



HOBBS OCD
APR 26 2019
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EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Durango 2 State

#702H

OH

Plan: Plan #0.1

Standard Planning Report

04 April, 2019



Planning Report

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

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3502.0usft
MD Reference: KB = 25' @ 3502.0usft
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	#702H					
Well Position	+N/-S	-33.0 usft	Northing:	425,018.00 usft	Latitude:	32° 9' 57.714 N
	+E/-W	0.0 usft	Easting:	783,515.00 usft	Longitude:	103° 33' 2.457 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,477.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	4/4/2019	6.74	59.99	47,720.78753502

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	171.57	

Plan Survey Tool Program	Date	4/4/2019			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	17,460.2	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	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,237.7	4.75	70.43	3,237.4	3.3	9.3	2.00	2.00	0.00	70.43	
11,823.9	4.75	70.43	11,794.1	241.7	679.7	0.00	0.00	0.00	0.00	
12,061.6	0.00	0.00	12,031.5	245.0	689.0	2.00	-2.00	0.00	180.00	KOP(Durango 2 State
12,811.6	90.00	179.62	12,509.0	-232.5	692.2	12.00	12.00	23.95	179.62	
17,460.2	90.00	179.62	12,509.0	-4,881.0	723.0	0.00	0.00	0.00	0.00	PBHL(Durango 2 Stat



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Planned Survey

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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	70.43	3,100.0	0.6	1.6	-0.3	2.00	2.00	0.00
3,200.0	4.00	70.43	3,199.8	2.3	6.6	-1.3	2.00	2.00	0.00
3,237.7	4.75	70.43	3,237.4	3.3	9.3	-1.9	2.00	2.00	0.00
3,300.0	4.75	70.43	3,299.5	5.0	14.2	-2.9	0.00	0.00	0.00
3,400.0	4.75	70.43	3,399.2	7.8	22.0	-4.5	0.00	0.00	0.00
3,500.0	4.75	70.43	3,498.8	10.6	29.8	-6.1	0.00	0.00	0.00
3,600.0	4.75	70.43	3,598.5	13.4	37.6	-7.7	0.00	0.00	0.00
3,700.0	4.75	70.43	3,698.1	16.1	45.4	-9.3	0.00	0.00	0.00
3,800.0	4.75	70.43	3,797.8	18.9	53.2	-10.9	0.00	0.00	0.00
3,900.0	4.75	70.43	3,897.4	21.7	61.0	-12.5	0.00	0.00	0.00
4,000.0	4.75	70.43	3,997.1	24.5	68.8	-14.1	0.00	0.00	0.00
4,100.0	4.75	70.43	4,096.8	27.2	76.6	-15.7	0.00	0.00	0.00
4,200.0	4.75	70.43	4,196.4	30.0	84.4	-17.3	0.00	0.00	0.00
4,300.0	4.75	70.43	4,296.1	32.8	92.2	-18.9	0.00	0.00	0.00
4,400.0	4.75	70.43	4,395.7	35.6	100.0	-20.5	0.00	0.00	0.00
4,500.0	4.75	70.43	4,495.4	38.3	107.8	-22.1	0.00	0.00	0.00
4,600.0	4.75	70.43	4,595.0	41.1	115.7	-23.7	0.00	0.00	0.00
4,700.0	4.75	70.43	4,694.7	43.9	123.5	-25.3	0.00	0.00	0.00
4,800.0	4.75	70.43	4,794.4	46.7	131.3	-26.9	0.00	0.00	0.00
4,900.0	4.75	70.43	4,894.0	49.5	139.1	-28.5	0.00	0.00	0.00
5,000.0	4.75	70.43	4,993.7	52.2	146.9	-30.1	0.00	0.00	0.00
5,100.0	4.75	70.43	5,093.3	55.0	154.7	-31.7	0.00	0.00	0.00
5,200.0	4.75	70.43	5,193.0	57.8	162.5	-33.4	0.00	0.00	0.00



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5,300.0	4.75	70.43	5,292.6	60.6	170.3	-35.0	0.00	0.00	0.00
5,400.0	4.75	70.43	5,392.3	63.3	178.1	-36.6	0.00	0.00	0.00
5,500.0	4.75	70.43	5,491.9	66.1	185.9	-38.2	0.00	0.00	0.00
5,600.0	4.75	70.43	5,591.6	68.9	193.7	-39.8	0.00	0.00	0.00
5,700.0	4.75	70.43	5,691.3	71.7	201.5	-41.4	0.00	0.00	0.00
5,800.0	4.75	70.43	5,790.9	74.4	209.4	-43.0	0.00	0.00	0.00
5,900.0	4.75	70.43	5,890.6	77.2	217.2	-44.6	0.00	0.00	0.00
6,000.0	4.75	70.43	5,990.2	80.0	225.0	-46.2	0.00	0.00	0.00
6,100.0	4.75	70.43	6,089.9	82.8	232.8	-47.8	0.00	0.00	0.00
6,200.0	4.75	70.43	6,189.5	85.6	240.6	-49.4	0.00	0.00	0.00
6,300.0	4.75	70.43	6,289.2	88.3	248.4	-51.0	0.00	0.00	0.00
6,400.0	4.75	70.43	6,388.8	91.1	256.2	-52.6	0.00	0.00	0.00
6,500.0	4.75	70.43	6,488.5	93.9	264.0	-54.2	0.00	0.00	0.00
6,600.0	4.75	70.43	6,588.2	96.7	271.8	-55.8	0.00	0.00	0.00
6,700.0	4.75	70.43	6,687.8	99.4	279.6	-57.4	0.00	0.00	0.00
6,800.0	4.75	70.43	6,787.5	102.2	287.4	-59.0	0.00	0.00	0.00
6,900.0	4.75	70.43	6,887.1	105.0	295.2	-60.6	0.00	0.00	0.00
7,000.0	4.75	70.43	6,986.8	107.8	303.1	-62.2	0.00	0.00	0.00
7,100.0	4.75	70.43	7,086.4	110.5	310.9	-63.8	0.00	0.00	0.00
7,200.0	4.75	70.43	7,186.1	113.3	318.7	-65.4	0.00	0.00	0.00
7,300.0	4.75	70.43	7,285.8	116.1	326.5	-67.0	0.00	0.00	0.00
7,400.0	4.75	70.43	7,385.4	118.9	334.3	-68.6	0.00	0.00	0.00
7,500.0	4.75	70.43	7,485.1	121.6	342.1	-70.2	0.00	0.00	0.00
7,600.0	4.75	70.43	7,584.7	124.4	349.9	-71.8	0.00	0.00	0.00
7,700.0	4.75	70.43	7,684.4	127.2	357.7	-73.4	0.00	0.00	0.00
7,800.0	4.75	70.43	7,784.0	130.0	365.5	-75.0	0.00	0.00	0.00
7,900.0	4.75	70.43	7,883.7	132.8	373.3	-76.6	0.00	0.00	0.00
8,000.0	4.75	70.43	7,983.3	135.5	381.1	-78.2	0.00	0.00	0.00
8,100.0	4.75	70.43	8,083.0	138.3	388.9	-79.8	0.00	0.00	0.00
8,200.0	4.75	70.43	8,182.7	141.1	396.8	-81.4	0.00	0.00	0.00
8,300.0	4.75	70.43	8,282.3	143.9	404.6	-83.0	0.00	0.00	0.00
8,400.0	4.75	70.43	8,382.0	146.6	412.4	-84.6	0.00	0.00	0.00
8,500.0	4.75	70.43	8,481.6	149.4	420.2	-86.2	0.00	0.00	0.00
8,600.0	4.75	70.43	8,581.3	152.2	428.0	-87.8	0.00	0.00	0.00
8,700.0	4.75	70.43	8,680.9	155.0	435.8	-89.4	0.00	0.00	0.00
8,800.0	4.75	70.43	8,780.6	157.7	443.6	-91.0	0.00	0.00	0.00
8,900.0	4.75	70.43	8,880.3	160.5	451.4	-92.6	0.00	0.00	0.00
9,000.0	4.75	70.43	8,979.9	163.3	459.2	-94.2	0.00	0.00	0.00
9,100.0	4.75	70.43	9,079.6	166.1	467.0	-95.8	0.00	0.00	0.00
9,200.0	4.75	70.43	9,179.2	168.8	474.8	-97.4	0.00	0.00	0.00
9,300.0	4.75	70.43	9,278.9	171.6	482.6	-99.0	0.00	0.00	0.00
9,400.0	4.75	70.43	9,378.5	174.4	490.5	-100.7	0.00	0.00	0.00
9,500.0	4.75	70.43	9,478.2	177.2	498.3	-102.3	0.00	0.00	0.00
9,600.0	4.75	70.43	9,577.8	180.0	506.1	-103.9	0.00	0.00	0.00
9,700.0	4.75	70.43	9,677.5	182.7	513.9	-105.5	0.00	0.00	0.00
9,800.0	4.75	70.43	9,777.2	185.5	521.7	-107.1	0.00	0.00	0.00
9,900.0	4.75	70.43	9,876.8	188.3	529.5	-108.7	0.00	0.00	0.00
10,000.0	4.75	70.43	9,976.5	191.1	537.3	-110.3	0.00	0.00	0.00
10,100.0	4.75	70.43	10,076.1	193.8	545.1	-111.9	0.00	0.00	0.00
10,200.0	4.75	70.43	10,175.8	196.6	552.9	-113.5	0.00	0.00	0.00
10,300.0	4.75	70.43	10,275.4	199.4	560.7	-115.1	0.00	0.00	0.00
10,400.0	4.75	70.43	10,375.1	202.2	568.5	-116.7	0.00	0.00	0.00
10,500.0	4.75	70.43	10,474.7	204.9	576.3	-118.3	0.00	0.00	0.00
10,600.0	4.75	70.43	10,574.4	207.7	584.2	-119.9	0.00	0.00	0.00



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10,700.0	4.75	70.43	10,674.1	210.5	592.0	-121.5	0.00	0.00	0.00
10,800.0	4.75	70.43	10,773.7	213.3	599.8	-123.1	0.00	0.00	0.00
10,900.0	4.75	70.43	10,873.4	216.0	607.6	-124.7	0.00	0.00	0.00
11,000.0	4.75	70.43	10,973.0	218.8	615.4	-126.3	0.00	0.00	0.00
11,100.0	4.75	70.43	11,072.7	221.6	623.2	-127.9	0.00	0.00	0.00
11,200.0	4.75	70.43	11,172.3	224.4	631.0	-129.5	0.00	0.00	0.00
11,300.0	4.75	70.43	11,272.0	227.2	638.8	-131.1	0.00	0.00	0.00
11,400.0	4.75	70.43	11,371.7	229.9	646.6	-132.7	0.00	0.00	0.00
11,500.0	4.75	70.43	11,471.3	232.7	654.4	-134.3	0.00	0.00	0.00
11,600.0	4.75	70.43	11,571.0	235.5	662.2	-135.9	0.00	0.00	0.00
11,700.0	4.75	70.43	11,670.6	238.3	670.0	-137.5	0.00	0.00	0.00
11,800.0	4.75	70.43	11,770.3	241.0	677.8	-139.1	0.00	0.00	0.00
11,823.9	4.75	70.43	11,794.1	241.7	679.7	-139.5	0.00	0.00	0.00
11,900.0	3.23	70.43	11,870.0	243.5	684.7	-140.5	2.00	-2.00	0.00
12,000.0	1.23	70.43	11,969.9	244.8	688.4	-141.3	2.00	-2.00	0.00
12,061.6	0.00	0.00	12,031.5	245.0	689.0	-141.4	2.00	-2.00	0.00
12,075.0	1.61	179.62	12,044.9	244.8	689.0	-141.2	12.00	12.00	0.00
12,100.0	4.61	179.62	12,069.9	243.5	689.0	-139.9	12.00	12.00	0.00
12,125.0	7.61	179.62	12,094.7	240.8	689.0	-137.2	12.00	12.00	0.00
12,150.0	10.61	179.62	12,119.4	236.8	689.1	-133.3	12.00	12.00	0.00
12,175.0	13.61	179.62	12,143.9	231.6	689.1	-128.1	12.00	12.00	0.00
12,200.0	16.61	179.62	12,168.0	225.1	689.1	-121.7	12.00	12.00	0.00
12,225.0	19.61	179.62	12,191.7	217.3	689.2	-114.0	12.00	12.00	0.00
12,250.0	22.61	179.62	12,215.1	208.3	689.2	-105.1	12.00	12.00	0.00
12,275.0	25.61	179.62	12,237.9	198.1	689.3	-95.0	12.00	12.00	0.00
12,300.0	28.61	179.62	12,260.1	186.7	689.4	-83.7	12.00	12.00	0.00
12,325.0	31.61	179.62	12,281.8	174.2	689.5	-71.3	12.00	12.00	0.00
12,350.0	34.61	179.62	12,302.7	160.5	689.6	-57.7	12.00	12.00	0.00
12,375.0	37.61	179.62	12,322.9	145.8	689.7	-43.1	12.00	12.00	0.00
12,400.0	40.61	179.62	12,342.3	130.0	689.8	-27.5	12.00	12.00	0.00
12,425.0	43.61	179.62	12,360.8	113.2	689.9	-10.9	12.00	12.00	0.00
12,450.0	46.61	179.62	12,378.5	95.5	690.0	6.6	12.00	12.00	0.00
12,475.0	49.61	179.62	12,395.2	76.9	690.1	25.0	12.00	12.00	0.00
12,500.0	52.61	179.62	12,410.9	57.5	690.2	44.3	12.00	12.00	0.00
12,525.0	55.61	179.62	12,425.5	37.2	690.4	64.3	12.00	12.00	0.00
12,550.0	58.61	179.62	12,439.1	16.2	690.5	85.1	12.00	12.00	0.00
12,575.0	61.61	179.62	12,451.5	-5.4	690.7	106.6	12.00	12.00	0.00
12,600.0	64.61	179.62	12,462.8	-27.7	690.8	128.7	12.00	12.00	0.00
12,625.0	67.61	179.62	12,473.0	-50.6	691.0	151.3	12.00	12.00	0.00
12,650.0	70.61	179.62	12,481.9	-73.9	691.1	174.4	12.00	12.00	0.00
12,675.0	73.61	179.62	12,489.6	-97.7	691.3	198.0	12.00	12.00	0.00
12,700.0	76.61	179.62	12,496.0	-121.9	691.4	221.9	12.00	12.00	0.00
12,725.0	79.61	179.62	12,501.1	-146.4	691.6	246.1	12.00	12.00	0.00
12,750.0	82.61	179.62	12,505.0	-171.0	691.8	270.6	12.00	12.00	0.00
12,775.0	85.61	179.62	12,507.6	-195.9	691.9	295.2	12.00	12.00	0.00
12,800.0	88.61	179.62	12,508.8	-220.9	692.1	319.9	12.00	12.00	0.00
12,811.6	90.00	179.62	12,509.0	-232.5	692.2	331.4	12.00	12.00	0.00
12,900.0	90.00	179.62	12,509.0	-320.9	692.8	418.9	0.00	0.00	0.00
13,000.0	90.00	179.62	12,509.0	-420.9	693.4	517.9	0.00	0.00	0.00
13,100.0	90.00	179.62	12,509.0	-520.9	694.1	616.9	0.00	0.00	0.00
13,200.0	90.00	179.62	12,509.0	-620.9	694.7	716.0	0.00	0.00	0.00
13,300.0	90.00	179.62	12,509.0	-720.9	695.4	815.0	0.00	0.00	0.00
13,400.0	90.00	179.62	12,509.0	-820.9	696.1	914.0	0.00	0.00	0.00
13,500.0	90.00	179.62	12,509.0	-920.9	696.7	1,013.0	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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3502.0usft
MD Reference: KB = 25' @ 3502.0usft
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)
13,600.0	90.00	179.62	12,509.0	-1,020.9	697.4	1,112.0	0.00	0.00	0.00
13,700.0	90.00	179.62	12,509.0	-1,120.9	698.1	1,211.0	0.00	0.00	0.00
13,800.0	90.00	179.62	12,509.0	-1,220.9	698.7	1,310.1	0.00	0.00	0.00
13,900.0	90.00	179.62	12,509.0	-1,320.9	699.4	1,409.1	0.00	0.00	0.00
14,000.0	90.00	179.62	12,509.0	-1,420.8	700.0	1,508.1	0.00	0.00	0.00
14,100.0	90.00	179.62	12,509.0	-1,520.8	700.7	1,607.1	0.00	0.00	0.00
14,200.0	90.00	179.62	12,509.0	-1,620.8	701.4	1,706.1	0.00	0.00	0.00
14,300.0	90.00	179.62	12,509.0	-1,720.8	702.0	1,805.1	0.00	0.00	0.00
14,400.0	90.00	179.62	12,509.0	-1,820.8	702.7	1,904.2	0.00	0.00	0.00
14,500.0	90.00	179.62	12,509.0	-1,920.8	703.4	2,003.2	0.00	0.00	0.00
14,600.0	90.00	179.62	12,509.0	-2,020.8	704.0	2,102.2	0.00	0.00	0.00
14,700.0	90.00	179.62	12,509.0	-2,120.8	704.7	2,201.2	0.00	0.00	0.00
14,800.0	90.00	179.62	12,509.0	-2,220.8	705.4	2,300.2	0.00	0.00	0.00
14,900.0	90.00	179.62	12,509.0	-2,320.8	706.0	2,399.2	0.00	0.00	0.00
15,000.0	90.00	179.62	12,509.0	-2,420.8	706.7	2,498.2	0.00	0.00	0.00
15,100.0	90.00	179.62	12,509.0	-2,520.8	707.3	2,597.3	0.00	0.00	0.00
15,200.0	90.00	179.62	12,509.0	-2,620.8	708.0	2,696.3	0.00	0.00	0.00
15,300.0	90.00	179.62	12,509.0	-2,720.8	708.7	2,795.3	0.00	0.00	0.00
15,400.0	90.00	179.62	12,509.0	-2,820.8	709.3	2,894.3	0.00	0.00	0.00
15,500.0	90.00	179.62	12,509.0	-2,920.8	710.0	2,993.3	0.00	0.00	0.00
15,600.0	90.00	179.62	12,509.0	-3,020.8	710.7	3,092.3	0.00	0.00	0.00
15,700.0	90.00	179.62	12,509.0	-3,120.8	711.3	3,191.4	0.00	0.00	0.00
15,800.0	90.00	179.62	12,509.0	-3,220.8	712.0	3,290.4	0.00	0.00	0.00
15,900.0	90.00	179.62	12,509.0	-3,320.8	712.7	3,389.4	0.00	0.00	0.00
16,000.0	90.00	179.62	12,509.0	-3,420.8	713.3	3,488.4	0.00	0.00	0.00
16,100.0	90.00	179.62	12,509.0	-3,520.8	714.0	3,587.4	0.00	0.00	0.00
16,200.0	90.00	179.62	12,509.0	-3,620.8	714.6	3,686.4	0.00	0.00	0.00
16,300.0	90.00	179.62	12,509.0	-3,720.8	715.3	3,785.4	0.00	0.00	0.00
16,400.0	90.00	179.62	12,509.0	-3,820.8	716.0	3,884.5	0.00	0.00	0.00
16,500.0	90.00	179.62	12,509.0	-3,920.8	716.6	3,983.5	0.00	0.00	0.00
16,600.0	90.00	179.62	12,509.0	-4,020.8	717.3	4,082.5	0.00	0.00	0.00
16,700.0	90.00	179.62	12,509.0	-4,120.8	718.0	4,181.5	0.00	0.00	0.00
16,800.0	90.00	179.62	12,509.0	-4,220.8	718.6	4,280.5	0.00	0.00	0.00
16,900.0	90.00	179.62	12,509.0	-4,320.8	719.3	4,379.5	0.00	0.00	0.00
17,000.0	90.00	179.62	12,509.0	-4,420.8	719.9	4,478.6	0.00	0.00	0.00
17,100.0	90.00	179.62	12,509.0	-4,520.8	720.6	4,577.6	0.00	0.00	0.00
17,200.0	90.00	179.62	12,509.0	-4,620.8	721.3	4,676.6	0.00	0.00	0.00
17,300.0	90.00	179.62	12,509.0	-4,720.8	721.9	4,775.6	0.00	0.00	0.00
17,400.0	90.00	179.62	12,509.0	-4,820.8	722.6	4,874.6	0.00	0.00	0.00
17,460.2	90.00	179.62	12,509.0	-4,881.0	723.0	4,934.3	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #702H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3502.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3502.0usft
Site:	Durango 2 State	North Reference:	Grid
Well:	#702H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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 #1 - plan hits target center - Point	0.00	0.00	12,031.5	245.0	689.0	425,263.00	784,204.00	32° 10' 0.089 N	103° 32' 54.421 W
PBHL(Durango 2 State #1 - plan hits target center - Point	0.00	0.00	12,509.0	-4,881.0	723.0	420,137.00	784,238.00	32° 9' 9.364 N	103° 32' 54.460 W
FTP(Durango 2 State #7 - plan misses target center by 163.4usft at 12463.1usft MD (12387.3 TVD, 85.9 N, 690.1 E) - Point	0.00	0.00	12,509.0	195.0	689.0	425,213.00	784,204.00	32° 9' 59.594 N	103° 32' 54.425 W