



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Durango 2 State

#708H

OH

Plan: Plan #0.1

Standard Planning Report

20 June, 2019



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Durango 2 State
Well: #708H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #708H
TVD Reference: KB = 25 @ 3522.0usft
MD Reference: KB = 25 @ 3522.0usft
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	#708H				
Well Position	+N/-S	-109.0 usft	Northing:	424,942.00 usft	Latitude: 32° 9' 56.723 N
	+E/-W	3,303.0 usft	Easting:	786,818.00 usft	Longitude: 103° 32' 24.039 W
Position Uncertainty	0.0 usft		Wellhead Elevation:		Ground Level: 3,497.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	6/20/2019	6.72	59.99	47,699.91030685

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	163.94	

Plan Survey Tool Program	Date 6/20/2019				
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	17,590.6 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	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,088.2	13.76	75.57	2,081.6	20.5	79.7	2.00	2.00	0.00	75.57	
7,251.3	13.76	75.57	7,096.4	326.5	1,269.3	0.00	0.00	0.00	0.00	
7,939.5	0.00	0.00	7,778.0	347.0	1,349.0	2.00	-2.00	0.00	180.00	
12,192.0	0.00	0.00	12,030.5	347.0	1,349.0	0.00	0.00	0.00	0.00	KOP(Durango 2 State
12,942.0	90.00	179.70	12,508.0	-130.5	1,351.5	12.00	12.00	23.96	179.70	
17,590.6	90.00	179.70	12,508.0	-4,779.0	1,376.0	0.00	0.00	0.00	0.00	PBHL(Durango 2 Stat



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Local Co-ordinate Reference: Well #708H
 TVD Reference: KB = 25 @ 3522.0usft
 MD Reference: KB = 25 @ 3522.0usft
 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	2.00	75.57	1,500.0	0.4	1.7	0.0	2.00	2.00	0.00
1,600.0	4.00	75.57	1,599.8	1.7	6.8	0.2	2.00	2.00	0.00
1,700.0	6.00	75.57	1,699.5	3.9	15.2	0.4	2.00	2.00	0.00
1,800.0	8.00	75.57	1,798.7	6.9	27.0	0.8	2.00	2.00	0.00
1,900.0	10.00	75.57	1,897.5	10.8	42.2	1.2	2.00	2.00	0.00
2,000.0	12.00	75.57	1,995.6	15.6	60.6	1.8	2.00	2.00	0.00
2,088.2	13.76	75.57	2,081.6	20.5	79.7	2.4	2.00	2.00	0.00
2,100.0	13.76	75.57	2,093.1	21.2	82.4	2.4	0.00	0.00	0.00
2,200.0	13.76	75.57	2,190.2	27.1	105.4	3.1	0.00	0.00	0.00
2,300.0	13.76	75.57	2,287.3	33.0	128.5	3.8	0.00	0.00	0.00
2,400.0	13.76	75.57	2,384.4	39.0	151.5	4.5	0.00	0.00	0.00
2,500.0	13.76	75.57	2,481.6	44.9	174.6	5.1	0.00	0.00	0.00
2,600.0	13.76	75.57	2,578.7	50.8	197.6	5.8	0.00	0.00	0.00
2,700.0	13.76	75.57	2,675.8	56.8	220.6	6.5	0.00	0.00	0.00
2,800.0	13.76	75.57	2,773.0	62.7	243.7	7.2	0.00	0.00	0.00
2,900.0	13.76	75.57	2,870.1	68.6	266.7	7.9	0.00	0.00	0.00
3,000.0	13.76	75.57	2,967.2	74.5	289.8	8.5	0.00	0.00	0.00
3,100.0	13.76	75.57	3,064.3	80.5	312.8	9.2	0.00	0.00	0.00
3,200.0	13.76	75.57	3,161.5	86.4	335.8	9.9	0.00	0.00	0.00
3,300.0	13.76	75.57	3,258.6	92.3	358.9	10.6	0.00	0.00	0.00
3,400.0	13.76	75.57	3,355.7	98.2	381.9	11.3	0.00	0.00	0.00
3,500.0	13.76	75.57	3,452.9	104.2	405.0	11.9	0.00	0.00	0.00
3,600.0	13.76	75.57	3,550.0	110.1	428.0	12.6	0.00	0.00	0.00
3,700.0	13.76	75.57	3,647.1	116.0	451.1	13.3	0.00	0.00	0.00
3,800.0	13.76	75.57	3,744.2	122.0	474.1	14.0	0.00	0.00	0.00
3,900.0	13.76	75.57	3,841.4	127.9	497.1	14.7	0.00	0.00	0.00
4,000.0	13.76	75.57	3,938.5	133.8	520.2	15.3	0.00	0.00	0.00
4,100.0	13.76	75.57	4,035.6	139.7	543.2	16.0	0.00	0.00	0.00
4,200.0	13.76	75.57	4,132.8	145.7	566.3	16.7	0.00	0.00	0.00
4,300.0	13.76	75.57	4,229.9	151.6	589.3	17.4	0.00	0.00	0.00
4,400.0	13.76	75.57	4,327.0	157.5	612.4	18.1	0.00	0.00	0.00
4,500.0	13.76	75.57	4,424.1	163.4	635.4	18.7	0.00	0.00	0.00
4,600.0	13.76	75.57	4,521.3	169.4	658.4	19.4	0.00	0.00	0.00
4,700.0	13.76	75.57	4,618.4	175.3	681.5	20.1	0.00	0.00	0.00
4,800.0	13.76	75.57	4,715.5	181.2	704.5	20.8	0.00	0.00	0.00
4,900.0	13.76	75.57	4,812.7	187.1	727.6	21.5	0.00	0.00	0.00
5,000.0	13.76	75.57	4,909.8	193.1	750.6	22.1	0.00	0.00	0.00
5,100.0	13.76	75.57	5,006.9	199.0	773.6	22.8	0.00	0.00	0.00
5,200.0	13.76	75.57	5,104.0	204.9	796.7	23.5	0.00	0.00	0.00



Planning Report

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Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3522.0usft
Site:	Durango 2 State	North Reference:	Grid
Well:	#708H	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)
5,300.0	13.76	75.57	5,201.2	210.9	819.7	24.2	0.00	0.00	0.00
5,400.0	13.76	75.57	5,298.3	216.8	842.8	24.9	0.00	0.00	0.00
5,500.0	13.76	75.57	5,395.4	222.7	865.8	25.5	0.00	0.00	0.00
5,600.0	13.76	75.57	5,492.6	228.6	888.9	26.2	0.00	0.00	0.00
5,700.0	13.76	75.57	5,589.7	234.6	911.9	26.9	0.00	0.00	0.00
5,800.0	13.76	75.57	5,686.8	240.5	934.9	27.6	0.00	0.00	0.00
5,900.0	13.76	75.57	5,783.9	246.4	958.0	28.3	0.00	0.00	0.00
6,000.0	13.76	75.57	5,881.1	252.3	981.0	28.9	0.00	0.00	0.00
6,100.0	13.76	75.57	5,978.2	258.3	1,004.1	29.6	0.00	0.00	0.00
6,200.0	13.76	75.57	6,075.3	264.2	1,027.1	30.3	0.00	0.00	0.00
6,300.0	13.76	75.57	6,172.5	270.1	1,050.1	31.0	0.00	0.00	0.00
6,400.0	13.76	75.57	6,269.6	276.1	1,073.2	31.7	0.00	0.00	0.00
6,500.0	13.76	75.57	6,366.7	282.0	1,096.2	32.3	0.00	0.00	0.00
6,600.0	13.76	75.57	6,463.8	287.9	1,119.3	33.0	0.00	0.00	0.00
6,700.0	13.76	75.57	6,561.0	293.8	1,142.3	33.7	0.00	0.00	0.00
6,800.0	13.76	75.57	6,658.1	299.8	1,165.4	34.4	0.00	0.00	0.00
6,900.0	13.76	75.57	6,755.2	305.7	1,188.4	35.1	0.00	0.00	0.00
7,000.0	13.76	75.57	6,852.4	311.6	1,211.4	35.7	0.00	0.00	0.00
7,100.0	13.76	75.57	6,949.5	317.5	1,234.5	36.4	0.00	0.00	0.00
7,200.0	13.76	75.57	7,046.6	323.5	1,257.5	37.1	0.00	0.00	0.00
7,251.3	13.76	75.57	7,096.4	326.5	1,269.3	37.4	0.00	0.00	0.00
7,300.0	12.79	75.57	7,143.8	329.3	1,280.2	37.8	2.00	-2.00	0.00
7,400.0	10.79	75.57	7,241.7	334.4	1,300.0	38.3	2.00	-2.00	0.00
7,500.0	8.79	75.57	7,340.3	338.6	1,316.4	38.8	2.00	-2.00	0.00
7,600.0	6.79	75.57	7,439.3	342.0	1,329.5	39.2	2.00	-2.00	0.00
7,700.0	4.79	75.57	7,538.8	344.5	1,339.3	39.5	2.00	-2.00	0.00
7,800.0	2.79	75.57	7,638.6	346.2	1,345.7	39.7	2.00	-2.00	0.00
7,900.0	0.79	75.57	7,738.5	346.9	1,348.7	39.8	2.00	-2.00	0.00
7,939.5	0.00	0.00	7,778.0	347.0	1,349.0	39.8	2.00	-2.00	0.00
8,000.0	0.00	0.00	7,838.5	347.0	1,349.0	39.8	0.00	0.00	0.00
8,100.0	0.00	0.00	7,938.5	347.0	1,349.0	39.8	0.00	0.00	0.00
8,200.0	0.00	0.00	8,038.5	347.0	1,349.0	39.8	0.00	0.00	0.00
8,300.0	0.00	0.00	8,138.5	347.0	1,349.0	39.8	0.00	0.00	0.00
8,400.0	0.00	0.00	8,238.5	347.0	1,349.0	39.8	0.00	0.00	0.00
8,500.0	0.00	0.00	8,338.5	347.0	1,349.0	39.8	0.00	0.00	0.00
8,600.0	0.00	0.00	8,438.5	347.0	1,349.0	39.8	0.00	0.00	0.00
8,700.0	0.00	0.00	8,538.5	347.0	1,349.0	39.8	0.00	0.00	0.00
8,800.0	0.00	0.00	8,638.5	347.0	1,349.0	39.8	0.00	0.00	0.00
8,900.0	0.00	0.00	8,738.5	347.0	1,349.0	39.8	0.00	0.00	0.00
9,000.0	0.00	0.00	8,838.5	347.0	1,349.0	39.8	0.00	0.00	0.00
9,100.0	0.00	0.00	8,938.5	347.0	1,349.0	39.8	0.00	0.00	0.00
9,200.0	0.00	0.00	9,038.5	347.0	1,349.0	39.8	0.00	0.00	0.00
9,300.0	0.00	0.00	9,138.5	347.0	1,349.0	39.8	0.00	0.00	0.00
9,400.0	0.00	0.00	9,238.5	347.0	1,349.0	39.8	0.00	0.00	0.00
9,500.0	0.00	0.00	9,338.5	347.0	1,349.0	39.8	0.00	0.00	0.00
9,600.0	0.00	0.00	9,438.5	347.0	1,349.0	39.8	0.00	0.00	0.00
9,700.0	0.00	0.00	9,538.5	347.0	1,349.0	39.8	0.00	0.00	0.00
9,800.0	0.00	0.00	9,638.5	347.0	1,349.0	39.8	0.00	0.00	0.00
9,900.0	0.00	0.00	9,738.5	347.0	1,349.0	39.8	0.00	0.00	0.00
10,000.0	0.00	0.00	9,838.5	347.0	1,349.0	39.8	0.00	0.00	0.00
10,100.0	0.00	0.00	9,938.5	347.0	1,349.0	39.8	0.00	0.00	0.00
10,200.0	0.00	0.00	10,038.5	347.0	1,349.0	39.8	0.00	0.00	0.00
10,300.0	0.00	0.00	10,138.5	347.0	1,349.0	39.8	0.00	0.00	0.00
10,400.0	0.00	0.00	10,238.5	347.0	1,349.0	39.8	0.00	0.00	0.00



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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	10,338.5	347.0	1,349.0	39.8	0.00	0.00	0.00
10,600.0	0.00	0.00	10,438.5	347.0	1,349.0	39.8	0.00	0.00	0.00
10,700.0	0.00	0.00	10,538.5	347.0	1,349.0	39.8	0.00	0.00	0.00
10,800.0	0.00	0.00	10,638.5	347.0	1,349.0	39.8	0.00	0.00	0.00
10,900.0	0.00	0.00	10,738.5	347.0	1,349.0	39.8	0.00	0.00	0.00
11,000.0	0.00	0.00	10,838.5	347.0	1,349.0	39.8	0.00	0.00	0.00
11,100.0	0.00	0.00	10,938.5	347.0	1,349.0	39.8	0.00	0.00	0.00
11,200.0	0.00	0.00	11,038.5	347.0	1,349.0	39.8	0.00	0.00	0.00
11,300.0	0.00	0.00	11,138.5	347.0	1,349.0	39.8	0.00	0.00	0.00
11,400.0	0.00	0.00	11,238.5	347.0	1,349.0	39.8	0.00	0.00	0.00
11,500.0	0.00	0.00	11,338.5	347.0	1,349.0	39.8	0.00	0.00	0.00
11,600.0	0.00	0.00	11,438.5	347.0	1,349.0	39.8	0.00	0.00	0.00
11,700.0	0.00	0.00	11,538.5	347.0	1,349.0	39.8	0.00	0.00	0.00
11,800.0	0.00	0.00	11,638.5	347.0	1,349.0	39.8	0.00	0.00	0.00
11,900.0	0.00	0.00	11,738.5	347.0	1,349.0	39.8	0.00	0.00	0.00
12,000.0	0.00	0.00	11,838.5	347.0	1,349.0	39.8	0.00	0.00	0.00
12,100.0	0.00	0.00	11,938.5	347.0	1,349.0	39.8	0.00	0.00	0.00
12,192.0	0.00	0.00	12,030.5	347.0	1,349.0	39.8	0.00	0.00	0.00
KOP(Durango 2 State #708H)									
12,200.0	0.97	179.70	12,038.5	346.9	1,349.0	39.9	12.00	12.00	0.00
12,225.0	3.97	179.70	12,063.5	345.9	1,349.0	40.9	12.00	12.00	0.00
12,250.0	6.97	179.70	12,088.4	343.5	1,349.0	43.2	12.00	12.00	0.00
12,275.0	9.97	179.70	12,113.1	339.8	1,349.0	46.7	12.00	12.00	0.00
12,300.0	12.97	179.70	12,137.6	334.8	1,349.1	51.5	12.00	12.00	0.00
12,325.0	15.97	179.70	12,161.8	328.6	1,349.1	57.5	12.00	12.00	0.00
12,350.0	18.97	179.70	12,185.7	321.1	1,349.1	64.7	12.00	12.00	0.00
12,375.0	21.97	179.70	12,209.1	312.3	1,349.2	73.2	12.00	12.00	0.00
12,400.0	24.97	179.70	12,232.0	302.4	1,349.2	82.7	12.00	12.00	0.00
12,425.0	27.97	179.70	12,254.4	291.2	1,349.3	93.5	12.00	12.00	0.00
12,450.0	30.97	179.70	12,276.2	279.0	1,349.4	105.3	12.00	12.00	0.00
12,475.0	33.97	179.70	12,297.3	265.5	1,349.4	118.2	12.00	12.00	0.00
12,500.0	36.97	179.70	12,317.6	251.0	1,349.5	132.2	12.00	12.00	0.00
12,525.0	39.97	179.70	12,337.2	235.5	1,349.6	147.1	12.00	12.00	0.00
12,550.0	42.97	179.70	12,355.9	218.9	1,349.7	163.1	12.00	12.00	0.00
12,575.0	45.97	179.70	12,373.8	201.4	1,349.8	179.9	12.00	12.00	0.00
12,595.3	48.40	179.70	12,387.6	186.5	1,349.8	194.3	12.00	12.00	0.00
FTP(Durango 2 State #708H)									
12,600.0	48.97	179.70	12,390.7	183.0	1,349.9	197.6	12.00	12.00	0.00
12,625.0	51.97	179.70	12,406.6	163.7	1,350.0	216.2	12.00	12.00	0.00
12,650.0	54.97	179.70	12,421.5	143.8	1,350.1	235.5	12.00	12.00	0.00
12,675.0	57.97	179.70	12,435.3	122.8	1,350.2	255.6	12.00	12.00	0.00
12,700.0	60.97	179.70	12,448.0	101.3	1,350.3	276.3	12.00	12.00	0.00
12,725.0	63.97	179.70	12,459.5	79.1	1,350.4	297.6	12.00	12.00	0.00
12,750.0	66.97	179.70	12,469.9	56.4	1,350.5	319.5	12.00	12.00	0.00
12,775.0	69.97	179.70	12,479.1	33.1	1,350.7	341.9	12.00	12.00	0.00
12,800.0	72.97	179.70	12,487.0	9.4	1,350.8	364.7	12.00	12.00	0.00
12,825.0	75.97	179.70	12,493.7	-14.7	1,350.9	387.9	12.00	12.00	0.00
12,850.0	78.97	179.70	12,499.1	-39.1	1,351.0	411.4	12.00	12.00	0.00
12,875.0	81.97	179.70	12,503.3	-63.7	1,351.2	435.1	12.00	12.00	0.00
12,900.0	84.97	179.70	12,506.1	-88.6	1,351.3	459.0	12.00	12.00	0.00
12,925.0	87.97	179.70	12,507.7	-113.5	1,351.4	483.0	12.00	12.00	0.00
12,942.0	90.00	179.70	12,508.0	-130.5	1,351.5	499.3	12.00	12.00	0.00
13,000.0	90.00	179.70	12,508.0	-188.5	1,351.8	555.2	0.00	0.00	0.00
13,100.0	90.00	179.70	12,508.0	-288.5	1,352.3	651.4	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: #708H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #708H
TVD Reference: KB = 25 @ 3522.0usft
MD Reference: KB = 25 @ 3522.0usft
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	179.70	12,508.0	-388.5	1,352.9	747.7	0.00	0.00	0.00
13,300.0	90.00	179.70	12,508.0	-488.5	1,353.4	843.9	0.00	0.00	0.00
13,400.0	90.00	179.70	12,508.0	-588.5	1,353.9	940.1	0.00	0.00	0.00
13,500.0	90.00	179.70	12,508.0	-688.5	1,354.5	1,036.4	0.00	0.00	0.00
13,600.0	90.00	179.70	12,508.0	-788.5	1,355.0	1,132.6	0.00	0.00	0.00
13,700.0	90.00	179.70	12,508.0	-888.5	1,355.5	1,228.9	0.00	0.00	0.00
13,800.0	90.00	179.70	12,508.0	-988.5	1,356.0	1,325.1	0.00	0.00	0.00
13,900.0	90.00	179.70	12,508.0	-1,088.5	1,356.6	1,421.3	0.00	0.00	0.00
14,000.0	90.00	179.70	12,508.0	-1,188.5	1,357.1	1,517.6	0.00	0.00	0.00
14,100.0	90.00	179.70	12,508.0	-1,288.5	1,357.6	1,613.8	0.00	0.00	0.00
14,200.0	90.00	179.70	12,508.0	-1,388.5	1,358.1	1,710.1	0.00	0.00	0.00
14,300.0	90.00	179.70	12,508.0	-1,488.5	1,358.7	1,806.3	0.00	0.00	0.00
14,400.0	90.00	179.70	12,508.0	-1,588.5	1,359.2	1,902.5	0.00	0.00	0.00
14,500.0	90.00	179.70	12,508.0	-1,688.5	1,359.7	1,998.8	0.00	0.00	0.00
14,600.0	90.00	179.70	12,508.0	-1,788.5	1,360.2	2,095.0	0.00	0.00	0.00
14,700.0	90.00	179.70	12,508.0	-1,888.5	1,360.8	2,191.3	0.00	0.00	0.00
14,800.0	90.00	179.70	12,508.0	-1,988.5	1,361.3	2,287.5	0.00	0.00	0.00
14,900.0	90.00	179.70	12,508.0	-2,088.5	1,361.8	2,383.7	0.00	0.00	0.00
15,000.0	90.00	179.70	12,508.0	-2,188.5	1,362.4	2,480.0	0.00	0.00	0.00
15,100.0	90.00	179.70	12,508.0	-2,288.5	1,362.9	2,576.2	0.00	0.00	0.00
15,200.0	90.00	179.70	12,508.0	-2,388.5	1,363.4	2,672.5	0.00	0.00	0.00
15,300.0	90.00	179.70	12,508.0	-2,488.5	1,363.9	2,768.7	0.00	0.00	0.00
15,400.0	90.00	179.70	12,508.0	-2,588.5	1,364.5	2,864.9	0.00	0.00	0.00
15,500.0	90.00	179.70	12,508.0	-2,688.5	1,365.0	2,961.2	0.00	0.00	0.00
15,600.0	90.00	179.70	12,508.0	-2,788.5	1,365.5	3,057.4	0.00	0.00	0.00
15,700.0	90.00	179.70	12,508.0	-2,888.5	1,366.0	3,153.7	0.00	0.00	0.00
15,800.0	90.00	179.70	12,508.0	-2,988.5	1,366.6	3,249.9	0.00	0.00	0.00
15,900.0	90.00	179.70	12,508.0	-3,088.5	1,367.1	3,346.1	0.00	0.00	0.00
16,000.0	90.00	179.70	12,508.0	-3,188.5	1,367.6	3,442.4	0.00	0.00	0.00
16,100.0	90.00	179.70	12,508.0	-3,288.5	1,368.1	3,538.6	0.00	0.00	0.00
16,200.0	90.00	179.70	12,508.0	-3,388.5	1,368.7	3,634.9	0.00	0.00	0.00
16,300.0	90.00	179.70	12,508.0	-3,488.5	1,369.2	3,731.1	0.00	0.00	0.00
16,400.0	90.00	179.70	12,508.0	-3,588.5	1,369.7	3,827.3	0.00	0.00	0.00
16,500.0	90.00	179.70	12,508.0	-3,688.5	1,370.3	3,923.6	0.00	0.00	0.00
16,600.0	90.00	179.70	12,508.0	-3,788.5	1,370.8	4,019.8	0.00	0.00	0.00
16,700.0	90.00	179.70	12,508.0	-3,888.4	1,371.3	4,116.1	0.00	0.00	0.00
16,800.0	90.00	179.70	12,508.0	-3,988.4	1,371.8	4,212.3	0.00	0.00	0.00
16,900.0	90.00	179.70	12,508.0	-4,088.4	1,372.4	4,308.5	0.00	0.00	0.00
17,000.0	90.00	179.70	12,508.0	-4,188.4	1,372.9	4,404.8	0.00	0.00	0.00
17,100.0	90.00	179.70	12,508.0	-4,288.4	1,373.4	4,501.0	0.00	0.00	0.00
17,200.0	90.00	179.70	12,508.0	-4,388.4	1,373.9	4,597.3	0.00	0.00	0.00
17,300.0	90.00	179.70	12,508.0	-4,488.4	1,374.5	4,693.5	0.00	0.00	0.00
17,400.0	90.00	179.70	12,508.0	-4,588.4	1,375.0	4,789.8	0.00	0.00	0.00
17,500.0	90.00	179.70	12,508.0	-4,688.4	1,375.5	4,886.0	0.00	0.00	0.00
17,590.6	90.00	179.70	12,508.0	-4,779.0	1,376.0	4,973.1	0.00	0.00	0.00

PBHL(Durango 2 State #708H)



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #708H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3522.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3522.0usft
Site:	Durango 2 State	North Reference:	Grid
Well:	#708H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP(Durango 2 State #: - plan hits target center - Point	0.00	0.00	12,030.5	347.0	1,349.0	425,289.00	788,167.00	32° 10' 0.058 N	103° 32' 8.316 W
PBHL(Durango 2 State #: - plan hits target center - Point	0.00	0.00	12,508.0	-4,779.0	1,376.0	420,163.00	788,194.00	32° 9' 9.333 N	103° 32' 8.444 W
FTP(Durango 2 State #7 - plan misses target center by 163.4usft at 12595.3usft MD (12387.6 TVD, 186.5 N, 1349.8 E) - Point	0.00	0.00	12,508.0	297.0	1,349.0	425,239.00	788,167.00	32° 9' 59.563 N	103° 32' 8.320 W