0	-299.2	0.00	0.00	0.00
8,000.0	0.00	0.00	7,986.0	308.0	-303.0	-299.2	0.00	0.00	0.00
8,100.0	0.00	0.00	8,086.0	308.0	-303.0	-299.2	0.00	0.00	0.00
8,200.0	0.00	0.00	8,186.0	308.0	-303.0	-299.2	0.00	0.00	0.00
8,300.0	0.00	0.00	8,286.0	308.0	-303.0	-299.2	0.00	0.00	0.00
8,400.0	0.00	0.00	8,386.0	308.0	-303.0	-299.2	0.00	0.00	0.00
8,500.0	0.00	0.00	8,486.0	308.0	-303.0	-299.2	0.00	0.00	0.00
8,600.0	0.00	0.00	8,586.0	308.0	-303.0	-299.2	0.00	0.00	0.00
8,700.0	0.00	0.00	8,686.0	308.0	-303.0	-299.2	0.00	0.00	0.00
8,800.0	0.00	0.00	8,786.0	308.0	-303.0	-299.2	0.00	0.00	0.00
8,900.0	0.00	0.00	8,886.0	308.0	-303.0	-299.2	0.00	0.00	0.00
9,000.0	0.00	0.00	8,986.0	308.0	-303.0	-299.2	0.00	0.00	0.00
9,100.0	0.00	0.00	9,086.0	308.0	-303.0	-299.2	0.00	0.00	0.00
9,200.0	0.00	0.00	9,186.0	308.0	-303.0	-299.2	0.00	0.00	0.00
9,300.0	0.00	0.00	9,286.0	308.0	-303.0	-299.2	0.00	0.00	0.00
9,400.0	0.00	0.00	9,386.0	308.0	-303.0	-299.2	0.00	0.00	0.00
9,500.0	0.00	0.00	9,486.0	308.0	-303.0	-299.2	0.00	0.00	0.00
9,600.0	0.00	0.00	9,586.0	308.0	-303.0	-299.2	0.00	0.00	0.00
9,700.0	0.00	0.00	9,686.0	308.0	-303.0	-299.2	0.00	0.00	0.00
9,800.0	0.00	0.00	9,786.0	308.0	-303.0	-299.2	0.00	0.00	0.00
9,900.0	0.00	0.00	9,886.0	308.0	-303.0	-299.2	0.00	0.00	0.00
10,000.0	0.00	0.00	9,986.0	308.0	-303.0	-299.2	0.00	0.00	0.00
10,080.5	0.00	0.00	10,066.5	308.0	-303.0	-299.2	0.00	0.00	0.00
10,100.0	2.34	178.21	10,086.0	307.6	-303.0	-298.8	12.00	12.00	0.00
10,125.0	5.34	178.21	10,111.0	305.9	-302.9	-297.1	12.00	12.00	0.00
10,150.0	8.34	178.21	10,135.8	302.9	-302.8	-294.2	12.00	12.00	0.00

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Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#503H	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)
10,175.0	11.34	178.21	10,160.4	298.7	-302.7	-289.9	12.00	12.00	0.00
10,200.0	14.34	178.21	10,184.8	293.1	-302.5	-284.4	12.00	12.00	0.00
10,225.0	17.34	178.21	10,208.8	286.3	-302.3	-277.5	12.00	12.00	0.00
10,250.0	20.34	178.21	10,232.5	278.2	-302.1	-269.5	12.00	12.00	0.00
10,275.0	23.34	178.21	10,255.7	268.9	-301.8	-260.2	12.00	12.00	0.00
10,300.0	26.34	178.21	10,278.4	258.4	-301.4	-249.7	12.00	12.00	0.00
10,325.0	29.34	178.21	10,300.5	246.8	-301.1	-238.1	12.00	12.00	0.00
10,350.0	32.34	178.21	10,321.9	234.0	-300.7	-225.3	12.00	12.00	0.00
10,375.0	35.34	178.21	10,342.7	220.0	-300.2	-211.4	12.00	12.00	0.00
10,400.0	38.34	178.21	10,362.7	205.1	-299.8	-196.4	12.00	12.00	0.00
10,425.0	41.34	178.21	10,381.9	189.1	-299.3	-180.4	12.00	12.00	0.00
10,450.0	44.34	178.21	10,400.2	172.1	-298.7	-163.5	12.00	12.00	0.00
10,475.0	47.34	178.21	10,417.6	154.1	-298.2	-145.6	12.00	12.00	0.00
10,500.0	50.34	178.21	10,434.1	135.3	-297.6	-126.8	12.00	12.00	0.00
10,525.0	53.34	178.21	10,449.5	115.7	-297.0	-107.1	12.00	12.00	0.00
10,550.0	56.34	178.21	10,463.9	95.3	-296.3	-86.7	12.00	12.00	0.00
10,575.0	59.34	178.21	10,477.2	74.1	-295.7	-65.6	12.00	12.00	0.00
10,600.0	62.34	178.21	10,489.4	52.3	-295.0	-43.8	12.00	12.00	0.00
10,625.0	65.34	178.21	10,500.4	29.9	-294.3	-21.4	12.00	12.00	0.00
10,650.0	68.34	178.21	10,510.3	6.9	-293.6	1.5	12.00	12.00	0.00
10,675.0	71.34	178.21	10,518.9	-16.6	-292.8	24.9	12.00	12.00	0.00
10,700.0	74.34	178.21	10,526.3	-40.4	-292.1	48.8	12.00	12.00	0.00
10,725.0	77.34	178.21	10,532.4	-64.7	-291.3	73.0	12.00	12.00	0.00
10,750.0	80.34	178.21	10,537.2	-89.2	-290.6	97.5	12.00	12.00	0.00
10,775.0	83.34	178.21	10,540.7	-113.9	-289.8	122.2	12.00	12.00	0.00
10,800.0	86.34	178.21	10,543.0	-138.8	-289.0	147.0	12.00	12.00	0.00
10,825.0	89.34	178.21	10,543.9	-163.8	-288.2	171.9	12.00	12.00	0.00
10,830.5	90.00	178.21	10,544.0	-169.2	-288.1	177.4	12.00	12.00	0.00
10,900.0	90.00	178.21	10,544.0	-238.7	-285.9	246.8	0.00	0.00	0.00
11,000.0	90.00	178.21	10,544.0	-338.7	-282.7	346.6	0.00	0.00	0.00
11,100.0	90.00	178.21	10,544.0	-438.6	-279.6	446.4	0.00	0.00	0.00
11,200.0	90.00	178.21	10,544.0	-538.6	-276.5	546.3	0.00	0.00	0.00
11,300.0	90.00	178.21	10,544.0	-638.5	-273.4	646.1	0.00	0.00	0.00
11,400.0	90.00	178.21	10,544.0	-738.5	-270.2	745.9	0.00	0.00	0.00
11,500.0	90.00	178.21	10,544.0	-838.4	-267.1	845.7	0.00	0.00	0.00
11,600.0	90.00	178.21	10,544.0	-938.4	-264.0	945.5	0.00	0.00	0.00
11,700.0	90.00	178.21	10,544.0	-1,038.3	-260.8	1,045.4	0.00	0.00	0.00
11,800.0	90.00	178.21	10,544.0	-1,138.3	-257.7	1,145.2	0.00	0.00	0.00
11,900.0	90.00	178.21	10,544.0	-1,238.2	-254.6	1,245.0	0.00	0.00	0.00
12,000.0	90.00	178.21	10,544.0	-1,338.2	-251.4	1,344.8	0.00	0.00	0.00
12,100.0	90.00	178.21	10,544.0	-1,438.1	-248.3	1,444.7	0.00	0.00	0.00
12,200.0	90.00	178.21	10,544.0	-1,538.1	-245.2	1,544.5	0.00	0.00	0.00
12,300.0	90.00	178.21	10,544.0	-1,638.0	-242.0	1,644.3	0.00	0.00	0.00
12,400.0	90.00	178.21	10,544.0	-1,738.0	-238.9	1,744.1	0.00	0.00	0.00
12,500.0	90.00	178.21	10,544.0	-1,837.9	-235.8	1,843.9	0.00	0.00	0.00
12,600.0	90.00	178.21	10,544.0	-1,937.9	-232.7	1,943.8	0.00	0.00	0.00
12,700.0	90.00	178.21	10,544.0	-2,037.8	-229.5	2,043.6	0.00	0.00	0.00
12,800.0	90.00	178.21	10,544.0	-2,137.8	-226.4	2,143.4	0.00	0.00	0.00
12,900.0	90.00	178.21	10,544.0	-2,237.7	-223.3	2,243.2	0.00	0.00	0.00
13,000.0	90.00	178.21	10,544.0	-2,337.7	-220.1	2,343.0	0.00	0.00	0.00
13,100.0	90.00	178.21	10,544.0	-2,437.7	-217.0	2,442.9	0.00	0.00	0.00
13,200.0	90.00	178.21	10,544.0	-2,537.6	-213.9	2,542.7	0.00	0.00	0.00
13,300.0	90.00	178.21	10,544.0	-2,637.6	-210.7	2,642.5	0.00	0.00	0.00
13,400.0	90.00	178.21	10,544.0	-2,737.5	-207.6	2,742.3	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #503H
Company:	EOG Resources - Midland	TVD Reference:	KB=25 @ 3365.0usft (Training Rig)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB=25 @ 3365.0usft (Training Rig)
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#503H	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)	
13,500.0	90.00	178.21	10,544.0	-2,837.5	-204.5	2,842.1	0.00	0.00	0.00	
13,600.0	90.00	178.21	10,544.0	-2,937.4	-201.3	2,942.0	0.00	0.00	0.00	
13,700.0	90.00	178.21	10,544.0	-3,037.4	-198.2	3,041.8	0.00	0.00	0.00	
13,800.0	90.00	178.21	10,544.0	-3,137.3	-195.1	3,141.6	0.00	0.00	0.00	
13,900.0	90.00	178.21	10,544.0	-3,237.3	-192.0	3,241.4	0.00	0.00	0.00	
14,000.0	90.00	178.21	10,544.0	-3,337.2	-188.8	3,341.2	0.00	0.00	0.00	
14,100.0	90.00	178.21	10,544.0	-3,437.2	-185.7	3,441.1	0.00	0.00	0.00	
14,200.0	90.00	178.21	10,544.0	-3,537.1	-182.6	3,540.9	0.00	0.00	0.00	
14,300.0	90.00	178.21	10,544.0	-3,637.1	-179.4	3,640.7	0.00	0.00	0.00	
14,400.0	90.00	178.21	10,544.0	-3,737.0	-176.3	3,740.5	0.00	0.00	0.00	
14,500.0	90.00	178.21	10,544.0	-3,837.0	-173.2	3,840.3	0.00	0.00	0.00	
14,600.0	90.00	178.21	10,544.0	-3,936.9	-170.0	3,940.2	0.00	0.00	0.00	
14,700.0	90.00	178.21	10,544.0	-4,036.9	-166.9	4,040.0	0.00	0.00	0.00	
14,800.0	90.00	178.21	10,544.0	-4,136.8	-163.8	4,139.8	0.00	0.00	0.00	
14,900.0	90.00	178.21	10,544.0	-4,236.8	-160.6	4,239.6	0.00	0.00	0.00	
15,000.0	90.00	178.21	10,544.0	-4,336.7	-157.5	4,339.5	0.00	0.00	0.00	
15,100.0	90.00	178.21	10,544.0	-4,436.7	-154.4	4,439.3	0.00	0.00	0.00	
15,200.0	90.00	178.21	10,544.0	-4,536.6	-151.3	4,539.1	0.00	0.00	0.00	
15,300.0	90.00	178.21	10,544.0	-4,636.6	-148.1	4,638.9	0.00	0.00	0.00	
15,400.0	90.00	178.21	10,544.0	-4,736.5	-145.0	4,738.7	0.00	0.00	0.00	
15,500.0	90.00	178.21	10,544.0	-4,836.5	-141.9	4,838.6	0.00	0.00	0.00	
15,559.6	90.00	178.21	10,544.0	-4,896.0	-140.0	4,898.0	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		
- hit/miss target										
- Shape								Longitude		
KOP[Quijote 2 State Cor - plan hits target center - Point	0.00	0.00	10,066.5	308.0	-303.0	393,375.00	755,784.00	32° 4' 46.473 N 103° 38' 27.429 W		
PBHL[Quijote 2 State Cor - plan hits target center - Point	0.00	0.00	10,544.0	-4,896.0	-140.0	388,171.00	755,947.00	32° 3' 54.966 N 103° 38' 25.923 W		
UMP[Quijote 2 State Cor - plan misses target center by 163.5usft at 10479.9usft MD (10420.9 TVD, 150.5 N, -298.1 E) - Point	0.00	0.00	10,544.0	258.0	-303.0	393,325.00	755,784.00	32° 4' 45.978 N 103° 38' 27.433 W		