



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Durango 2 State

#703H

OH

Plan: Plan #0.2

Standard Planning Report

18 April, 2019



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Durango 2 State
Well: #703H
Wellbore: OH
Design: Plan #0.2

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 25' @ 3515.0usft
MD Reference: KB = 25' @ 3515.0usft
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	Durango 2 State			
Site Position:		Northing:	425,051.00 usft	Latitude: 32° 9' 58.041 N
From: Map		Easting:	783,515.00 usft	Longitude: 103° 33' 2.454 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.42 °

Well	#703H			
Well Position	+N/-S	54.0 usft	Northing:	425,105.00 usft
	+E/-W	1,812.0 usft	Easting:	785,327.00 usft
Position Uncertainty	0.0 usft		Wellhead Elevation:	Ground Level: 3,490.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	4/4/2019	6.74	59.99	47,721.42029296

Design	Plan #0.2			
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	185.51

Plan Survey Tool Program	Date 4/18/2019			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,447.4 Plan #0.2 (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	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,173.9	3.48	287.63	3,173.8	1.6	-5.0	2.00	2.00	0.00	287.63	
11,873.9	3.48	287.63	11,857.7	161.4	-508.0	0.00	0.00	0.00	0.00	
12,047.7	0.00	0.00	12,031.5	163.0	-513.0	2.00	-2.00	0.00	180.00	KOP(Durango 2 State
12,797.7	90.00	179.62	12,509.0	-314.5	-509.8	12.00	12.00	23.95	179.62	
17,447.4	90.00	179.62	12,509.0	-4,964.0	-479.0	0.00	0.00	0.00	0.00	PBHL(Durango 2 Stat



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 TVD Reference: KB = 25' @ 3515.0usft
 MD Reference: KB = 25' @ 3515.0usft
 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)
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	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	2.00	287.63	3,100.0	0.5	-1.7	-0.4	2.00	2.00	0.00
3,173.9	3.48	287.63	3,173.8	1.6	-5.0	-1.1	2.00	2.00	0.00
3,200.0	3.48	287.63	3,199.8	2.1	-6.5	-1.4	0.00	0.00	0.00
3,300.0	3.48	287.63	3,299.7	3.9	-12.3	-2.7	0.00	0.00	0.00
3,400.0	3.48	287.63	3,399.5	5.8	-18.1	-4.0	0.00	0.00	0.00
3,500.0	3.48	287.63	3,499.3	7.6	-23.9	-5.3	0.00	0.00	0.00
3,600.0	3.48	287.63	3,599.1	9.4	-29.7	-6.5	0.00	0.00	0.00
3,700.0	3.48	287.63	3,698.9	11.3	-35.4	-7.8	0.00	0.00	0.00
3,800.0	3.48	287.63	3,798.7	13.1	-41.2	-9.1	0.00	0.00	0.00
3,900.0	3.48	287.63	3,898.6	14.9	-47.0	-10.4	0.00	0.00	0.00
4,000.0	3.48	287.63	3,998.4	16.8	-52.8	-11.6	0.00	0.00	0.00
4,100.0	3.48	287.63	4,098.2	18.6	-58.6	-12.9	0.00	0.00	0.00
4,200.0	3.48	287.63	4,198.0	20.4	-64.3	-14.2	0.00	0.00	0.00
4,300.0	3.48	287.63	4,297.8	22.3	-70.1	-15.4	0.00	0.00	0.00
4,400.0	3.48	287.63	4,397.6	24.1	-75.9	-16.7	0.00	0.00	0.00
4,500.0	3.48	287.63	4,497.5	26.0	-81.7	-18.0	0.00	0.00	0.00
4,600.0	3.48	287.63	4,597.3	27.8	-87.5	-19.3	0.00	0.00	0.00
4,700.0	3.48	287.63	4,697.1	29.6	-93.3	-20.5	0.00	0.00	0.00
4,800.0	3.48	287.63	4,796.9	31.5	-99.0	-21.8	0.00	0.00	0.00
4,900.0	3.48	287.63	4,896.7	33.3	-104.8	-23.1	0.00	0.00	0.00
5,000.0	3.48	287.63	4,996.5	35.1	-110.6	-24.4	0.00	0.00	0.00
5,100.0	3.48	287.63	5,096.3	37.0	-116.4	-25.6	0.00	0.00	0.00
5,200.0	3.48	287.63	5,196.2	38.8	-122.2	-26.9	0.00	0.00	0.00



Planning Report

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Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3515.0usft
Site:	Durango 2 State	North Reference:	Grid
Well:	#703H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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	3.48	287.63	5,296.0	40.7	-127.9	-28.2	0.00	0.00	0.00
5,400.0	3.48	287.63	5,395.8	42.5	-133.7	-29.4	0.00	0.00	0.00
5,500.0	3.48	287.63	5,495.6	44.3	-139.5	-30.7	0.00	0.00	0.00
5,600.0	3.48	287.63	5,595.4	46.2	-145.3	-32.0	0.00	0.00	0.00
5,700.0	3.48	287.63	5,695.2	48.0	-151.1	-33.3	0.00	0.00	0.00
5,800.0	3.48	287.63	5,795.1	49.8	-156.8	-34.5	0.00	0.00	0.00
5,900.0	3.48	287.63	5,894.9	51.7	-162.6	-35.8	0.00	0.00	0.00
6,000.0	3.48	287.63	5,994.7	53.5	-168.4	-37.1	0.00	0.00	0.00
6,100.0	3.48	287.63	6,094.5	55.3	-174.2	-38.4	0.00	0.00	0.00
6,200.0	3.48	287.63	6,194.3	57.2	-180.0	-39.6	0.00	0.00	0.00
6,300.0	3.48	287.63	6,294.1	59.0	-185.7	-40.9	0.00	0.00	0.00
6,400.0	3.48	287.63	6,394.0	60.9	-191.5	-42.2	0.00	0.00	0.00
6,500.0	3.48	287.63	6,493.8	62.7	-197.3	-43.5	0.00	0.00	0.00
6,600.0	3.48	287.63	6,593.6	64.5	-203.1	-44.7	0.00	0.00	0.00
6,700.0	3.48	287.63	6,693.4	66.4	-208.9	-46.0	0.00	0.00	0.00
6,800.0	3.48	287.63	6,793.2	68.2	-214.7	-47.3	0.00	0.00	0.00
6,900.0	3.48	287.63	6,893.0	70.0	-220.4	-48.5	0.00	0.00	0.00
7,000.0	3.48	287.63	6,992.8	71.9	-226.2	-49.8	0.00	0.00	0.00
7,100.0	3.48	287.63	7,092.7	73.7	-232.0	-51.1	0.00	0.00	0.00
7,200.0	3.48	287.63	7,192.5	75.6	-237.8	-52.4	0.00	0.00	0.00
7,300.0	3.48	287.63	7,292.3	77.4	-243.6	-53.6	0.00	0.00	0.00
7,400.0	3.48	287.63	7,392.1	79.2	-249.3	-54.9	0.00	0.00	0.00
7,500.0	3.48	287.63	7,491.9	81.1	-255.1	-56.2	0.00	0.00	0.00
7,600.0	3.48	287.63	7,591.7	82.9	-260.9	-57.5	0.00	0.00	0.00
7,700.0	3.48	287.63	7,691.6	84.7	-266.7	-58.7	0.00	0.00	0.00
7,800.0	3.48	287.63	7,791.4	86.6	-272.5	-60.0	0.00	0.00	0.00
7,900.0	3.48	287.63	7,891.2	88.4	-278.2	-61.3	0.00	0.00	0.00
8,000.0	3.48	287.63	7,991.0	90.2	-284.0	-62.5	0.00	0.00	0.00
8,100.0	3.48	287.63	8,090.8	92.1	-289.8	-63.8	0.00	0.00	0.00
8,200.0	3.48	287.63	8,190.6	93.9	-295.6	-65.1	0.00	0.00	0.00
8,300.0	3.48	287.63	8,290.5	95.8	-301.4	-66.4	0.00	0.00	0.00
8,400.0	3.48	287.63	8,390.3	97.6	-307.1	-67.6	0.00	0.00	0.00
8,500.0	3.48	287.63	8,490.1	99.4	-312.9	-68.9	0.00	0.00	0.00
8,600.0	3.48	287.63	8,589.9	101.3	-318.7	-70.2	0.00	0.00	0.00
8,700.0	3.48	287.63	8,689.7	103.1	-324.5	-71.5	0.00	0.00	0.00
8,800.0	3.48	287.63	8,789.5	104.9	-330.3	-72.7	0.00	0.00	0.00
8,900.0	3.48	287.63	8,889.3	106.8	-336.1	-74.0	0.00	0.00	0.00
9,000.0	3.48	287.63	8,989.2	108.6	-341.8	-75.3	0.00	0.00	0.00
9,100.0	3.48	287.63	9,089.0	110.5	-347.6	-76.6	0.00	0.00	0.00
9,200.0	3.48	287.63	9,188.8	112.3	-353.4	-77.8	0.00	0.00	0.00
9,300.0	3.48	287.63	9,288.6	114.1	-359.2	-79.1	0.00	0.00	0.00
9,400.0	3.48	287.63	9,388.4	116.0	-365.0	-80.4	0.00	0.00	0.00
9,500.0	3.48	287.63	9,488.2	117.8	-370.7	-81.6	0.00	0.00	0.00
9,600.0	3.48	287.63	9,588.1	119.6	-376.5	-82.9	0.00	0.00	0.00
9,700.0	3.48	287.63	9,687.9	121.5	-382.3	-84.2	0.00	0.00	0.00
9,800.0	3.48	287.63	9,787.7	123.3	-388.1	-85.5	0.00	0.00	0.00
9,900.0	3.48	287.63	9,887.5	125.1	-393.9	-86.7	0.00	0.00	0.00
10,000.0	3.48	287.63	9,987.3	127.0	-399.6	-88.0	0.00	0.00	0.00
10,100.0	3.48	287.63	10,087.1	128.8	-405.4	-89.3	0.00	0.00	0.00
10,200.0	3.48	287.63	10,187.0	130.7	-411.2	-90.6	0.00	0.00	0.00
10,300.0	3.48	287.63	10,286.8	132.5	-417.0	-91.8	0.00	0.00	0.00
10,400.0	3.48	287.63	10,386.6	134.3	-422.8	-93.1	0.00	0.00	0.00
10,500.0	3.48	287.63	10,486.4	136.2	-428.6	-94.4	0.00	0.00	0.00
10,600.0	3.48	287.63	10,586.2	138.0	-434.3	-95.6	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)
10,700.0	3.48	287.63	10,686.0	139.8	-440.1	-96.9	0.00	0.00	0.00
10,800.0	3.48	287.63	10,785.9	141.7	-445.9	-98.2	0.00	0.00	0.00
10,900.0	3.48	287.63	10,885.7	143.5	-451.7	-99.5	0.00	0.00	0.00
11,000.0	3.48	287.63	10,985.5	145.4	-457.5	-100.7	0.00	0.00	0.00
11,100.0	3.48	287.63	11,085.3	147.2	-463.2	-102.0	0.00	0.00	0.00
11,200.0	3.48	287.63	11,185.1	149.0	-469.0	-103.3	0.00	0.00	0.00
11,300.0	3.48	287.63	11,284.9	150.9	-474.8	-104.6	0.00	0.00	0.00
11,400.0	3.48	287.63	11,384.7	152.7	-480.6	-105.8	0.00	0.00	0.00
11,500.0	3.48	287.63	11,484.6	154.5	-486.4	-107.1	0.00	0.00	0.00
11,600.0	3.48	287.63	11,584.4	156.4	-492.1	-108.4	0.00	0.00	0.00
11,700.0	3.48	287.63	11,684.2	158.2	-497.9	-109.7	0.00	0.00	0.00
11,800.0	3.48	287.63	11,784.0	160.0	-503.7	-110.9	0.00	0.00	0.00
11,873.9	3.48	287.63	11,857.7	161.4	-508.0	-111.9	0.00	0.00	0.00
11,900.0	2.95	287.63	11,883.8	161.8	-509.4	-112.2	2.00	-2.00	0.00
12,000.0	0.95	287.63	11,983.8	162.9	-512.6	-112.9	2.00	-2.00	0.00
12,047.7	0.00	0.00	12,031.5	163.0	-513.0	-113.0	2.00	-2.00	0.00
12,050.0	0.27	179.62	12,033.8	163.0	-513.0	-113.0	12.00	12.00	0.00
12,075.0	3.27	179.62	12,058.8	162.2	-513.0	-112.2	12.00	12.00	0.00
12,100.0	6.27	179.62	12,083.7	160.1	-513.0	-110.1	12.00	12.00	0.00
12,125.0	9.27	179.62	12,108.4	156.8	-513.0	-106.8	12.00	12.00	0.00
12,150.0	12.27	179.62	12,133.0	152.1	-512.9	-102.1	12.00	12.00	0.00
12,175.0	15.27	179.62	12,157.3	146.1	-512.9	-96.2	12.00	12.00	0.00
12,200.0	18.27	179.62	12,181.2	138.9	-512.8	-89.0	12.00	12.00	0.00
12,225.0	21.27	179.62	12,204.7	130.5	-512.8	-80.6	12.00	12.00	0.00
12,250.0	24.27	179.62	12,227.8	120.8	-512.7	-71.0	12.00	12.00	0.00
12,275.0	27.27	179.62	12,250.3	109.9	-512.6	-60.2	12.00	12.00	0.00
12,300.0	30.27	179.62	12,272.2	97.9	-512.6	-48.2	12.00	12.00	0.00
12,325.0	33.27	179.62	12,293.4	84.7	-512.5	-35.1	12.00	12.00	0.00
12,350.0	36.27	179.62	12,314.0	70.5	-512.4	-20.9	12.00	12.00	0.00
12,375.0	39.27	179.62	12,333.7	55.2	-512.3	-5.7	12.00	12.00	0.00
12,400.0	42.27	179.62	12,352.7	38.8	-512.2	10.5	12.00	12.00	0.00
12,425.0	45.27	179.62	12,370.7	21.6	-512.1	27.7	12.00	12.00	0.00
12,450.0	48.27	179.62	12,387.8	3.3	-511.9	45.8	12.00	12.00	0.00
12,475.0	51.27	179.62	12,404.0	-15.7	-511.8	64.8	12.00	12.00	0.00
12,500.0	54.27	179.62	12,419.1	-35.7	-511.7	84.6	12.00	12.00	0.00
12,525.0	57.27	179.62	12,433.2	-56.3	-511.5	105.2	12.00	12.00	0.00
12,550.0	60.27	179.62	12,446.1	-77.7	-511.4	126.5	12.00	12.00	0.00
12,575.0	63.27	179.62	12,457.9	-99.7	-511.3	148.4	12.00	12.00	0.00
12,600.0	66.27	179.62	12,468.6	-122.3	-511.1	170.9	12.00	12.00	0.00
12,625.0	69.27	179.62	12,478.1	-145.5	-511.0	193.9	12.00	12.00	0.00
12,650.0	72.27	179.62	12,486.3	-169.1	-510.8	217.3	12.00	12.00	0.00
12,675.0	75.27	179.62	12,493.3	-193.1	-510.6	241.2	12.00	12.00	0.00
12,700.0	78.27	179.62	12,499.0	-217.4	-510.5	265.4	12.00	12.00	0.00
12,725.0	81.27	179.62	12,503.4	-242.0	-510.3	289.9	12.00	12.00	0.00
12,750.0	84.27	179.62	12,506.6	-266.8	-510.1	314.6	12.00	12.00	0.00
12,775.0	87.27	179.62	12,508.4	-291.7	-510.0	339.4	12.00	12.00	0.00
12,797.7	90.00	179.62	12,509.0	-314.5	-509.8	362.0	12.00	12.00	0.00
12,800.0	90.00	179.62	12,509.0	-316.7	-509.8	364.2	0.00	0.00	0.00
12,900.0	90.00	179.62	12,509.0	-416.7	-509.2	463.7	0.00	0.00	0.00
13,000.0	90.00	179.62	12,509.0	-516.7	-508.5	563.2	0.00	0.00	0.00
13,100.0	90.00	179.62	12,509.0	-616.7	-507.8	662.6	0.00	0.00	0.00
13,200.0	90.00	179.62	12,509.0	-716.7	-507.2	762.1	0.00	0.00	0.00
13,300.0	90.00	179.62	12,509.0	-816.7	-506.5	861.6	0.00	0.00	0.00
13,400.0	90.00	179.62	12,509.0	-916.7	-505.8	961.1	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Durango 2 State
 Well: #703H
 Wellbore: OH
 Design: Plan #0.2

Local Co-ordinate Reference: Well #703H
 TVD Reference: KB = 25' @ 3515.0usft
 MD Reference: KB = 25' @ 3515.0usft
 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)
13,500.0	90.00	179.62	12,509.0	-1,016.7	-505.2	1,060.5	0.00	0.00	0.00
13,600.0	90.00	179.62	12,509.0	-1,116.7	-504.5	1,160.0	0.00	0.00	0.00
13,700.0	90.00	179.62	12,509.0	-1,216.7	-503.9	1,259.5	0.00	0.00	0.00
13,800.0	90.00	179.62	12,509.0	-1,316.7	-503.2	1,358.9	0.00	0.00	0.00
13,900.0	90.00	179.62	12,509.0	-1,416.7	-502.5	1,458.4	0.00	0.00	0.00
14,000.0	90.00	179.62	12,509.0	-1,516.7	-501.9	1,557.9	0.00	0.00	0.00
14,100.0	90.00	179.62	12,509.0	-1,616.7	-501.2	1,657.4	0.00	0.00	0.00
14,200.0	90.00	179.62	12,509.0	-1,716.7	-500.5	1,756.8	0.00	0.00	0.00
14,300.0	90.00	179.62	12,509.0	-1,816.7	-499.9	1,856.3	0.00	0.00	0.00
14,400.0	90.00	179.62	12,509.0	-1,916.7	-499.2	1,955.8	0.00	0.00	0.00
14,500.0	90.00	179.62	12,509.0	-2,016.7	-498.5	2,055.2	0.00	0.00	0.00
14,600.0	90.00	179.62	12,509.0	-2,116.7	-497.9	2,154.7	0.00	0.00	0.00
14,700.0	90.00	179.62	12,509.0	-2,216.7	-497.2	2,254.2	0.00	0.00	0.00
14,800.0	90.00	179.62	12,509.0	-2,316.7	-496.6	2,353.7	0.00	0.00	0.00
14,900.0	90.00	179.62	12,509.0	-2,416.7	-495.9	2,453.1	0.00	0.00	0.00
15,000.0	90.00	179.62	12,509.0	-2,516.7	-495.2	2,552.6	0.00	0.00	0.00
15,100.0	90.00	179.62	12,509.0	-2,616.7	-494.6	2,652.1	0.00	0.00	0.00
15,200.0	90.00	179.62	12,509.0	-2,716.7	-493.9	2,751.5	0.00	0.00	0.00
15,300.0	90.00	179.62	12,509.0	-2,816.7	-493.2	2,851.0	0.00	0.00	0.00
15,400.0	90.00	179.62	12,509.0	-2,916.7	-492.6	2,950.5	0.00	0.00	0.00
15,500.0	90.00	179.62	12,509.0	-3,016.7	-491.9	3,050.0	0.00	0.00	0.00
15,600.0	90.00	179.62	12,509.0	-3,116.7	-491.3	3,149.4	0.00	0.00	0.00
15,700.0	90.00	179.62	12,509.0	-3,216.7	-490.6	3,248.9	0.00	0.00	0.00
15,800.0	90.00	179.62	12,509.0	-3,316.7	-489.9	3,348.4	0.00	0.00	0.00
15,900.0	90.00	179.62	12,509.0	-3,416.7	-489.3	3,447.8	0.00	0.00	0.00
16,000.0	90.00	179.62	12,509.0	-3,516.7	-488.6	3,547.3	0.00	0.00	0.00
16,100.0	90.00	179.62	12,509.0	-3,616.6	-487.9	3,646.8	0.00	0.00	0.00
16,200.0	90.00	179.62	12,509.0	-3,716.6	-487.3	3,746.3	0.00	0.00	0.00
16,300.0	90.00	179.62	12,509.0	-3,816.6	-486.6	3,845.7	0.00	0.00	0.00
16,400.0	90.00	179.62	12,509.0	-3,916.6	-485.9	3,945.2	0.00	0.00	0.00
16,500.0	90.00	179.62	12,509.0	-4,016.6	-485.3	4,044.7	0.00	0.00	0.00
16,600.0	90.00	179.62	12,509.0	-4,116.6	-484.6	4,144.2	0.00	0.00	0.00
16,700.0	90.00	179.62	12,509.0	-4,216.6	-484.0	4,243.6	0.00	0.00	0.00
16,800.0	90.00	179.62	12,509.0	-4,316.6	-483.3	4,343.1	0.00	0.00	0.00
16,900.0	90.00	179.62	12,509.0	-4,416.6	-482.6	4,442.6	0.00	0.00	0.00
17,000.0	90.00	179.62	12,509.0	-4,516.6	-482.0	4,542.0	0.00	0.00	0.00
17,100.0	90.00	179.62	12,509.0	-4,616.6	-481.3	4,641.5	0.00	0.00	0.00
17,200.0	90.00	179.62	12,509.0	-4,716.6	-480.6	4,741.0	0.00	0.00	0.00
17,300.0	90.00	179.62	12,509.0	-4,816.6	-480.0	4,840.5	0.00	0.00	0.00
17,400.0	90.00	179.62	12,509.0	-4,916.6	-479.3	4,939.9	0.00	0.00	0.00
17,447.4	90.00	179.62	12,509.0	-4,964.0	-479.0	4,987.1	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #703H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3515.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3515.0usft
Site:	Durango 2 State	North Reference:	Grid
Well:	#703H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
KOP(Durango 2 State #7 - plan hits target center - Point	0.00	0.00	12,031.5	163.0	-513.0	425,268.00	784,814.00	32° 10' 0.095 N	103° 32' 47.324 W
PBHL(Durango 2 State #7 - plan hits target center - Point	0.00	0.00	12,509.0	-4,964.0	-479.0	420,141.00	784,848.00	32° 9' 9.359 N	103° 32' 47.365 W
FTP(Durango 2 State #7 - plan misses target center by 163.4usft at 12450.0usft MD (12387.8 TVD, 3.3 N, -511.9 E) - Point	0.00	0.00	12,509.0	113.0	-513.0	425,218.00	784,814.00	32° 9' 59.600 N	103° 32' 47.328 W