



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Quijote 2 State State Com

#715H

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: #715H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #715H
TVD Reference: KB = 25 @ 3362.0usft
MD Reference: KB = 25 @ 3362.0usft
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	#715H			
Well Position	+N/-S	53.0 usft	Northing:	393,120.00 usft
	+E/-W	-1,086.0 usft	Easting:	755,067.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:		Ground Level: 3,337.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	5/29/2019	6.77	59.89	47,645.12574226

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	178.97

Plan Survey Tool Program	Date	5/29/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,279.6 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	
861.9	2.24	343.66	861.9	2.1	-0.6	2.00	2.00	0.00	343.66	
7,393.1	2.24	343.66	7,388.1	246.9	-72.4	0.00	0.00	0.00	0.00	
7,505.0	0.00	0.00	7,500.0	249.0	-73.0	2.00	-2.00	0.00	180.00	
11,804.5	0.00	0.00	11,799.5	249.0	-73.0	0.00	0.00	0.00	0.00	KOP(Quijote 2 State (
12,554.5	90.00	178.22	12,277.0	-228.2	-58.1	12.00	12.00	23.76	178.22	
17,279.6	90.00	178.22	12,277.0	-4,951.0	89.0	0.00	0.00	0.00	0.00	PBHL(Quijote 2 State



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Local Co-ordinate Reference: Well #715H
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 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)
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	343.66	800.0	0.4	-0.1	-0.4	2.00	2.00	0.00
861.9	2.24	343.66	861.9	2.1	-0.6	-2.1	2.00	2.00	0.00
900.0	2.24	343.66	899.9	3.5	-1.0	-3.5	0.00	0.00	0.00
1,000.0	2.24	343.66	999.9	7.3	-2.1	-7.3	0.00	0.00	0.00
1,100.0	2.24	343.66	1,099.8	11.0	-3.2	-11.1	0.00	0.00	0.00
1,200.0	2.24	343.66	1,199.7	14.8	-4.3	-14.8	0.00	0.00	0.00
1,300.0	2.24	343.66	1,299.6	18.5	-5.4	-18.6	0.00	0.00	0.00
1,400.0	2.24	343.66	1,399.6	22.3	-6.5	-22.4	0.00	0.00	0.00
1,500.0	2.24	343.66	1,499.5	26.0	-7.6	-26.1	0.00	0.00	0.00
1,600.0	2.24	343.66	1,599.4	29.8	-8.7	-29.9	0.00	0.00	0.00
1,700.0	2.24	343.66	1,699.3	33.5	-9.8	-33.7	0.00	0.00	0.00
1,800.0	2.24	343.66	1,799.3	37.3	-10.9	-37.4	0.00	0.00	0.00
1,900.0	2.24	343.66	1,899.2	41.0	-12.0	-41.2	0.00	0.00	0.00
2,000.0	2.24	343.66	1,999.1	44.8	-13.1	-45.0	0.00	0.00	0.00
2,100.0	2.24	343.66	2,099.0	48.5	-14.2	-48.8	0.00	0.00	0.00
2,200.0	2.24	343.66	2,199.0	52.3	-15.3	-52.5	0.00	0.00	0.00
2,300.0	2.24	343.66	2,298.9	56.0	-16.4	-56.3	0.00	0.00	0.00
2,400.0	2.24	343.66	2,398.8	59.7	-17.5	-60.1	0.00	0.00	0.00
2,500.0	2.24	343.66	2,498.7	63.5	-18.6	-63.8	0.00	0.00	0.00
2,600.0	2.24	343.66	2,598.6	67.2	-19.7	-67.6	0.00	0.00	0.00
2,700.0	2.24	343.66	2,698.6	71.0	-20.8	-71.4	0.00	0.00	0.00
2,800.0	2.24	343.66	2,798.5	74.7	-21.9	-75.1	0.00	0.00	0.00
2,900.0	2.24	343.66	2,898.4	78.5	-23.0	-78.9	0.00	0.00	0.00
3,000.0	2.24	343.66	2,998.3	82.2	-24.1	-82.7	0.00	0.00	0.00
3,100.0	2.24	343.66	3,098.3	86.0	-25.2	-86.4	0.00	0.00	0.00
3,200.0	2.24	343.66	3,198.2	89.7	-26.3	-90.2	0.00	0.00	0.00
3,300.0	2.24	343.66	3,298.1	93.5	-27.4	-94.0	0.00	0.00	0.00
3,400.0	2.24	343.66	3,398.0	97.2	-28.5	-97.7	0.00	0.00	0.00
3,500.0	2.24	343.66	3,498.0	101.0	-29.6	-101.5	0.00	0.00	0.00
3,600.0	2.24	343.66	3,597.9	104.7	-30.7	-105.3	0.00	0.00	0.00
3,700.0	2.24	343.66	3,697.8	108.5	-31.8	-109.0	0.00	0.00	0.00
3,800.0	2.24	343.66	3,797.7	112.2	-32.9	-112.8	0.00	0.00	0.00
3,900.0	2.24	343.66	3,897.7	116.0	-34.0	-116.6	0.00	0.00	0.00
4,000.0	2.24	343.66	3,997.6	119.7	-35.1	-120.3	0.00	0.00	0.00
4,100.0	2.24	343.66	4,097.5	123.5	-36.2	-124.1	0.00	0.00	0.00
4,200.0	2.24	343.66	4,197.4	127.2	-37.3	-127.9	0.00	0.00	0.00
4,300.0	2.24	343.66	4,297.3	131.0	-38.4	-131.6	0.00	0.00	0.00
4,400.0	2.24	343.66	4,397.3	134.7	-39.5	-135.4	0.00	0.00	0.00
4,500.0	2.24	343.66	4,497.2	138.5	-40.6	-139.2	0.00	0.00	0.00
4,600.0	2.24	343.66	4,597.1	142.2	-41.7	-142.9	0.00	0.00	0.00
4,700.0	2.24	343.66	4,697.0	146.0	-42.8	-146.7	0.00	0.00	0.00
4,800.0	2.24	343.66	4,797.0	149.7	-43.9	-150.5	0.00	0.00	0.00
4,900.0	2.24	343.66	4,896.9	153.5	-45.0	-154.2	0.00	0.00	0.00
5,000.0	2.24	343.66	4,996.8	157.2	-46.1	-158.0	0.00	0.00	0.00
5,100.0	2.24	343.66	5,096.7	161.0	-47.2	-161.8	0.00	0.00	0.00



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 Design: Plan #0.1

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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	2.24	343.66	5,196.7	164.7	-48.3	-165.5	0.00	0.00	0.00
5,300.0	2.24	343.66	5,296.6	168.4	-49.4	-169.3	0.00	0.00	0.00
5,400.0	2.24	343.66	5,396.5	172.2	-50.5	-173.1	0.00	0.00	0.00
5,500.0	2.24	343.66	5,496.4	175.9	-51.6	-176.8	0.00	0.00	0.00
5,600.0	2.24	343.66	5,596.4	179.7	-52.7	-180.6	0.00	0.00	0.00
5,700.0	2.24	343.66	5,696.3	183.4	-53.8	-184.4	0.00	0.00	0.00
5,800.0	2.24	343.66	5,796.2	187.2	-54.9	-188.1	0.00	0.00	0.00
5,900.0	2.24	343.66	5,896.1	190.9	-56.0	-191.9	0.00	0.00	0.00
6,000.0	2.24	343.66	5,996.1	194.7	-57.1	-195.7	0.00	0.00	0.00
6,100.0	2.24	343.66	6,096.0	198.4	-58.2	-199.4	0.00	0.00	0.00
6,200.0	2.24	343.66	6,195.9	202.2	-59.3	-203.2	0.00	0.00	0.00
6,300.0	2.24	343.66	6,295.8	205.9	-60.4	-207.0	0.00	0.00	0.00
6,400.0	2.24	343.66	6,395.7	209.7	-61.5	-210.7	0.00	0.00	0.00
6,500.0	2.24	343.66	6,495.7	213.4	-62.6	-214.5	0.00	0.00	0.00
6,600.0	2.24	343.66	6,595.6	217.2	-63.7	-218.3	0.00	0.00	0.00
6,700.0	2.24	343.66	6,695.5	220.9	-64.8	-222.1	0.00	0.00	0.00
6,800.0	2.24	343.66	6,795.4	224.7	-65.9	-225.8	0.00	0.00	0.00
6,900.0	2.24	343.66	6,895.4	228.4	-67.0	-229.6	0.00	0.00	0.00
7,000.0	2.24	343.66	6,995.3	232.2	-68.1	-233.4	0.00	0.00	0.00
7,100.0	2.24	343.66	7,095.2	235.9	-69.2	-237.1	0.00	0.00	0.00
7,200.0	2.24	343.66	7,195.1	239.7	-70.3	-240.9	0.00	0.00	0.00
7,300.0	2.24	343.66	7,295.1	243.4	-71.4	-244.7	0.00	0.00	0.00
7,393.1	2.24	343.66	7,388.1	246.9	-72.4	-248.2	0.00	0.00	0.00
7,400.0	2.10	343.66	7,395.0	247.2	-72.5	-248.4	2.00	-2.00	0.00
7,505.0	0.00	0.00	7,500.0	249.0	-73.0	-250.3	2.00	-2.00	0.00
7,600.0	0.00	0.00	7,595.0	249.0	-73.0	-250.3	0.00	0.00	0.00
7,700.0	0.00	0.00	7,695.0	249.0	-73.0	-250.3	0.00	0.00	0.00
7,800.0	0.00	0.00	7,795.0	249.0	-73.0	-250.3	0.00	0.00	0.00
7,900.0	0.00	0.00	7,895.0	249.0	-73.0	-250.3	0.00	0.00	0.00
8,000.0	0.00	0.00	7,995.0	249.0	-73.0	-250.3	0.00	0.00	0.00
8,100.0	0.00	0.00	8,095.0	249.0	-73.0	-250.3	0.00	0.00	0.00
8,200.0	0.00	0.00	8,195.0	249.0	-73.0	-250.3	0.00	0.00	0.00
8,300.0	0.00	0.00	8,295.0	249.0	-73.0	-250.3	0.00	0.00	0.00
8,400.0	0.00	0.00	8,395.0	249.0	-73.0	-250.3	0.00	0.00	0.00
8,500.0	0.00	0.00	8,495.0	249.0	-73.0	-250.3	0.00	0.00	0.00
8,600.0	0.00	0.00	8,595.0	249.0	-73.0	-250.3	0.00	0.00	0.00
8,700.0	0.00	0.00	8,695.0	249.0	-73.0	-250.3	0.00	0.00	0.00
8,800.0	0.00	0.00	8,795.0	249.0	-73.0	-250.3	0.00	0.00	0.00
8,900.0	0.00	0.00	8,895.0	249.0	-73.0	-250.3	0.00	0.00	0.00
9,000.0	0.00	0.00	8,995.0	249.0	-73.0	-250.3	0.00	0.00	0.00
9,100.0	0.00	0.00	9,095.0	249.0	-73.0	-250.3	0.00	0.00	0.00
9,200.0	0.00	0.00	9,195.0	249.0	-73.0	-250.3	0.00	0.00	0.00
9,300.0	0.00	0.00	9,295.0	249.0	-73.0	-250.3	0.00	0.00	0.00
9,400.0	0.00	0.00	9,395.0	249.0	-73.0	-250.3	0.00	0.00	0.00
9,500.0	0.00	0.00	9,495.0	249.0	-73.0	-250.3	0.00	0.00	0.00
9,600.0	0.00	0.00	9,595.0	249.0	-73.0	-250.3	0.00	0.00	0.00
9,700.0	0.00	0.00	9,695.0	249.0	-73.0	-250.3	0.00	0.00	0.00
9,800.0	0.00	0.00	9,795.0	249.0	-73.0	-250.3	0.00	0.00	0.00
9,900.0	0.00	0.00	9,895.0	249.0	-73.0	-250.3	0.00	0.00	0.00
10,000.0	0.00	0.00	9,995.0	249.0	-73.0	-250.3	0.00	0.00	0.00
10,100.0	0.00	0.00	10,095.0	249.0	-73.0	-250.3	0.00	0.00	0.00
10,200.0	0.00	0.00	10,195.0	249.0	-73.0	-250.3	0.00	0.00	0.00
10,300.0	0.00	0.00	10,295.0	249.0	-73.0	-250.3	0.00	0.00	0.00
10,400.0	0.00	0.00	10,395.0	249.0	-73.0	-250.3	0.00	0.00	0.00



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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	-73.0	-250.3	0.00	0.00	0.00
10,600.0	0.00	0.00	10,595.0	249.0	-73.0	-250.3	0.00	0.00	0.00
10,700.0	0.00	0.00	10,695.0	249.0	-73.0	-250.3	0.00	0.00	0.00
10,800.0	0.00	0.00	10,795.0	249.0	-73.0	-250.3	0.00	0.00	0.00
10,900.0	0.00	0.00	10,895.0	249.0	-73.0	-250.3	0.00	0.00	0.00
11,000.0	0.00	0.00	10,995.0	249.0	-73.0	-250.3	0.00	0.00	0.00
11,100.0	0.00	0.00	11,095.0	249.0	-73.0	-250.3	0.00	0.00	0.00
11,200.0	0.00	0.00	11,195.0	249.0	-73.0	-250.3	0.00	0.00	0.00
11,300.0	0.00	0.00	11,295.0	249.0	-73.0	-250.3	0.00	0.00	0.00
11,400.0	0.00	0.00	11,395.0	249.0	-73.0	-250.3	0.00	0.00	0.00
11,500.0	0.00	0.00	11,495.0	249.0	-73.0	-250.3	0.00	0.00	0.00
11,600.0	0.00	0.00	11,595.0	249.0	-73.0	-250.3	0.00	0.00	0.00
11,700.0	0.00	0.00	11,695.0	249.0	-73.0	-250.3	0.00	0.00	0.00
11,804.5	0.00	0.00	11,799.5	249.0	-73.0	-250.3	0.00	0.00	0.00
KOP(Quijote 2 State Com #715H)									
11,825.0	2.46	178.22	11,820.0	248.6	-73.0	-249.8	12.00	12.00	0.00
11,850.0	5.46	178.22	11,844.9	248.8	-72.9	-248.1	12.00	12.00	0.00
11,875.0	8.46	178.22	11,869.7	243.8	-72.8	-245.1	12.00	12.00	0.00
11,900.0	11.46	178.22	11,894.3	239.5	-72.7	-240.8	12.00	12.00	0.00
11,925.0	14.46	178.22	11,918.7	233.9	-72.5	-235.2	12.00	12.00	0.00
11,950.0	17.46	178.22	11,942.7	227.0	-72.3	-228.3	12.00	12.00	0.00
11,975.0	20.46	178.22	11,966.4	218.9	-72.1	-220.2	12.00	12.00	0.00
12,000.0	23.46	178.22	11,989.5	209.6	-71.8	-210.8	12.00	12.00	0.00
12,025.0	26.46	178.22	12,012.2	199.0	-71.4	-200.3	12.00	12.00	0.00
12,050.0	29.46	178.22	12,034.3	187.3	-71.1	-188.6	12.00	12.00	0.00
12,075.0	32.46	178.22	12,055.7	174.5	-70.7	-175.7	12.00	12.00	0.00
12,100.0	35.46	178.22	12,076.5	160.5	-70.2	-161.7	12.00	12.00	0.00
12,125.0	38.46	178.22	12,096.4	145.5	-69.8	-146.7	12.00	12.00	0.00
12,150.0	41.46	178.22	12,115.6	129.4	-69.3	-130.7	12.00	12.00	0.00
12,175.0	44.46	178.22	12,133.9	112.4	-68.7	-113.6	12.00	12.00	0.00
12,200.0	47.46	178.22	12,151.3	94.5	-68.2	-95.7	12.00	12.00	0.00
12,203.6	47.89	178.22	12,153.7	91.8	-68.1	-93.0	12.00	12.00	0.00
FTP(Quijote 2 State Com #715H)									
12,225.0	50.46	178.22	12,167.7	75.6	-67.6	-76.8	12.00	12.00	0.00
12,250.0	53.46	178.22	12,183.1	55.9	-67.0	-57.1	12.00	12.00	0.00
12,275.0	56.46	178.22	12,197.4	35.5	-66.3	-36.7	12.00	12.00	0.00
12,300.0	59.46	178.22	12,210.7	14.3	-65.7	-15.5	12.00	12.00	0.00
12,325.0	62.46	178.22	12,222.8	-7.5	-65.0	6.4	12.00	12.00	0.00
12,350.0	65.46	178.22	12,233.8	-30.0	-64.3	28.8	12.00	12.00	0.00
12,375.0	68.46	178.22	12,243.6	-53.0	-63.6	51.8	12.00	12.00	0.00
12,400.0	71.46	178.22	12,252.2	-76.5	-62.9	75.3	12.00	12.00	0.00
12,425.0	74.46	178.22	12,259.5	-100.3	-62.1	99.2	12.00	12.00	0.00
12,450.0	77.46	178.22	12,265.6	-124.6	-61.4	123.5	12.00	12.00	0.00
12,475.0	80.46	178.22	12,270.4	-149.1	-60.6	148.0	12.00	12.00	0.00
12,500.0	83.46	178.22	12,273.9	-173.8	-59.8	172.7	12.00	12.00	0.00
12,525.0	86.46	178.22	12,276.1	-198.7	-59.1	197.6	12.00	12.00	0.00
12,550.0	89.46	178.22	12,276.9	-223.7	-58.3	222.6	12.00	12.00	0.00
12,554.5	90.00	178.22	12,277.0	-228.2	-58.1	227.1	12.00	12.00	0.00
12,600.0	90.00	178.22	12,277.0	-273.7	-56.7	272.6	0.00	0.00	0.00
12,700.0	90.00	178.22	12,277.0	-373.6	-53.6	372.6	0.00	0.00	0.00
12,800.0	90.00	178.22	12,277.0	-473.6	-50.5	472.6	0.00	0.00	0.00
12,900.0	90.00	178.22	12,277.0	-573.5	-47.4	572.6	0.00	0.00	0.00
13,000.0	90.00	178.22	12,277.0	-673.5	-44.3	672.6	0.00	0.00	0.00
13,100.0	90.00	178.22	12,277.0	-773.4	-41.1	772.6	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: #715H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #715H
 TVD Reference: KB = 25 @ 3362.0usft
 MD Reference: KB = 25 @ 3362.0usft
 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	178.22	12,277.0	-873.4	-38.0	872.6	0.00	0.00	0.00
13,300.0	90.00	178.22	12,277.0	-973.3	-34.9	972.5	0.00	0.00	0.00
13,400.0	90.00	178.22	12,277.0	-1,073.3	-31.8	1,072.5	0.00	0.00	0.00
13,500.0	90.00	178.22	12,277.0	-1,173.2	-28.7	1,172.5	0.00	0.00	0.00
13,600.0	90.00	178.22	12,277.0	-1,273.2	-25.6	1,272.5	0.00	0.00	0.00
13,700.0	90.00	178.22	12,277.0	-1,373.1	-22.5	1,372.5	0.00	0.00	0.00
13,800.0	90.00	178.22	12,277.0	-1,473.1	-19.4	1,472.5	0.00	0.00	0.00
13,900.0	90.00	178.22	12,277.0	-1,573.0	-16.2	1,572.5	0.00	0.00	0.00
14,000.0	90.00	178.22	12,277.0	-1,673.0	-13.1	1,672.5	0.00	0.00	0.00
14,100.0	90.00	178.22	12,277.0	-1,772.9	-10.0	1,772.5	0.00	0.00	0.00
14,200.0	90.00	178.22	12,277.0	-1,872.9	-6.9	1,872.5	0.00	0.00	0.00
14,300.0	90.00	178.22	12,277.0	-1,972.8	-3.8	1,972.5	0.00	0.00	0.00
14,400.0	90.00	178.22	12,277.0	-2,072.8	-0.7	2,072.5	0.00	0.00	0.00
14,500.0	90.00	178.22	12,277.0	-2,172.7	2.4	2,172.4	0.00	0.00	0.00
14,600.0	90.00	178.22	12,277.0	-2,272.7	5.6	2,272.4	0.00	0.00	0.00
14,700.0	90.00	178.22	12,277.0	-2,372.7	8.7	2,372.4	0.00	0.00	0.00
14,800.0	90.00	178.22	12,277.0	-2,472.6	11.8	2,472.4	0.00	0.00	0.00
14,900.0	90.00	178.22	12,277.0	-2,572.6	14.9	2,572.4	0.00	0.00	0.00
15,000.0	90.00	178.22	12,277.0	-2,672.5	18.0	2,672.4	0.00	0.00	0.00
15,100.0	90.00	178.22	12,277.0	-2,772.5	21.1	2,772.4	0.00	0.00	0.00
15,200.0	90.00	178.22	12,277.0	-2,872.4	24.2	2,872.4	0.00	0.00	0.00
15,300.0	90.00	178.22	12,277.0	-2,972.4	27.4	2,972.4	0.00	0.00	0.00
15,400.0	90.00	178.22	12,277.0	-3,072.3	30.5	3,072.4	0.00	0.00	0.00
15,500.0	90.00	178.22	12,277.0	-3,172.3	33.6	3,172.4	0.00	0.00	0.00
15,600.0	90.00	178.22	12,277.0	-3,272.2	36.7	3,272.3	0.00	0.00	0.00
15,700.0	90.00	178.22	12,277.0	-3,372.2	39.8	3,372.3	0.00	0.00	0.00
15,800.0	90.00	178.22	12,277.0	-3,472.1	42.9	3,472.3	0.00	0.00	0.00
15,900.0	90.00	178.22	12,277.0	-3,572.1	46.0	3,572.3	0.00	0.00	0.00
16,000.0	90.00	178.22	12,277.0	-3,672.0	49.2	3,672.3	0.00	0.00	0.00
16,100.0	90.00	178.22	12,277.0	-3,772.0	52.3	3,772.3	0.00	0.00	0.00
16,200.0	90.00	178.22	12,277.0	-3,871.9	55.4	3,872.3	0.00	0.00	0.00
16,300.0	90.00	178.22	12,277.0	-3,971.9	58.5	3,972.3	0.00	0.00	0.00
16,400.0	90.00	178.22	12,277.0	-4,071.8	61.6	4,072.3	0.00	0.00	0.00
16,500.0	90.00	178.22	12,277.0	-4,171.8	64.7	4,172.3	0.00	0.00	0.00
16,600.0	90.00	178.22	12,277.0	-4,271.7	67.8	4,272.3	0.00	0.00	0.00
16,700.0	90.00	178.22	12,277.0	-4,371.7	71.0	4,372.3	0.00	0.00	0.00
16,800.0	90.00	178.22	12,277.0	-4,471.6	74.1	4,472.2	0.00	0.00	0.00
16,900.0	90.00	178.22	12,277.0	-4,571.6	77.2	4,572.2	0.00	0.00	0.00
17,000.0	90.00	178.22	12,277.0	-4,671.5	80.3	4,672.2	0.00	0.00	0.00
17,100.0	90.00	178.22	12,277.0	-4,771.5	83.4	4,772.2	0.00	0.00	0.00
17,200.0	90.00	178.22	12,277.0	-4,871.4	86.5	4,872.2	0.00	0.00	0.00
17,279.6	90.00	178.22	12,277.0	-4,951.0	89.0	4,951.8	0.00	0.00	0.00

PBHL(Quijote 2 State Com #715H)

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #715H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3362.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3362.0usft
Site:	Quijote 2 State State Com	North Reference:	Grid
Well:	#715H	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 Coi - plan hits target center - Point	0.00	0.00	11,799.5	249.0	-73.0	393,369.00	754,994.00	32° 4' 46.463 N	103° 38' 36.611 W
PBHL(Quijote 2 State C - plan hits target center - Point	0.00	0.00	12,277.0	-4,951.0	89.0	388,169.00	755,156.00	32° 3' 54.996 N	103° 38' 35.115 W
FTP(Quijote 2 State Con - plan misses target center by 163.5usft at 12203.6usft MD (12153.7 TVD, 91.8 N, -88.1 E) - Point	0.00	0.00	12,277.0	199.0	-73.0	393,319.00	754,994.00	32° 4' 45.969 N	103° 38' 36.615 W