



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Quijote 2 State State Com

#704H

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: #704H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
 TVD Reference: KB = 25 @ 3363.0usft
 MD Reference: KB = 25 @ 3363.0usft
 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
From:	Map	Easting:	756,153.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 4' 43.401 N
		Longitude:	103° 38' 23.163 W
		Grid Convergence:	0.37 °

Well	#704H		
Well Position	+N/-S	53.0 usft	Northing:
	+E/-W	-1,053.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	393,120.00 usft
		Ground Level:	3,338.0 usft
		Latitude:	32° 4' 43.993 N
		Longitude:	103° 38' 35.398 W

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	5/29/2019	(°)
			6.77
			Dip Angle
			(°)
			59.89
			Field Strength
			(nT)
			47,645.12921714

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			174.79

Plan Survey Tool Program	Date 5/29/2019		
Depth From	Depth To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
1	0.0	17,163.6 Plan #0.1 (OH)	MWD
			OWSG MWD - Standard
			Remarks

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
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	
916.7	3.33	48.91	916.6	3.2	3.7	2.00	2.00	0.00	48.91	
7,344.4	3.33	48.91	7,333.4	248.8	285.3	0.00	0.00	0.00	0.00	
7,511.1	0.00	0.00	7,500.0	252.0	289.0	2.00	-2.00	0.00	180.00	
11,686.6	0.00	0.00	11,675.5	252.0	289.0	0.00	0.00	0.00	0.00	KOP(Quijote 2 State (
12,436.6	90.00	178.22	12,153.0	-225.2	303.9	12.00	12.00	23.76	178.22	
17,163.6	90.00	178.22	12,153.0	-4,950.0	451.0	0.00	0.00	0.00	0.00	PBHL(Quijote 2 State



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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)
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	48.91	800.0	0.3	0.3	-0.3	2.00	2.00	0.00
900.0	3.00	48.91	899.9	2.6	3.0	-2.3	2.00	2.00	0.00
916.7	3.33	48.91	916.6	3.2	3.7	-2.8	2.00	2.00	0.00
1,000.0	3.33	48.91	999.8	6.4	7.3	-5.7	0.00	0.00	0.00
1,100.0	3.33	48.91	1,099.6	10.2	11.7	-9.1	0.00	0.00	0.00
1,200.0	3.33	48.91	1,199.4	14.0	16.1	-12.5	0.00	0.00	0.00
1,300.0	3.33	48.91	1,299.3	17.8	20.5	-15.9	0.00	0.00	0.00
1,400.0	3.33	48.91	1,399.1	21.7	24.8	-19.3	0.00	0.00	0.00
1,500.0	3.33	48.91	1,498.9	25.5	29.2	-22.7	0.00	0.00	0.00
1,600.0	3.33	48.91	1,598.7	29.3	33.6	-26.1	0.00	0.00	0.00
1,700.0	3.33	48.91	1,698.6	33.1	38.0	-29.5	0.00	0.00	0.00
1,800.0	3.33	48.91	1,798.4	36.9	42.4	-32.9	0.00	0.00	0.00
1,900.0	3.33	48.91	1,898.2	40.8	46.7	-36.4	0.00	0.00	0.00
2,000.0	3.33	48.91	1,998.1	44.6	51.1	-39.8	0.00	0.00	0.00
2,100.0	3.33	48.91	2,097.9	48.4	55.5	-43.2	0.00	0.00	0.00
2,200.0	3.33	48.91	2,197.7	52.2	59.9	-46.6	0.00	0.00	0.00
2,300.0	3.33	48.91	2,297.6	56.0	64.3	-50.0	0.00	0.00	0.00
2,400.0	3.33	48.91	2,397.4	59.9	68.7	-53.4	0.00	0.00	0.00
2,500.0	3.33	48.91	2,497.2	63.7	73.0	-56.8	0.00	0.00	0.00
2,600.0	3.33	48.91	2,597.1	67.5	77.4	-60.2	0.00	0.00	0.00
2,700.0	3.33	48.91	2,696.9	71.3	81.8	-63.6	0.00	0.00	0.00
2,800.0	3.33	48.91	2,796.7	75.2	86.2	-67.0	0.00	0.00	0.00
2,900.0	3.33	48.91	2,896.6	79.0	90.6	-70.4	0.00	0.00	0.00
3,000.0	3.33	48.91	2,996.4	82.8	95.0	-73.8	0.00	0.00	0.00
3,100.0	3.33	48.91	3,096.2	86.6	99.3	-77.2	0.00	0.00	0.00
3,200.0	3.33	48.91	3,196.0	90.4	103.7	-80.7	0.00	0.00	0.00
3,300.0	3.33	48.91	3,295.9	94.3	108.1	-84.1	0.00	0.00	0.00
3,400.0	3.33	48.91	3,395.7	98.1	112.5	-87.5	0.00	0.00	0.00
3,500.0	3.33	48.91	3,495.5	101.9	116.9	-90.9	0.00	0.00	0.00
3,600.0	3.33	48.91	3,595.4	105.7	121.2	-94.3	0.00	0.00	0.00
3,700.0	3.33	48.91	3,695.2	109.5	125.6	-97.7	0.00	0.00	0.00
3,800.0	3.33	48.91	3,795.0	113.4	130.0	-101.1	0.00	0.00	0.00
3,900.0	3.33	48.91	3,894.9	117.2	134.4	-104.5	0.00	0.00	0.00
4,000.0	3.33	48.91	3,994.7	121.0	138.8	-107.9	0.00	0.00	0.00
4,100.0	3.33	48.91	4,094.5	124.8	143.2	-111.3	0.00	0.00	0.00
4,200.0	3.33	48.91	4,194.4	128.7	147.5	-114.7	0.00	0.00	0.00
4,300.0	3.33	48.91	4,294.2	132.5	151.9	-118.1	0.00	0.00	0.00
4,400.0	3.33	48.91	4,394.0	136.3	156.3	-121.6	0.00	0.00	0.00
4,500.0	3.33	48.91	4,493.8	140.1	160.7	-125.0	0.00	0.00	0.00
4,600.0	3.33	48.91	4,593.7	143.9	165.1	-128.4	0.00	0.00	0.00
4,700.0	3.33	48.91	4,693.5	147.8	169.5	-131.8	0.00	0.00	0.00
4,800.0	3.33	48.91	4,793.3	151.6	173.8	-135.2	0.00	0.00	0.00
4,900.0	3.33	48.91	4,893.2	155.4	178.2	-138.6	0.00	0.00	0.00
5,000.0	3.33	48.91	4,993.0	159.2	182.6	-142.0	0.00	0.00	0.00
5,100.0	3.33	48.91	5,092.8	163.0	187.0	-145.4	0.00	0.00	0.00



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5,200.0	3.33	48.91	5,192.7	166.9	191.4	-148.8	0.00	0.00	0.00
5,300.0	3.33	48.91	5,292.5	170.7	195.8	-152.2	0.00	0.00	0.00
5,400.0	3.33	48.91	5,392.3	174.5	200.1	-155.6	0.00	0.00	0.00
5,500.0	3.33	48.91	5,492.2	178.3	204.5	-159.0	0.00	0.00	0.00
5,600.0	3.33	48.91	5,592.0	182.2	208.9	-162.4	0.00	0.00	0.00
5,700.0	3.33	48.91	5,691.8	186.0	213.3	-165.9	0.00	0.00	0.00
5,800.0	3.33	48.91	5,791.6	189.8	217.7	-169.3	0.00	0.00	0.00
5,900.0	3.33	48.91	5,891.5	193.6	222.0	-172.7	0.00	0.00	0.00
6,000.0	3.33	48.91	5,991.3	197.4	226.4	-176.1	0.00	0.00	0.00
6,100.0	3.33	48.91	6,091.1	201.3	230.8	-179.5	0.00	0.00	0.00
6,200.0	3.33	48.91	6,191.0	205.1	235.2	-182.9	0.00	0.00	0.00
6,300.0	3.33	48.91	6,290.8	208.9	239.6	-186.3	0.00	0.00	0.00
6,400.0	3.33	48.91	6,390.6	212.7	244.0	-189.7	0.00	0.00	0.00
6,500.0	3.33	48.91	6,490.5	216.5	248.3	-193.1	0.00	0.00	0.00
6,600.0	3.33	48.91	6,590.3	220.4	252.7	-196.5	0.00	0.00	0.00
6,700.0	3.33	48.91	6,690.1	224.2	257.1	-199.9	0.00	0.00	0.00
6,800.0	3.33	48.91	6,790.0	228.0	261.5	-203.3	0.00	0.00	0.00
6,900.0	3.33	48.91	6,889.8	231.8	265.9	-206.8	0.00	0.00	0.00
7,000.0	3.33	48.91	6,989.6	235.7	270.3	-210.2	0.00	0.00	0.00
7,100.0	3.33	48.91	7,089.4	239.5	274.6	-213.6	0.00	0.00	0.00
7,200.0	3.33	48.91	7,189.3	243.3	279.0	-217.0	0.00	0.00	0.00
7,300.0	3.33	48.91	7,289.1	247.1	283.4	-220.4	0.00	0.00	0.00
7,344.4	3.33	48.91	7,333.4	248.8	285.3	-221.9	0.00	0.00	0.00
7,400.0	2.22	48.91	7,389.0	250.6	287.4	-223.5	2.00	-2.00	0.00
7,500.0	0.22	48.91	7,488.9	252.0	289.0	-224.7	2.00	-2.00	0.00
7,511.1	0.00	0.00	7,500.0	252.0	289.0	-224.7	2.00	-2.00	0.00
7,600.0	0.00	0.00	7,588.9	252.0	289.0	-224.7	0.00	0.00	0.00
7,700.0	0.00	0.00	7,688.9	252.0	289.0	-224.7	0.00	0.00	0.00
7,800.0	0.00	0.00	7,788.9	252.0	289.0	-224.7	0.00	0.00	0.00
7,900.0	0.00	0.00	7,888.9	252.0	289.0	-224.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,988.9	252.0	289.0	-224.7	0.00	0.00	0.00
8,100.0	0.00	0.00	8,088.9	252.0	289.0	-224.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,188.9	252.0	289.0	-224.7	0.00	0.00	0.00
8,300.0	0.00	0.00	8,288.9	252.0	289.0	-224.7	0.00	0.00	0.00
8,400.0	0.00	0.00	8,388.9	252.0	289.0	-224.7	0.00	0.00	0.00
8,500.0	0.00	0.00	8,488.9	252.0	289.0	-224.7	0.00	0.00	0.00
8,600.0	0.00	0.00	8,588.9	252.0	289.0	-224.7	0.00	0.00	0.00
8,700.0	0.00	0.00	8,688.9	252.0	289.0	-224.7	0.00	0.00	0.00
8,800.0	0.00	0.00	8,788.9	252.0	289.0	-224.7	0.00	0.00	0.00
8,900.0	0.00	0.00	8,888.9	252.0	289.0	-224.7	0.00	0.00	0.00
9,000.0	0.00	0.00	8,988.9	252.0	289.0	-224.7	0.00	0.00	0.00
9,100.0	0.00	0.00	9,088.9	252.0	289.0	-224.7	0.00	0.00	0.00
9,200.0	0.00	0.00	9,188.9	252.0	289.0	-224.7	0.00	0.00	0.00
9,300.0	0.00	0.00	9,288.9	252.0	289.0	-224.7	0.00	0.00	0.00
9,400.0	0.00	0.00	9,388.9	252.0	289.0	-224.7	0.00	0.00	0.00
9,500.0	0.00	0.00	9,488.9	252.0	289.0	-224.7	0.00	0.00	0.00
9,600.0	0.00	0.00	9,588.9	252.0	289.0	-224.7	0.00	0.00	0.00
9,700.0	0.00	0.00	9,688.9	252.0	289.0	-224.7	0.00	0.00	0.00
9,800.0	0.00	0.00	9,788.9	252.0	289.0	-224.7	0.00	0.00	0.00
9,900.0	0.00	0.00	9,888.9	252.0	289.0	-224.7	0.00	0.00	0.00
10,000.0	0.00	0.00	9,988.9	252.0	289.0	-224.7	0.00	0.00	0.00
10,100.0	0.00	0.00	10,088.9	252.0	289.0	-224.7	0.00	0.00	0.00
10,200.0	0.00	0.00	10,188.9	252.0	289.0	-224.7	0.00	0.00	0.00
10,300.0	0.00	0.00	10,288.9	252.0	289.0	-224.7	0.00	0.00	0.00

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10,400.0	0.00	0.00	10,388.9	252.0	289.0	-224.7	0.00	0.00	0.00
10,500.0	0.00	0.00	10,488.9	252.0	289.0	-224.7	0.00	0.00	0.00
10,600.0	0.00	0.00	10,588.9	252.0	289.0	-224.7	0.00	0.00	0.00
10,700.0	0.00	0.00	10,688.9	252.0	289.0	-224.7	0.00	0.00	0.00
10,800.0	0.00	0.00	10,788.9	252.0	289.0	-224.7	0.00	0.00	0.00
10,900.0	0.00	0.00	10,888.9	252.0	289.0	-224.7	0.00	0.00	0.00
11,000.0	0.00	0.00	10,988.9	252.0	289.0	-224.7	0.00	0.00	0.00
11,100.0	0.00	0.00	11,088.9	252.0	289.0	-224.7	0.00	0.00	0.00
11,200.0	0.00	0.00	11,188.9	252.0	289.0	-224.7	0.00	0.00	0.00
11,300.0	0.00	0.00	11,288.9	252.0	289.0	-224.7	0.00	0.00	0.00
11,400.0	0.00	0.00	11,388.9	252.0	289.0	-224.7	0.00	0.00	0.00
11,500.0	0.00	0.00	11,488.9	252.0	289.0	-224.7	0.00	0.00	0.00
11,600.0	0.00	0.00	11,588.9	252.0	289.0	-224.7	0.00	0.00	0.00
11,686.6	0.00	0.00	11,675.5	252.0	289.0	-224.7	0.00	0.00	0.00
KOP(Quijote 2 State Com #704H)									
11,700.0	1.61	178.22	11,688.9	251.8	289.0	-224.5	12.00	12.00	0.00
11,725.0	4.61	178.22	11,713.9	250.5	289.0	-223.2	12.00	12.00	0.00
11,750.0	7.61	178.22	11,738.8	247.8	289.1	-220.5	12.00	12.00	0.00
11,775.0	10.61	178.22	11,763.4	243.8	289.3	-216.6	12.00	12.00	0.00
11,800.0	13.61	178.22	11,787.9	238.6	289.4	-211.3	12.00	12.00	0.00
11,825.0	16.61	178.22	11,812.0	232.1	289.6	-204.8	12.00	12.00	0.00
11,850.0	19.61	178.22	11,835.8	224.3	289.9	-197.1	12.00	12.00	0.00
11,875.0	22.61	178.22	11,859.1	215.3	290.1	-188.1	12.00	12.00	0.00
11,900.0	25.61	178.22	11,881.9	205.1	290.5	-177.9	12.00	12.00	0.00
11,925.0	28.61	178.22	11,904.1	193.7	290.8	-166.5	12.00	12.00	0.00
11,950.0	31.61	178.22	11,925.8	181.2	291.2	-154.0	12.00	12.00	0.00
11,975.0	34.61	178.22	11,946.7	167.5	291.6	-140.4	12.00	12.00	0.00
12,000.0	37.61	178.22	11,966.9	152.8	292.1	-125.7	12.00	12.00	0.00
12,025.0	40.61	178.22	11,986.3	137.0	292.6	-109.9	12.00	12.00	0.00
12,050.0	43.61	178.22	12,004.8	120.3	293.1	-93.2	12.00	12.00	0.00
12,075.0	46.61	178.22	12,022.5	102.6	293.7	-75.5	12.00	12.00	0.00
12,088.1	48.18	178.22	12,031.3	93.0	294.0	-65.9	12.00	12.00	0.00
FTP(Quijote 2 State Com #704H)									
12,100.0	49.61	178.22	12,039.2	84.0	294.2	-56.9	12.00	12.00	0.00
12,125.0	52.61	178.22	12,054.9	64.5	294.8	-37.5	12.00	12.00	0.00
12,150.0	55.61	178.22	12,069.5	44.3	295.5	-17.3	12.00	12.00	0.00
12,175.0	58.61	178.22	12,083.1	23.3	296.1	3.6	12.00	12.00	0.00
12,200.0	61.61	178.22	12,095.6	1.7	296.8	25.3	12.00	12.00	0.00
12,225.0	64.61	178.22	12,106.9	-20.6	297.5	47.5	12.00	12.00	0.00
12,250.0	67.61	178.22	12,117.0	-43.5	298.2	70.3	12.00	12.00	0.00
12,275.0	70.61	178.22	12,125.9	-66.8	298.9	93.7	12.00	12.00	0.00
12,300.0	73.61	178.22	12,133.6	-90.6	299.7	117.4	12.00	12.00	0.00
12,325.0	76.61	178.22	12,140.0	-114.7	300.4	141.5	12.00	12.00	0.00
12,350.0	79.61	178.22	12,145.1	-139.2	301.2	165.9	12.00	12.00	0.00
12,375.0	82.61	178.22	12,149.0	-163.9	302.0	190.6	12.00	12.00	0.00
12,400.0	85.61	178.22	12,151.6	-188.7	302.7	215.4	12.00	12.00	0.00
12,425.0	88.61	178.22	12,152.8	-213.7	303.5	240.3	12.00	12.00	0.00
12,436.6	90.00	178.22	12,153.0	-225.2	303.9	251.9	12.00	12.00	0.00
12,500.0	90.00	178.22	12,153.0	-288.6	305.8	315.2	0.00	0.00	0.00
12,600.0	90.00	178.22	12,153.0	-388.6	308.9	415.0	0.00	0.00	0.00
12,700.0	90.00	178.22	12,153.0	-488.5	312.1	514.8	0.00	0.00	0.00
12,800.0	90.00	178.22	12,153.0	-588.5	315.2	614.7	0.00	0.00	0.00
12,900.0	90.00	178.22	12,153.0	-688.4	318.3	714.5	0.00	0.00	0.00
13,000.0	90.00	178.22	12,153.0	-788.4	321.4	814.3	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #704H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3363.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3363.0usft
Site:	Quiljote 2 State State Com	North Reference:	Grid
Well:	#704H	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)
13,100.0	90.00	178.22	12,153.0	-888.3	324.5	914.1	0.00	0.00	0.00
13,200.0	90.00	178.22	12,153.0	-988.3	327.6	1,014.0	0.00	0.00	0.00
13,300.0	90.00	178.22	12,153.0	-1,088.3	330.7	1,113.8	0.00	0.00	0.00
13,400.0	90.00	178.22	12,153.0	-1,188.2	333.9	1,213.6	0.00	0.00	0.00
13,500.0	90.00	178.22	12,153.0	-1,288.2	337.0	1,313.4	0.00	0.00	0.00
13,600.0	90.00	178.22	12,153.0	-1,388.1	340.1	1,413.2	0.00	0.00	0.00
13,700.0	90.00	178.22	12,153.0	-1,488.1	343.2	1,513.1	0.00	0.00	0.00
13,800.0	90.00	178.22	12,153.0	-1,588.0	346.3	1,612.9	0.00	0.00	0.00
13,900.0	90.00	178.22	12,153.0	-1,688.0	349.4	1,712.7	0.00	0.00	0.00
14,000.0	90.00	178.22	12,153.0	-1,787.9	352.5	1,812.5	0.00	0.00	0.00
14,100.0	90.00	178.22	12,153.0	-1,887.9	355.6	1,912.3	0.00	0.00	0.00
14,200.0	90.00	178.22	12,153.0	-1,987.8	358.8	2,012.2	0.00	0.00	0.00
14,300.0	90.00	178.22	12,153.0	-2,087.8	361.9	2,112.0	0.00	0.00	0.00
14,400.0	90.00	178.22	12,153.0	-2,187.7	365.0	2,211.8	0.00	0.00	0.00
14,500.0	90.00	178.22	12,153.0	-2,287.7	368.1	2,311.6	0.00	0.00	0.00
14,600.0	90.00	178.22	12,153.0	-2,387.6	371.2	2,411.5	0.00	0.00	0.00
14,700.0	90.00	178.22	12,153.0	-2,487.6	374.3	2,511.3	0.00	0.00	0.00
14,800.0	90.00	178.22	12,153.0	-2,587.5	377.4	2,611.1	0.00	0.00	0.00
14,900.0	90.00	178.22	12,153.0	-2,687.5	380.5	2,710.9	0.00	0.00	0.00
15,000.0	90.00	178.22	12,153.0	-2,787.4	383.7	2,810.7	0.00	0.00	0.00
15,100.0	90.00	178.22	12,153.0	-2,887.4	386.8	2,910.6	0.00	0.00	0.00
15,200.0	90.00	178.22	12,153.0	-2,987.3	389.9	3,010.4	0.00	0.00	0.00
15,300.0	90.00	178.22	12,153.0	-3,087.3	393.0	3,110.2	0.00	0.00	0.00
15,400.0	90.00	178.22	12,153.0	-3,187.2	396.1	3,210.0	0.00	0.00	0.00
15,500.0	90.00	178.22	12,153.0	-3,287.2	399.2	3,309.8	0.00	0.00	0.00
15,600.0	90.00	178.22	12,153.0	-3,387.1	402.3	3,409.7	0.00	0.00	0.00
15,700.0	90.00	178.22	12,153.0	-3,487.1	405.4	3,509.5	0.00	0.00	0.00
15,800.0	90.00	178.22	12,153.0	-3,587.0	408.6	3,609.3	0.00	0.00	0.00
15,900.0	90.00	178.22	12,153.0	-3,687.0	411.7	3,709.1	0.00	0.00	0.00
16,000.0	90.00	178.22	12,153.0	-3,786.9	414.8	3,809.0	0.00	0.00	0.00
16,100.0	90.00	178.22	12,153.0	-3,886.9	417.9	3,908.8	0.00	0.00	0.00
16,200.0	90.00	178.22	12,153.0	-3,986.8	421.0	4,008.6	0.00	0.00	0.00
16,300.0	90.00	178.22	12,153.0	-4,086.8	424.1	4,108.4	0.00	0.00	0.00
16,400.0	90.00	178.22	12,153.0	-4,186.7	427.2	4,208.2	0.00	0.00	0.00
16,500.0	90.00	178.22	12,153.0	-4,286.7	430.3	4,308.1	0.00	0.00	0.00
16,600.0	90.00	178.22	12,153.0	-4,386.7	433.5	4,407.9	0.00	0.00	0.00
16,700.0	90.00	178.22	12,153.0	-4,486.6	436.6	4,507.7	0.00	0.00	0.00
16,800.0	90.00	178.22	12,153.0	-4,586.6	439.7	4,607.5	0.00	0.00	0.00
16,900.0	90.00	178.22	12,153.0	-4,686.5	442.8	4,707.4	0.00	0.00	0.00
17,000.0	90.00	178.22	12,153.0	-4,786.5	445.9	4,807.2	0.00	0.00	0.00
17,100.0	90.00	178.22	12,153.0	-4,886.4	449.0	4,907.0	0.00	0.00	0.00
17,163.6	90.00	178.22	12,153.0	-4,950.0	451.0	4,970.5	0.00	0.00	0.00

PBHL(Quiljote 2 State Com #704H)

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #704H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3363.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3363.0usft
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#704H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
KOP(Quijote 2 State Cor - plan hits target center - Point	0.00	0.00	11,675.5	252.0	289.0	393,372.00	755,389.00	32° 4' 46.468 N	103° 38' 32.020 W
PBHL(Quijote 2 State Cor - plan hits target center - Point	0.00	0.00	12,153.0	-4,950.0	451.0	388,170.00	755,551.00	32° 3' 54.981 N	103° 38' 30.525 W
FTP(Quijote 2 State Cor - plan misses target center by 163.4usft at 12088.1usft MD (12031.3 TVD, 93.0 N, 294.0 E) - Point	0.00	0.00	12,153.0	202.0	289.0	393,322.00	755,389.00	32° 4' 45.973 N	103° 38' 32.024 W