



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Quijote 2 State State Com

#706H

OH

Plan: Plan #0.1

Standard Planning Report

29 May, 2019

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Quijote 2 State State Com
Well: #706H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #706H
TVD Reference: KB = 25 @ 3361.0usft
MD Reference: KB = 25 @ 3361.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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	#706H					
Well Position	+N/-S	53.0 usft	Northing:	393,120.00 usft	Latitude:	32° 4' 43.997 N
	+E/-W	-1,119.0 usft	Easting:	755,034.00 usft	Longitude:	103° 38' 36.165 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,336.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/29/2019	6.77	59.89	47,645.12226724

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	183.84	

Plan Survey Tool Program	Date	5/29/2019			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	17,151.2 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	
750.0	0.00	0.00	750.0	0.0	0.0	0.00	0.00	0.00	0.00	
965.5	4.31	300.11	965.3	4.1	-7.0	2.00	2.00	0.00	300.11	
7,302.8	4.31	300.11	7,284.7	242.9	-419.0	0.00	0.00	0.00	0.00	
7,518.3	0.00	0.00	7,500.0	247.0	-426.0	2.00	-2.00	0.00	180.00	
11,678.8	0.00	0.00	11,660.5	247.0	-426.0	0.00	0.00	0.00	0.00	KOP(Quijote 2 State (
12,428.8	90.00	178.96	12,138.0	-230.4	-417.4	12.00	12.00	23.86	178.96	
17,151.2	90.00	178.96	12,138.0	-4,952.0	-332.0	0.00	0.00	0.00	0.00	PBHL(Quijote 2 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
750.0	0.00	0.00	750.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	1.00	300.11	800.0	0.2	-0.4	-0.2	2.00	2.00	0.00
900.0	3.00	300.11	899.9	2.0	-3.4	-1.7	2.00	2.00	0.00
965.5	4.31	300.11	965.3	4.1	-7.0	-3.6	2.00	2.00	0.00
1,000.0	4.31	300.11	999.7	5.4	-9.3	-4.7	0.00	0.00	0.00
1,100.0	4.31	300.11	1,099.4	9.1	-15.8	-8.1	0.00	0.00	0.00
1,200.0	4.31	300.11	1,199.1	12.9	-22.3	-11.4	0.00	0.00	0.00
1,300.0	4.31	300.11	1,298.9	16.7	-28.8	-14.7	0.00	0.00	0.00
1,400.0	4.31	300.11	1,398.6	20.4	-35.3	-18.0	0.00	0.00	0.00
1,500.0	4.31	300.11	1,498.3	24.2	-41.8	-21.4	0.00	0.00	0.00
1,600.0	4.31	300.11	1,598.0	28.0	-48.3	-24.7	0.00	0.00	0.00
1,700.0	4.31	300.11	1,697.7	31.7	-54.8	-28.0	0.00	0.00	0.00
1,800.0	4.31	300.11	1,797.4	35.5	-61.3	-31.3	0.00	0.00	0.00
1,900.0	4.31	300.11	1,897.2	39.3	-67.8	-34.7	0.00	0.00	0.00
2,000.0	4.31	300.11	1,996.9	43.1	-74.3	-38.0	0.00	0.00	0.00
2,100.0	4.31	300.11	2,096.6	46.8	-80.8	-41.3	0.00	0.00	0.00
2,200.0	4.31	300.11	2,196.3	50.6	-87.3	-44.6	0.00	0.00	0.00
2,300.0	4.31	300.11	2,296.0	54.4	-93.8	-48.0	0.00	0.00	0.00
2,400.0	4.31	300.11	2,395.7	58.1	-100.3	-51.3	0.00	0.00	0.00
2,500.0	4.31	300.11	2,495.5	61.9	-106.8	-54.6	0.00	0.00	0.00
2,600.0	4.31	300.11	2,595.2	65.7	-113.3	-57.9	0.00	0.00	0.00
2,700.0	4.31	300.11	2,694.9	69.4	-119.8	-61.3	0.00	0.00	0.00
2,800.0	4.31	300.11	2,794.6	73.2	-126.3	-64.6	0.00	0.00	0.00
2,900.0	4.31	300.11	2,894.3	77.0	-132.8	-67.9	0.00	0.00	0.00
3,000.0	4.31	300.11	2,994.0	80.8	-139.3	-71.3	0.00	0.00	0.00
3,100.0	4.31	300.11	3,093.8	84.5	-145.8	-74.6	0.00	0.00	0.00
3,200.0	4.31	300.11	3,193.5	88.3	-152.3	-77.9	0.00	0.00	0.00
3,300.0	4.31	300.11	3,293.2	92.1	-158.8	-81.2	0.00	0.00	0.00
3,400.0	4.31	300.11	3,392.9	95.8	-165.3	-84.6	0.00	0.00	0.00
3,500.0	4.31	300.11	3,492.6	99.6	-171.8	-87.9	0.00	0.00	0.00
3,600.0	4.31	300.11	3,592.3	103.4	-178.3	-91.2	0.00	0.00	0.00
3,700.0	4.31	300.11	3,692.1	107.1	-184.8	-94.5	0.00	0.00	0.00
3,800.0	4.31	300.11	3,791.8	110.9	-191.3	-97.9	0.00	0.00	0.00
3,900.0	4.31	300.11	3,891.5	114.7	-197.8	-101.2	0.00	0.00	0.00
4,000.0	4.31	300.11	3,991.2	118.4	-204.3	-104.5	0.00	0.00	0.00
4,100.0	4.31	300.11	4,090.9	122.2	-210.8	-107.8	0.00	0.00	0.00
4,200.0	4.31	300.11	4,190.7	126.0	-217.3	-111.2	0.00	0.00	0.00
4,300.0	4.31	300.11	4,290.4	129.8	-223.8	-114.5	0.00	0.00	0.00
4,400.0	4.31	300.11	4,390.1	133.5	-230.3	-117.8	0.00	0.00	0.00
4,500.0	4.31	300.11	4,489.8	137.3	-236.8	-121.1	0.00	0.00	0.00
4,600.0	4.31	300.11	4,589.5	141.1	-243.3	-124.5	0.00	0.00	0.00
4,700.0	4.31	300.11	4,689.2	144.8	-249.8	-127.8	0.00	0.00	0.00
4,800.0	4.31	300.11	4,789.0	148.6	-256.3	-131.1	0.00	0.00	0.00
4,900.0	4.31	300.11	4,888.7	152.4	-262.8	-134.4	0.00	0.00	0.00
5,000.0	4.31	300.11	4,988.4	156.1	-269.3	-137.8	0.00	0.00	0.00
5,100.0	4.31	300.11	5,088.1	159.9	-275.8	-141.1	0.00	0.00	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)
5,200.0	4.31	300.11	5,187.8	163.7	-282.3	-144.4	0.00	0.00	0.00
5,300.0	4.31	300.11	5,287.5	167.4	-288.8	-147.8	0.00	0.00	0.00
5,400.0	4.31	300.11	5,387.3	171.2	-295.3	-151.1	0.00	0.00	0.00
5,500.0	4.31	300.11	5,487.0	175.0	-301.8	-154.4	0.00	0.00	0.00
5,600.0	4.31	300.11	5,586.7	178.8	-308.3	-157.7	0.00	0.00	0.00
5,700.0	4.31	300.11	5,686.4	182.5	-314.8	-161.1	0.00	0.00	0.00
5,800.0	4.31	300.11	5,786.1	186.3	-321.3	-164.4	0.00	0.00	0.00
5,900.0	4.31	300.11	5,885.8	190.1	-327.8	-167.7	0.00	0.00	0.00
6,000.0	4.31	300.11	5,985.6	193.8	-334.3	-171.0	0.00	0.00	0.00
6,100.0	4.31	300.11	6,085.3	197.6	-340.8	-174.4	0.00	0.00	0.00
6,200.0	4.31	300.11	6,185.0	201.4	-347.3	-177.7	0.00	0.00	0.00
6,300.0	4.31	300.11	6,284.7	205.1	-353.8	-181.0	0.00	0.00	0.00
6,400.0	4.31	300.11	6,384.4	208.9	-360.3	-184.3	0.00	0.00	0.00
6,500.0	4.31	300.11	6,484.1	212.7	-366.8	-187.7	0.00	0.00	0.00
6,600.0	4.31	300.11	6,583.9	216.4	-373.3	-191.0	0.00	0.00	0.00
6,700.0	4.31	300.11	6,683.6	220.2	-379.8	-194.3	0.00	0.00	0.00
6,800.0	4.31	300.11	6,783.3	224.0	-386.3	-197.6	0.00	0.00	0.00
6,900.0	4.31	300.11	6,883.0	227.8	-392.8	-201.0	0.00	0.00	0.00
7,000.0	4.31	300.11	6,982.7	231.5	-399.3	-204.3	0.00	0.00	0.00
7,100.0	4.31	300.11	7,082.5	235.3	-405.8	-207.6	0.00	0.00	0.00
7,200.0	4.31	300.11	7,182.2	239.1	-412.3	-210.9	0.00	0.00	0.00
7,302.8	4.31	300.11	7,284.7	242.9	-419.0	-214.4	0.00	0.00	0.00
7,400.0	2.37	300.11	7,381.7	245.8	-423.9	-216.9	2.00	-2.00	0.00
7,500.0	0.37	300.11	7,481.7	247.0	-425.9	-217.9	2.00	-2.00	0.00
7,518.3	0.00	0.00	7,500.0	247.0	-426.0	-218.0	2.00	-2.00	0.00
7,600.0	0.00	0.00	7,581.7	247.0	-426.0	-218.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,681.7	247.0	-426.0	-218.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,781.7	247.0	-426.0	-218.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,881.7	247.0	-426.0	-218.0	0.00	0.00	0.00
8,000.0	0.00	0.00	7,981.7	247.0	-426.0	-218.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,081.7	247.0	-426.0	-218.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,181.7	247.0	-426.0	-218.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,281.7	247.0	-426.0	-218.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,381.7	247.0	-426.0	-218.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,481.7	247.0	-426.0	-218.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,581.7	247.0	-426.0	-218.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,681.7	247.0	-426.0	-218.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,781.7	247.0	-426.0	-218.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,881.7	247.0	-426.0	-218.0	0.00	0.00	0.00
9,000.0	0.00	0.00	8,981.7	247.0	-426.0	-218.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,081.7	247.0	-426.0	-218.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,181.7	247.0	-426.0	-218.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,281.7	247.0	-426.0	-218.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,381.7	247.0	-426.0	-218.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,481.7	247.0	-426.0	-218.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,581.7	247.0	-426.0	-218.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,681.7	247.0	-426.0	-218.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,781.7	247.0	-426.0	-218.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,881.7	247.0	-426.0	-218.0	0.00	0.00	0.00
10,000.0	0.00	0.00	9,981.7	247.0	-426.0	-218.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,081.7	247.0	-426.0	-218.0	0.00	0.00	0.00
10,200.0	0.00	0.00	10,181.7	247.0	-426.0	-218.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,281.7	247.0	-426.0	-218.0	0.00	0.00	0.00
10,400.0	0.00	0.00	10,381.7	247.0	-426.0	-218.0	0.00	0.00	0.00



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10,500.0	0.00	0.00	10,481.7	247.0	-426.0	-218.0	0.00	0.00	0.00
10,600.0	0.00	0.00	10,581.7	247.0	-426.0	-218.0	0.00	0.00	0.00
10,700.0	0.00	0.00	10,681.7	247.0	-426.0	-218.0	0.00	0.00	0.00
10,800.0	0.00	0.00	10,781.7	247.0	-426.0	-218.0	0.00	0.00	0.00
10,900.0	0.00	0.00	10,881.7	247.0	-426.0	-218.0	0.00	0.00	0.00
11,000.0	0.00	0.00	10,981.7	247.0	-426.0	-218.0	0.00	0.00	0.00
11,100.0	0.00	0.00	11,081.7	247.0	-426.0	-218.0	0.00	0.00	0.00
11,200.0	0.00	0.00	11,181.7	247.0	-426.0	-218.0	0.00	0.00	0.00
11,300.0	0.00	0.00	11,281.7	247.0	-426.0	-218.0	0.00	0.00	0.00
11,400.0	0.00	0.00	11,381.7	247.0	-426.0	-218.0	0.00	0.00	0.00
11,500.0	0.00	0.00	11,481.7	247.0	-426.0	-218.0	0.00	0.00	0.00
11,600.0	0.00	0.00	11,581.7	247.0	-426.0	-218.0	0.00	0.00	0.00
11,678.8	0.00	0.00	11,660.5	247.0	-426.0	-218.0	0.00	0.00	0.00
KOP(Quijote 2 State Com #706H)									
11,700.0	2.54	178.96	11,681.7	246.5	-426.0	-217.5	12.00	12.00	0.00
11,725.0	5.54	178.96	11,706.6	244.8	-426.0	-215.7	12.00	12.00	0.00
11,750.0	8.54	178.96	11,731.4	241.7	-425.9	-212.7	12.00	12.00	0.00
11,775.0	11.54	178.96	11,756.0	237.3	-425.8	-208.3	12.00	12.00	0.00
11,800.0	14.54	178.96	11,780.4	231.7	-425.7	-202.7	12.00	12.00	0.00
11,825.0	17.54	178.96	11,804.4	224.8	-425.6	-195.8	12.00	12.00	0.00
11,850.0	20.54	178.96	11,828.0	216.6	-425.5	-187.7	12.00	12.00	0.00
11,875.0	23.54	178.96	11,851.2	207.3	-425.3	-178.4	12.00	12.00	0.00
11,900.0	26.54	178.96	11,873.8	196.7	-425.1	-167.8	12.00	12.00	0.00
11,925.0	29.54	178.96	11,895.9	184.9	-424.9	-156.1	12.00	12.00	0.00
11,950.0	32.54	178.96	11,917.3	172.1	-424.6	-143.3	12.00	12.00	0.00
11,975.0	35.54	178.96	11,938.0	158.1	-424.4	-129.3	12.00	12.00	0.00
12,000.0	38.54	178.96	11,958.0	143.0	-424.1	-114.3	12.00	12.00	0.00
12,025.0	41.54	178.96	11,977.1	126.9	-423.8	-98.3	12.00	12.00	0.00
12,050.0	44.54	178.96	11,995.4	109.9	-423.5	-81.3	12.00	12.00	0.00
12,075.0	47.54	178.96	12,012.8	91.9	-423.2	-63.4	12.00	12.00	0.00
12,077.7	47.86	178.96	12,014.6	89.9	-423.2	-61.4	12.00	12.00	0.00
FTP(Quijote 2 State Com #706H)									
12,100.0	50.54	178.96	12,029.1	73.0	-422.9	-44.6	12.00	12.00	0.00
12,125.0	53.54	178.96	12,044.5	53.3	-422.5	-24.9	12.00	12.00	0.00
12,150.0	56.54	178.96	12,058.8	32.8	-422.1	-4.5	12.00	12.00	0.00
12,175.0	59.54	178.96	12,072.1	11.6	-421.7	16.6	12.00	12.00	0.00
12,200.0	62.54	178.96	12,084.2	-10.3	-421.3	38.4	12.00	12.00	0.00
12,225.0	65.54	178.96	12,095.1	-32.7	-420.9	60.8	12.00	12.00	0.00
12,250.0	68.54	178.96	12,104.9	-55.7	-420.5	83.7	12.00	12.00	0.00
12,275.0	71.54	178.96	12,113.4	-79.2	-420.1	107.2	12.00	12.00	0.00
12,300.0	74.54	178.96	12,120.7	-103.1	-419.7	131.0	12.00	12.00	0.00
12,325.0	77.54	178.96	12,126.7	-127.4	-419.2	155.2	12.00	12.00	0.00
12,350.0	80.54	178.96	12,131.5	-151.9	-418.8	179.6	12.00	12.00	0.00
12,375.0	83.54	178.96	12,134.9	-176.7	-418.3	204.3	12.00	12.00	0.00
12,400.0	86.54	178.96	12,137.1	-201.6	-417.9	229.1	12.00	12.00	0.00
12,425.0	89.54	178.96	12,137.9	-226.6	-417.4	254.0	12.00	12.00	0.00
12,428.8	90.00	178.96	12,138.0	-230.4	-417.4	257.8	12.00	12.00	0.00
12,500.0	90.00	178.96	12,138.0	-301.6	-416.1	328.7	0.00	0.00	0.00
12,600.0	90.00	178.96	12,138.0	-401.5	-414.3	428.3	0.00	0.00	0.00
12,700.0	90.00	178.96	12,138.0	-501.5	-412.5	528.0	0.00	0.00	0.00
12,800.0	90.00	178.96	12,138.0	-601.5	-410.7	627.6	0.00	0.00	0.00
12,900.0	90.00	178.96	12,138.0	-701.5	-408.9	727.3	0.00	0.00	0.00
13,000.0	90.00	178.96	12,138.0	-801.5	-407.0	826.9	0.00	0.00	0.00
13,100.0	90.00	178.96	12,138.0	-901.5	-405.2	926.5	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Quijote 2 State State Com
 Well: #706H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #706H
 TVD Reference: KB = 25 @ 3361.0usft
 MD Reference: KB = 25 @ 3361.0usft
 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)
13,200.0	90.00	178.96	12,138.0	-1,001.4	-403.4	1,026.2	0.00	0.00	0.00
13,300.0	90.00	178.96	12,138.0	-1,101.4	-401.6	1,125.8	0.00	0.00	0.00
13,400.0	90.00	178.96	12,138.0	-1,201.4	-399.8	1,225.5	0.00	0.00	0.00
13,500.0	90.00	178.96	12,138.0	-1,301.4	-398.0	1,325.1	0.00	0.00	0.00
13,600.0	90.00	178.96	12,138.0	-1,401.4	-396.2	1,424.7	0.00	0.00	0.00
13,700.0	90.00	178.96	12,138.0	-1,501.4	-394.4	1,524.4	0.00	0.00	0.00
13,800.0	90.00	178.96	12,138.0	-1,601.3	-392.6	1,624.0	0.00	0.00	0.00
13,900.0	90.00	178.96	12,138.0	-1,701.3	-390.8	1,723.7	0.00	0.00	0.00
14,000.0	90.00	178.96	12,138.0	-1,801.3	-389.0	1,823.3	0.00	0.00	0.00
14,100.0	90.00	178.96	12,138.0	-1,901.3	-387.2	1,922.9	0.00	0.00	0.00
14,200.0	90.00	178.96	12,138.0	-2,001.3	-385.4	2,022.6	0.00	0.00	0.00
14,300.0	90.00	178.96	12,138.0	-2,101.3	-383.5	2,122.2	0.00	0.00	0.00
14,400.0	90.00	178.96	12,138.0	-2,201.2	-381.7	2,221.8	0.00	0.00	0.00
14,500.0	90.00	178.96	12,138.0	-2,301.2	-379.9	2,321.5	0.00	0.00	0.00
14,600.0	90.00	178.96	12,138.0	-2,401.2	-378.1	2,421.1	0.00	0.00	0.00
14,700.0	90.00	178.96	12,138.0	-2,501.2	-376.3	2,520.8	0.00	0.00	0.00
14,800.0	90.00	178.96	12,138.0	-2,601.2	-374.5	2,620.4	0.00	0.00	0.00
14,900.0	90.00	178.96	12,138.0	-2,701.2	-372.7	2,720.0	0.00	0.00	0.00
15,000.0	90.00	178.96	12,138.0	-2,801.1	-370.9	2,819.7	0.00	0.00	0.00
15,100.0	90.00	178.96	12,138.0	-2,901.1	-369.1	2,919.3	0.00	0.00	0.00
15,200.0	90.00	178.96	12,138.0	-3,001.1	-367.3	3,019.0	0.00	0.00	0.00
15,300.0	90.00	178.96	12,138.0	-3,101.1	-365.5	3,118.6	0.00	0.00	0.00
15,400.0	90.00	178.96	12,138.0	-3,201.1	-363.7	3,218.2	0.00	0.00	0.00
15,500.0	90.00	178.96	12,138.0	-3,301.1	-361.8	3,317.9	0.00	0.00	0.00
15,600.0	90.00	178.96	12,138.0	-3,401.0	-360.0	3,417.5	0.00	0.00	0.00
15,700.0	90.00	178.96	12,138.0	-3,501.0	-358.2	3,517.1	0.00	0.00	0.00
15,800.0	90.00	178.96	12,138.0	-3,601.0	-356.4	3,616.8	0.00	0.00	0.00
15,900.0	90.00	178.96	12,138.0	-3,701.0	-354.6	3,716.4	0.00	0.00	0.00
16,000.0	90.00	178.96	12,138.0	-3,801.0	-352.8	3,816.1	0.00	0.00	0.00
16,100.0	90.00	178.96	12,138.0	-3,901.0	-351.0	3,915.7	0.00	0.00	0.00
16,200.0	90.00	178.96	12,138.0	-4,000.9	-349.2	4,015.3	0.00	0.00	0.00
16,300.0	90.00	178.96	12,138.0	-4,100.9	-347.4	4,115.0	0.00	0.00	0.00
16,400.0	90.00	178.96	12,138.0	-4,200.9	-345.6	4,214.6	0.00	0.00	0.00
16,500.0	90.00	178.96	12,138.0	-4,300.9	-343.8	4,314.3	0.00	0.00	0.00
16,600.0	90.00	178.96	12,138.0	-4,400.9	-342.0	4,413.9	0.00	0.00	0.00
16,700.0	90.00	178.96	12,138.0	-4,500.9	-340.2	4,513.5	0.00	0.00	0.00
16,800.0	90.00	178.96	12,138.0	-4,600.8	-338.3	4,613.2	0.00	0.00	0.00
16,900.0	90.00	178.96	12,138.0	-4,700.8	-336.5	4,712.8	0.00	0.00	0.00
17,000.0	90.00	178.96	12,138.0	-4,800.8	-334.7	4,812.5	0.00	0.00	0.00
17,100.0	90.00	178.96	12,138.0	-4,900.8	-332.9	4,912.1	0.00	0.00	0.00
17,151.2	90.00	178.96	12,138.0	-4,952.0	-332.0	4,963.1	0.00	0.00	0.00

PBHL(Quijote 2 State Com #706H)

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #706H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3361.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3361.0usft
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#706H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	11,660.5	247.0	-426.0	393,367.00	754,608.00	32° 4' 46.468 N	103° 38' 41.098 W
FTP(Quijote 2 State Cor - plan misses target center by 163.5usft at 12077.7usft MD (12014.6 TVD, 89.9 N, -423.2 E) - Point	0.00	0.00	12,138.0	197.0	-426.0	393,317.00	754,608.00	32° 4' 45.973 N	103° 38' 41.102 W
PBHL(Quijote 2 State Cr - plan hits target center - Point	0.00	0.00	12,138.0	-4,952.0	-332.0	388,168.00	754,702.00	32° 3' 55.015 N	103° 38' 40.391 W