



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Quijote 2 State State Com

#702H

OH

Plan: Plan #0.1

Standard Planning Report

29 May, 2019



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Quijote 2 State State Com
Well: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25 @ 3366.0usft
MD Reference: KB = 25 @ 3366.0usft
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	#702H				
Well Position	+N/-S	61.0 usft	Northing:	393,128.00 usft	Latitude: 32° 4' 43.999 N
	+E/-W	93.0 usft	Easting:	756,246.00 usft	Longitude: 103° 38' 22.078 W
Position Uncertainty	0.0 usft		Wellhead Elevation:		Ground Level: 3,341.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/29/2019	6.76	59.89	47,645.49406829

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	178.89	

Plan Survey Tool Program	Date 5/29/2019				
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	17,194.6 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	
750.0	0.00	0.00	750.0	0.0	0.0	0.00	0.00	0.00	0.00	
861.2	2.22	344.94	861.2	2.1	-0.6	2.00	2.00	0.00	344.94	
7,393.8	2.22	344.94	7,388.8	246.9	-66.4	0.00	0.00	0.00	0.00	
7,505.0	0.00	0.00	7,500.0	249.0	-67.0	2.00	-2.00	0.00	180.00	
11,713.5	0.00	0.00	11,708.5	249.0	-67.0	0.00	0.00	0.00	0.00	KOP(Quijote 2 State (
12,463.5	90.00	178.21	12,186.0	-228.2	-52.1	12.00	12.00	23.76	178.21	
17,194.6	90.00	178.21	12,186.0	-4,957.0	96.0	0.00	0.00	0.00	0.00	PBHL(Quijote 2 State

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Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3366.0usft
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#702H	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
750.0	0.00	0.00	750.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	1.00	344.94	800.0	0.4	-0.1	-0.4	2.00	2.00	0.00
861.2	2.22	344.94	861.2	2.1	-0.6	-2.1	2.00	2.00	0.00
900.0	2.22	344.94	899.9	3.5	-1.0	-3.6	0.00	0.00	0.00
1,000.0	2.22	344.94	999.9	7.3	-2.0	-7.3	0.00	0.00	0.00
1,100.0	2.22	344.94	1,099.8	11.0	-3.0	-11.1	0.00	0.00	0.00
1,200.0	2.22	344.94	1,199.7	14.8	-4.0	-14.9	0.00	0.00	0.00
1,300.0	2.22	344.94	1,299.6	18.5	-5.0	-18.6	0.00	0.00	0.00
1,400.0	2.22	344.94	1,399.6	22.3	-6.0	-22.4	0.00	0.00	0.00
1,500.0	2.22	344.94	1,499.5	26.0	-7.0	-26.2	0.00	0.00	0.00
1,600.0	2.22	344.94	1,599.4	29.8	-8.0	-29.9	0.00	0.00	0.00
1,700.0	2.22	344.94	1,699.3	33.5	-9.0	-33.7	0.00	0.00	0.00
1,800.0	2.22	344.94	1,799.3	37.3	-10.0	-37.5	0.00	0.00	0.00
1,900.0	2.22	344.94	1,899.2	41.0	-11.0	-41.2	0.00	0.00	0.00
2,000.0	2.22	344.94	1,999.1	44.8	-12.0	-45.0	0.00	0.00	0.00
2,100.0	2.22	344.94	2,099.0	48.5	-13.1	-48.8	0.00	0.00	0.00
2,200.0	2.22	344.94	2,199.0	52.3	-14.1	-52.5	0.00	0.00	0.00
2,300.0	2.22	344.94	2,298.9	56.0	-15.1	-56.3	0.00	0.00	0.00
2,400.0	2.22	344.94	2,398.8	59.8	-16.1	-60.1	0.00	0.00	0.00
2,500.0	2.22	344.94	2,498.7	63.5	-17.1	-63.8	0.00	0.00	0.00
2,600.0	2.22	344.94	2,598.7	67.3	-18.1	-67.6	0.00	0.00	0.00
2,700.0	2.22	344.94	2,698.6	71.0	-19.1	-71.4	0.00	0.00	0.00
2,800.0	2.22	344.94	2,798.5	74.7	-20.1	-75.1	0.00	0.00	0.00
2,900.0	2.22	344.94	2,898.4	78.5	-21.1	-78.9	0.00	0.00	0.00
3,000.0	2.22	344.94	2,998.4	82.2	-22.1	-82.7	0.00	0.00	0.00
3,100.0	2.22	344.94	3,098.3	86.0	-23.1	-86.4	0.00	0.00	0.00
3,200.0	2.22	344.94	3,198.2	89.7	-24.1	-90.2	0.00	0.00	0.00
3,300.0	2.22	344.94	3,298.1	93.5	-25.2	-94.0	0.00	0.00	0.00
3,400.0	2.22	344.94	3,398.1	97.2	-26.2	-97.7	0.00	0.00	0.00
3,500.0	2.22	344.94	3,498.0	101.0	-27.2	-101.5	0.00	0.00	0.00
3,600.0	2.22	344.94	3,597.9	104.7	-28.2	-105.3	0.00	0.00	0.00
3,700.0	2.22	344.94	3,697.8	108.5	-29.2	-109.0	0.00	0.00	0.00
3,800.0	2.22	344.94	3,797.8	112.2	-30.2	-112.8	0.00	0.00	0.00
3,900.0	2.22	344.94	3,897.7	116.0	-31.2	-116.6	0.00	0.00	0.00
4,000.0	2.22	344.94	3,997.6	119.7	-32.2	-120.3	0.00	0.00	0.00
4,100.0	2.22	344.94	4,097.5	123.5	-33.2	-124.1	0.00	0.00	0.00
4,200.0	2.22	344.94	4,197.5	127.2	-34.2	-127.9	0.00	0.00	0.00
4,300.0	2.22	344.94	4,297.4	131.0	-35.2	-131.6	0.00	0.00	0.00
4,400.0	2.22	344.94	4,397.3	134.7	-36.2	-135.4	0.00	0.00	0.00
4,500.0	2.22	344.94	4,497.2	138.5	-37.3	-139.2	0.00	0.00	0.00
4,600.0	2.22	344.94	4,597.2	142.2	-38.3	-142.9	0.00	0.00	0.00
4,700.0	2.22	344.94	4,697.1	146.0	-39.3	-146.7	0.00	0.00	0.00
4,800.0	2.22	344.94	4,797.0	149.7	-40.3	-150.5	0.00	0.00	0.00
4,900.0	2.22	344.94	4,896.9	153.5	-41.3	-154.2	0.00	0.00	0.00
5,000.0	2.22	344.94	4,996.9	157.2	-42.3	-158.0	0.00	0.00	0.00
5,100.0	2.22	344.94	5,096.8	160.9	-43.3	-161.8	0.00	0.00	0.00

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Site:	Quiljote 2 State State Com	North Reference:	Grid
Well:	#702H	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)
5,200.0	2.22	344.94	5,196.7	164.7	-44.3	-165.5	0.00	0.00	0.00
5,300.0	2.22	344.94	5,296.6	168.4	-45.3	-169.3	0.00	0.00	0.00
5,400.0	2.22	344.94	5,396.6	172.2	-46.3	-173.1	0.00	0.00	0.00
5,500.0	2.22	344.94	5,496.5	175.9	-47.3	-176.8	0.00	0.00	0.00
5,600.0	2.22	344.94	5,596.4	179.7	-48.3	-180.6	0.00	0.00	0.00
5,700.0	2.22	344.94	5,696.3	183.4	-49.4	-184.4	0.00	0.00	0.00
5,800.0	2.22	344.94	5,796.3	187.2	-50.4	-188.1	0.00	0.00	0.00
5,900.0	2.22	344.94	5,896.2	190.9	-51.4	-191.9	0.00	0.00	0.00
6,000.0	2.22	344.94	5,996.1	194.7	-52.4	-195.7	0.00	0.00	0.00
6,100.0	2.22	344.94	6,096.0	198.4	-53.4	-199.4	0.00	0.00	0.00
6,200.0	2.22	344.94	6,195.9	202.2	-54.4	-203.2	0.00	0.00	0.00
6,300.0	2.22	344.94	6,295.9	205.9	-55.4	-207.0	0.00	0.00	0.00
6,400.0	2.22	344.94	6,395.8	209.7	-56.4	-210.7	0.00	0.00	0.00
6,500.0	2.22	344.94	6,495.7	213.4	-57.4	-214.5	0.00	0.00	0.00
6,600.0	2.22	344.94	6,595.6	217.2	-58.4	-218.3	0.00	0.00	0.00
6,700.0	2.22	344.94	6,695.6	220.9	-59.4	-222.0	0.00	0.00	0.00
6,800.0	2.22	344.94	6,795.5	224.7	-60.5	-225.8	0.00	0.00	0.00
6,900.0	2.22	344.94	6,895.4	228.4	-61.5	-229.6	0.00	0.00	0.00
7,000.0	2.22	344.94	6,995.3	232.2	-62.5	-233.3	0.00	0.00	0.00
7,100.0	2.22	344.94	7,095.3	235.9	-63.5	-237.1	0.00	0.00	0.00
7,200.0	2.22	344.94	7,195.2	239.7	-64.5	-240.9	0.00	0.00	0.00
7,300.0	2.22	344.94	7,295.1	243.4	-65.5	-244.6	0.00	0.00	0.00
7,393.8	2.22	344.94	7,388.8	246.9	-66.4	-248.2	0.00	0.00	0.00
7,400.0	2.10	344.94	7,395.0	247.1	-66.5	-248.4	2.00	-2.00	0.00
7,505.0	0.00	0.00	7,500.0	249.0	-67.0	-250.3	2.00	-2.00	0.00
7,600.0	0.00	0.00	7,595.0	249.0	-67.0	-250.3	0.00	0.00	0.00
7,700.0	0.00	0.00	7,695.0	249.0	-67.0	-250.3	0.00	0.00	0.00
7,800.0	0.00	0.00	7,795.0	249.0	-67.0	-250.3	0.00	0.00	0.00
7,900.0	0.00	0.00	7,895.0	249.0	-67.0	-250.3	0.00	0.00	0.00
8,000.0	0.00	0.00	7,995.0	249.0	-67.0	-250.3	0.00	0.00	0.00
8,100.0	0.00	0.00	8,095.0	249.0	-67.0	-250.3	0.00	0.00	0.00
8,200.0	0.00	0.00	8,195.0	249.0	-67.0	-250.3	0.00	0.00	0.00
8,300.0	0.00	0.00	8,295.0	249.0	-67.0	-250.3	0.00	0.00	0.00
8,400.0	0.00	0.00	8,395.0	249.0	-67.0	-250.3	0.00	0.00	0.00
8,500.0	0.00	0.00	8,495.0	249.0	-67.0	-250.3	0.00	0.00	0.00
8,600.0	0.00	0.00	8,595.0	249.0	-67.0	-250.3	0.00	0.00	0.00
8,700.0	0.00	0.00	8,695.0	249.0	-67.0	-250.3	0.00	0.00	0.00
8,800.0	0.00	0.00	8,795.0	249.0	-67.0	-250.3	0.00	0.00	0.00
8,900.0	0.00	0.00	8,895.0	249.0	-67.0	-250.3	0.00	0.00	0.00
9,000.0	0.00	0.00	8,995.0	249.0	-67.0	-250.3	0.00	0.00	0.00
9,100.0	0.00	0.00	9,095.0	249.0	-67.0	-250.3	0.00	0.00	0.00
9,200.0	0.00	0.00	9,195.0	249.0	-67.0	-250.3	0.00	0.00	0.00
9,300.0	0.00	0.00	9,295.0	249.0	-67.0	-250.3	0.00	0.00	0.00
9,400.0	0.00	0.00	9,395.0	249.0	-67.0	-250.3	0.00	0.00	0.00
9,500.0	0.00	0.00	9,495.0	249.0	-67.0	-250.3	0.00	0.00	0.00
9,600.0	0.00	0.00	9,595.0	249.0	-67.0	-250.3	0.00	0.00	0.00
9,700.0	0.00	0.00	9,695.0	249.0	-67.0	-250.3	0.00	0.00	0.00
9,800.0	0.00	0.00	9,795.0	249.0	-67.0	-250.3	0.00	0.00	0.00
9,900.0	0.00	0.00	9,895.0	249.0	-67.0	-250.3	0.00	0.00	0.00
10,000.0	0.00	0.00	9,995.0	249.0	-67.0	-250.3	0.00	0.00	0.00
10,100.0	0.00	0.00	10,095.0	249.0	-67.0	-250.3	0.00	0.00	0.00
10,200.0	0.00	0.00	10,195.0	249.0	-67.0	-250.3	0.00	0.00	0.00
10,300.0	0.00	0.00	10,295.0	249.0	-67.0	-250.3	0.00	0.00	0.00
10,400.0	0.00	0.00	10,395.0	249.0	-67.0	-250.3	0.00	0.00	0.00

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Well:	#702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
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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)
10,500.0	0.00	0.00	10,495.0	249.0	-67.0	-250.3	0.00	0.00	0.00
10,600.0	0.00	0.00	10,595.0	249.0	-67.0	-250.3	0.00	0.00	0.00
10,700.0	0.00	0.00	10,695.0	249.0	-67.0	-250.3	0.00	0.00	0.00
10,800.0	0.00	0.00	10,795.0	249.0	-67.0	-250.3	0.00	0.00	0.00
10,900.0	0.00	0.00	10,895.0	249.0	-67.0	-250.3	0.00	0.00	0.00
11,000.0	0.00	0.00	10,995.0	249.0	-67.0	-250.3	0.00	0.00	0.00
11,100.0	0.00	0.00	11,095.0	249.0	-67.0	-250.3	0.00	0.00	0.00
11,200.0	0.00	0.00	11,195.0	249.0	-67.0	-250.3	0.00	0.00	0.00
11,300.0	0.00	0.00	11,295.0	249.0	-67.0	-250.3	0.00	0.00	0.00
11,400.0	0.00	0.00	11,395.0	249.0	-67.0	-250.3	0.00	0.00	0.00
11,500.0	0.00	0.00	11,495.0	249.0	-67.0	-250.3	0.00	0.00	0.00
11,600.0	0.00	0.00	11,595.0	249.0	-67.0	-250.3	0.00	0.00	0.00
11,700.0	0.00	0.00	11,695.0	249.0	-67.0	-250.3	0.00	0.00	0.00
11,713.5	0.00	0.00	11,708.5	249.0	-67.0	-250.3	0.00	0.00	0.00
KOP(Quijote 2 State Com #702H)									
11,725.0	1.38	178.21	11,720.0	248.9	-67.0	-250.1	12.00	12.00	0.00
11,750.0	4.38	178.21	11,745.0	247.6	-67.0	-248.9	12.00	12.00	0.00
11,775.0	7.38	178.21	11,769.9	245.0	-66.9	-246.3	12.00	12.00	0.00
11,800.0	10.38	178.21	11,794.5	241.2	-66.8	-242.4	12.00	12.00	0.00
11,825.0	13.38	178.21	11,819.0	236.0	-66.6	-237.3	12.00	12.00	0.00
11,850.0	16.38	178.21	11,843.2	229.6	-66.4	-230.9	12.00	12.00	0.00
11,875.0	19.38	178.21	11,867.0	222.0	-66.2	-223.2	12.00	12.00	0.00
11,900.0	22.38	178.21	11,890.3	213.0	-65.9	-214.3	12.00	12.00	0.00
11,925.0	25.38	178.21	11,913.2	202.9	-65.6	-204.2	12.00	12.00	0.00
11,950.0	28.38	178.21	11,935.5	191.6	-65.2	-192.9	12.00	12.00	0.00
11,975.0	31.38	178.21	11,957.1	179.2	-64.8	-180.4	12.00	12.00	0.00
12,000.0	34.38	178.21	11,978.1	165.6	-64.4	-166.8	12.00	12.00	0.00
12,025.0	37.38	178.21	11,998.4	151.0	-63.9	-152.2	12.00	12.00	0.00
12,050.0	40.38	178.21	12,017.8	135.3	-63.4	-136.5	12.00	12.00	0.00
12,075.0	43.38	178.21	12,036.5	118.6	-62.9	-119.8	12.00	12.00	0.00
12,100.0	46.38	178.21	12,054.2	101.0	-62.4	-102.2	12.00	12.00	0.00
12,115.6	48.26	178.21	12,064.8	89.5	-62.0	-90.7	12.00	12.00	0.00
FTP(Quijote 2 State Com #702H)									
12,125.0	49.38	178.21	12,070.9	82.4	-61.8	-83.6	12.00	12.00	0.00
12,150.0	52.38	178.21	12,086.7	63.1	-61.2	-64.2	12.00	12.00	0.00
12,175.0	55.38	178.21	12,101.4	42.9	-60.5	-44.0	12.00	12.00	0.00
12,200.0	58.38	178.21	12,115.1	22.0	-59.9	-23.1	12.00	12.00	0.00
12,225.0	61.38	178.21	12,127.6	0.3	-59.2	-1.5	12.00	12.00	0.00
12,250.0	64.38	178.21	12,139.0	-21.9	-58.5	20.8	12.00	12.00	0.00
12,275.0	67.38	178.21	12,149.2	-44.7	-57.8	43.6	12.00	12.00	0.00
12,300.0	70.38	178.21	12,158.3	-68.0	-57.1	66.9	12.00	12.00	0.00
12,325.0	73.38	178.21	12,166.0	-91.8	-56.3	90.6	12.00	12.00	0.00
12,350.0	76.38	178.21	12,172.5	-115.9	-55.6	114.8	12.00	12.00	0.00
12,375.0	79.38	178.21	12,177.8	-140.3	-54.8	139.2	12.00	12.00	0.00
12,400.0	82.38	178.21	12,181.8	-165.0	-54.0	163.9	12.00	12.00	0.00
12,425.0	85.38	178.21	12,184.4	-189.8	-53.3	188.7	12.00	12.00	0.00
12,450.0	88.38	178.21	12,185.8	-214.8	-52.5	213.7	12.00	12.00	0.00
12,463.5	90.00	178.21	12,186.0	-228.2	-52.1	227.2	12.00	12.00	0.00
12,500.0	90.00	178.21	12,186.0	-264.7	-50.9	263.7	0.00	0.00	0.00
12,600.0	90.00	178.21	12,186.0	-364.7	-47.8	363.7	0.00	0.00	0.00
12,700.0	90.00	178.21	12,186.0	-464.6	-44.7	463.7	0.00	0.00	0.00
12,800.0	90.00	178.21	12,186.0	-564.6	-41.5	563.7	0.00	0.00	0.00
12,900.0	90.00	178.21	12,186.0	-664.5	-38.4	663.7	0.00	0.00	0.00
13,000.0	90.00	178.21	12,186.0	-764.5	-35.3	763.7	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #702H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3366.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3366.0usft
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#702H	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	178.21	12,186.0	-864.4	-32.1	863.7	0.00	0.00	0.00
13,200.0	90.00	178.21	12,186.0	-964.4	-29.0	963.6	0.00	0.00	0.00
13,300.0	90.00	178.21	12,186.0	-1,064.3	-25.9	1,063.6	0.00	0.00	0.00
13,400.0	90.00	178.21	12,186.0	-1,164.3	-22.7	1,163.6	0.00	0.00	0.00
13,500.0	90.00	178.21	12,186.0	-1,264.2	-19.6	1,263.6	0.00	0.00	0.00
13,600.0	90.00	178.21	12,186.0	-1,364.2	-16.5	1,363.6	0.00	0.00	0.00
13,700.0	90.00	178.21	12,186.0	-1,464.1	-13.4	1,463.6	0.00	0.00	0.00
13,800.0	90.00	178.21	12,186.0	-1,564.1	-10.2	1,563.6	0.00	0.00	0.00
13,900.0	90.00	178.21	12,186.0	-1,664.0	-7.1	1,663.6	0.00	0.00	0.00
14,000.0	90.00	178.21	12,186.0	-1,764.0	-4.0	1,763.6	0.00	0.00	0.00
14,100.0	90.00	178.21	12,186.0	-1,864.0	-0.8	1,863.6	0.00	0.00	0.00
14,200.0	90.00	178.21	12,186.0	-1,963.9	2.3	1,963.6	0.00	0.00	0.00
14,300.0	90.00	178.21	12,186.0	-2,063.9	5.4	2,063.6	0.00	0.00	0.00
14,400.0	90.00	178.21	12,186.0	-2,163.8	8.5	2,163.6	0.00	0.00	0.00
14,500.0	90.00	178.21	12,186.0	-2,263.8	11.7	2,263.6	0.00	0.00	0.00
14,600.0	90.00	178.21	12,186.0	-2,363.7	14.8	2,363.6	0.00	0.00	0.00
14,700.0	90.00	178.21	12,186.0	-2,463.7	17.9	2,463.5	0.00	0.00	0.00
14,800.0	90.00	178.21	12,186.0	-2,563.6	21.1	2,563.5	0.00	0.00	0.00
14,900.0	90.00	178.21	12,186.0	-2,663.6	24.2	2,663.5	0.00	0.00	0.00
15,000.0	90.00	178.21	12,186.0	-2,763.5	27.3	2,763.5	0.00	0.00	0.00
15,100.0	90.00	178.21	12,186.0	-2,863.5	30.5	2,863.5	0.00	0.00	0.00
15,200.0	90.00	178.21	12,186.0	-2,963.4	33.6	2,963.5	0.00	0.00	0.00
15,300.0	90.00	178.21	12,186.0	-3,063.4	36.7	3,063.5	0.00	0.00	0.00
15,400.0	90.00	178.21	12,186.0	-3,163.3	39.8	3,163.5	0.00	0.00	0.00
15,500.0	90.00	178.21	12,186.0	-3,263.3	43.0	3,263.5	0.00	0.00	0.00
15,600.0	90.00	178.21	12,186.0	-3,363.2	46.1	3,363.5	0.00	0.00	0.00
15,700.0	90.00	178.21	12,186.0	-3,463.2	49.2	3,463.5	0.00	0.00	0.00
15,800.0	90.00	178.21	12,186.0	-3,563.1	52.4	3,563.5	0.00	0.00	0.00
15,900.0	90.00	178.21	12,186.0	-3,663.1	55.5	3,663.5	0.00	0.00	0.00
16,000.0	90.00	178.21	12,186.0	-3,763.0	58.6	3,763.5	0.00	0.00	0.00
16,100.0	90.00	178.21	12,186.0	-3,863.0	61.7	3,863.4	0.00	0.00	0.00
16,200.0	90.00	178.21	12,186.0	-3,962.9	64.9	3,963.4	0.00	0.00	0.00
16,300.0	90.00	178.21	12,186.0	-4,062.9	68.0	4,063.4	0.00	0.00	0.00
16,400.0	90.00	178.21	12,186.0	-4,162.8	71.1	4,163.4	0.00	0.00	0.00
16,500.0	90.00	178.21	12,186.0	-4,262.8	74.3	4,263.4	0.00	0.00	0.00
16,600.0	90.00	178.21	12,186.0	-4,362.7	77.4	4,363.4	0.00	0.00	0.00
16,700.0	90.00	178.21	12,186.0	-4,462.7	80.5	4,463.4	0.00	0.00	0.00
16,800.0	90.00	178.21	12,186.0	-4,562.6	83.7	4,563.4	0.00	0.00	0.00
16,900.0	90.00	178.21	12,186.0	-4,662.6	86.8	4,663.4	0.00	0.00	0.00
17,000.0	90.00	178.21	12,186.0	-4,762.5	89.9	4,763.4	0.00	0.00	0.00
17,100.0	90.00	178.21	12,186.0	-4,862.5	93.0	4,863.4	0.00	0.00	0.00
17,194.6	90.00	178.21	12,186.0	-4,957.0	96.0	4,957.9	0.00	0.00	0.00

PBHL(Quijote 2 State Com #702H)

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #702H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3366.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3366.0usft
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#702H	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	11,708.5	249.0	-67.0	393,377.00	756,179.00	32° 4' 46.467 N	103° 38' 22.838 W
PBHL(Quijote 2 State Cor - plan hits target center - Point	0.00	0.00	12,186.0	-4,957.0	96.0	388,171.00	756,342.00	32° 3' 54.941 N	103° 38' 21.333 W
FTP(Quijote 2 State Cor - plan misses target center by 163.4usft at 12115.6usft MD (12064.8 TVD, 89.5 N, -62.0 E) - Point	0.00	0.00	12,186.0	199.0	-67.0	393,327.00	756,179.00	32° 4' 45.973 N	103° 38' 22.842 W