

EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Durango 2 State

#706H

OH

Plan: Plan #0.1

Standard Planning Report

20 June, 2019

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #706H
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:	#706H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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
From:	Map	Easting:	783,515.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 9' 58.041 N
		Longitude:	103° 33' 2.454 W
		Grid Convergence:	0.42 °

Well	#706H		
Well Position	+N/-S	-76.0 usft	Northing:
	+E/-W	3,303.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	
		Latitude:	32° 9' 57.050 N
		Longitude:	103° 32' 24.036 W
		Ground Level:	3,497.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2015	6/20/2019	6.72
			Dip Angle
			(°)
			59.99
			Field Strength
			(nT)
			47,699.96404526

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			179.18

Plan Survey Tool Program	Date 6/20/2019		
Depth From	Depth To		
(usft)	(usft)	Survey (Wellbore)	Tool Name
1	0.0	17,443.7 Plan #0.1 (OH)	MWD
			OWSG MWD - Standard
			Remarks

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
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	
1,541.4	2.83	7.26	1,541.4	3.5	0.4	2.00	2.00	0.00	7.26	
7,651.1	2.83	7.26	7,643.6	302.5	38.6	0.00	0.00	0.00	0.00	
7,792.6	0.00	0.00	7,785.0	306.0	39.0	2.00	-2.00	0.00	180.00	
12,045.1	0.00	0.00	12,037.5	306.0	39.0	0.00	0.00	0.00	0.00	KOP(Durango 2 State
12,795.1	90.00	179.66	12,515.0	-171.5	41.8	12.00	12.00	23.96	179.66	
17,443.7	90.00	179.66	12,515.0	-4,820.0	69.0	0.00	0.00	0.00	0.00	PBHL(Durango 2 Stat

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Site:	Durango 2 State	North Reference:	Grid
Well:	#706H	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
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	7.26	1,500.0	1.7	0.2	-1.7	2.00	2.00	0.00
1,541.4	2.83	7.26	1,541.4	3.5	0.4	-3.5	2.00	2.00	0.00
1,600.0	2.83	7.26	1,599.9	6.3	0.8	-6.3	0.00	0.00	0.00
1,700.0	2.83	7.26	1,699.7	11.2	1.4	-11.2	0.00	0.00	0.00
1,800.0	2.83	7.26	1,799.6	16.1	2.1	-16.1	0.00	0.00	0.00
1,900.0	2.83	7.26	1,899.5	21.0	2.7	-21.0	0.00	0.00	0.00
2,000.0	2.83	7.26	1,999.4	25.9	3.3	-25.9	0.00	0.00	0.00
2,100.0	2.83	7.26	2,099.3	30.8	3.9	-30.7	0.00	0.00	0.00
2,200.0	2.83	7.26	2,199.1	35.7	4.5	-35.6	0.00	0.00	0.00
2,300.0	2.83	7.26	2,299.0	40.6	5.2	-40.5	0.00	0.00	0.00
2,400.0	2.83	7.26	2,398.9	45.5	5.8	-45.4	0.00	0.00	0.00
2,500.0	2.83	7.26	2,498.8	50.4	6.4	-50.3	0.00	0.00	0.00
2,600.0	2.83	7.26	2,598.7	55.3	7.0	-55.2	0.00	0.00	0.00
2,700.0	2.83	7.26	2,698.5	60.2	7.7	-60.1	0.00	0.00	0.00
2,800.0	2.83	7.26	2,798.4	65.1	8.3	-64.9	0.00	0.00	0.00
2,900.0	2.83	7.26	2,898.3	70.0	8.9	-69.8	0.00	0.00	0.00
3,000.0	2.83	7.26	2,998.2	74.9	9.5	-74.7	0.00	0.00	0.00
3,100.0	2.83	7.26	3,098.0	79.8	10.2	-79.6	0.00	0.00	0.00
3,200.0	2.83	7.26	3,197.9	84.7	10.8	-84.5	0.00	0.00	0.00
3,300.0	2.83	7.26	3,297.8	89.5	11.4	-89.4	0.00	0.00	0.00
3,400.0	2.83	7.26	3,397.7	94.4	12.0	-94.3	0.00	0.00	0.00
3,500.0	2.83	7.26	3,497.6	99.3	12.7	-99.1	0.00	0.00	0.00
3,600.0	2.83	7.26	3,597.4	104.2	13.3	-104.0	0.00	0.00	0.00
3,700.0	2.83	7.26	3,697.3	109.1	13.9	-108.9	0.00	0.00	0.00
3,800.0	2.83	7.26	3,797.2	114.0	14.5	-113.8	0.00	0.00	0.00
3,900.0	2.83	7.26	3,897.1	118.9	15.2	-118.7	0.00	0.00	0.00
4,000.0	2.83	7.26	3,996.9	123.8	15.8	-123.6	0.00	0.00	0.00
4,100.0	2.83	7.26	4,096.8	128.7	16.4	-128.5	0.00	0.00	0.00
4,200.0	2.83	7.26	4,196.7	133.6	17.0	-133.3	0.00	0.00	0.00
4,300.0	2.83	7.26	4,296.6	138.5	17.7	-138.2	0.00	0.00	0.00
4,400.0	2.83	7.26	4,396.5	143.4	18.3	-143.1	0.00	0.00	0.00
4,500.0	2.83	7.26	4,496.3	148.3	18.9	-148.0	0.00	0.00	0.00
4,600.0	2.83	7.26	4,596.2	153.2	19.5	-152.9	0.00	0.00	0.00
4,700.0	2.83	7.26	4,696.1	158.1	20.1	-157.8	0.00	0.00	0.00
4,800.0	2.83	7.26	4,796.0	163.0	20.8	-162.7	0.00	0.00	0.00
4,900.0	2.83	7.26	4,895.9	167.9	21.4	-167.5	0.00	0.00	0.00
5,000.0	2.83	7.26	4,995.7	172.8	22.0	-172.4	0.00	0.00	0.00
5,100.0	2.83	7.26	5,095.6	177.7	22.6	-177.3	0.00	0.00	0.00
5,200.0	2.83	7.26	5,195.5	182.6	23.3	-182.2	0.00	0.00	0.00

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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)	
5,300.0	2.83	7.26	5,295.4	187.4	23.9	-187.1	0.00	0.00	0.00	
5,400.0	2.83	7.26	5,395.2	192.3	24.5	-192.0	0.00	0.00	0.00	
5,500.0	2.83	7.26	5,495.1	197.2	25.1	-196.9	0.00	0.00	0.00	
5,600.0	2.83	7.26	5,595.0	202.1	25.8	-201.7	0.00	0.00	0.00	
5,700.0	2.83	7.26	5,694.9	207.0	26.4	-206.6	0.00	0.00	0.00	
5,800.0	2.83	7.26	5,794.8	211.9	27.0	-211.5	0.00	0.00	0.00	
5,900.0	2.83	7.26	5,894.6	216.8	27.6	-216.4	0.00	0.00	0.00	
6,000.0	2.83	7.26	5,994.5	221.7	28.3	-221.3	0.00	0.00	0.00	
6,100.0	2.83	7.26	6,094.4	226.6	28.9	-226.2	0.00	0.00	0.00	
6,200.0	2.83	7.26	6,194.3	231.5	29.5	-231.1	0.00	0.00	0.00	
6,300.0	2.83	7.26	6,294.1	236.4	30.1	-235.9	0.00	0.00	0.00	
6,400.0	2.83	7.26	6,394.0	241.3	30.8	-240.8	0.00	0.00	0.00	
6,500.0	2.83	7.26	6,493.9	246.2	31.4	-245.7	0.00	0.00	0.00	
6,600.0	2.83	7.26	6,593.8	251.1	32.0	-250.6	0.00	0.00	0.00	
6,700.0	2.83	7.26	6,693.7	256.0	32.6	-255.5	0.00	0.00	0.00	
6,800.0	2.83	7.26	6,793.5	260.9	33.2	-260.4	0.00	0.00	0.00	
6,900.0	2.83	7.26	6,893.4	265.8	33.9	-265.3	0.00	0.00	0.00	
7,000.0	2.83	7.26	6,993.3	270.7	34.5	-270.1	0.00	0.00	0.00	
7,100.0	2.83	7.26	7,093.2	275.6	35.1	-275.0	0.00	0.00	0.00	
7,200.0	2.83	7.26	7,193.0	280.5	35.7	-279.9	0.00	0.00	0.00	
7,300.0	2.83	7.26	7,292.9	285.3	36.4	-284.8	0.00	0.00	0.00	
7,400.0	2.83	7.26	7,392.8	290.2	37.0	-289.7	0.00	0.00	0.00	
7,500.0	2.83	7.26	7,492.7	295.1	37.6	-294.6	0.00	0.00	0.00	
7,600.0	2.83	7.26	7,592.6	300.0	38.2	-299.5	0.00	0.00	0.00	
7,651.1	2.83	7.26	7,643.6	302.5	38.6	-302.0	0.00	0.00	0.00	
7,700.0	1.85	7.26	7,692.5	304.5	38.8	-303.9	2.00	-2.00	0.00	
7,792.6	0.00	0.00	7,785.0	306.0	39.0	-305.4	2.00	-2.00	0.00	
7,800.0	0.00	0.00	7,792.4	306.0	39.0	-305.4	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,892.4	306.0	39.0	-305.4	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,992.4	306.0	39.0	-305.4	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,092.4	306.0	39.0	-305.4	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,192.4	306.0	39.0	-305.4	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,292.4	306.0	39.0	-305.4	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,392.4	306.0	39.0	-305.4	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,492.4	306.0	39.0	-305.4	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,592.4	306.0	39.0	-305.4	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,692.4	306.0	39.0	-305.4	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,792.4	306.0	39.0	-305.4	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,892.4	306.0	39.0	-305.4	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,992.4	306.0	39.0	-305.4	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,092.4	306.0	39.0	-305.4	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,192.4	306.0	39.0	-305.4	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,292.4	306.0	39.0	-305.4	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,392.4	306.0	39.0	-305.4	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,492.4	306.0	39.0	-305.4	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,592.4	306.0	39.0	-305.4	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,692.4	306.0	39.0	-305.4	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,792.4	306.0	39.0	-305.4	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,892.4	306.0	39.0	-305.4	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,992.4	306.0	39.0	-305.4	0.00	0.00	0.00	
10,100.0	0.00	0.00	10,092.4	306.0	39.0	-305.4	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,192.4	306.0	39.0	-305.4	0.00	0.00	0.00	
10,300.0	0.00	0.00	10,292.4	306.0	39.0	-305.4	0.00	0.00	0.00	
10,400.0	0.00	0.00	10,392.4	306.0	39.0	-305.4	0.00	0.00	0.00	

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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:	#706H	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)
10,500.0	0.00	0.00	10,492.4	306.0	39.0	-305.4	0.00	0.00	0.00
10,600.0	0.00	0.00	10,592.4	306.0	39.0	-305.4	0.00	0.00	0.00
10,700.0	0.00	0.00	10,692.4	306.0	39.0	-305.4	0.00	0.00	0.00
10,800.0	0.00	0.00	10,792.4	306.0	39.0	-305.4	0.00	0.00	0.00
10,900.0	0.00	0.00	10,892.4	306.0	39.0	-305.4	0.00	0.00	0.00
11,000.0	0.00	0.00	10,992.4	306.0	39.0	-305.4	0.00	0.00	0.00
11,100.0	0.00	0.00	11,092.4	306.0	39.0	-305.4	0.00	0.00	0.00
11,200.0	0.00	0.00	11,192.4	306.0	39.0	-305.4	0.00	0.00	0.00
11,300.0	0.00	0.00	11,292.4	306.0	39.0	-305.4	0.00	0.00	0.00
11,400.0	0.00	0.00	11,392.4	306.0	39.0	-305.4	0.00	0.00	0.00
11,500.0	0.00	0.00	11,492.4	306.0	39.0	-305.4	0.00	0.00	0.00
11,600.0	0.00	0.00	11,592.4	306.0	39.0	-305.4	0.00	0.00	0.00
11,700.0	0.00	0.00	11,692.4	306.0	39.0	-305.4	0.00	0.00	0.00
11,800.0	0.00	0.00	11,792.4	306.0	39.0	-305.4	0.00	0.00	0.00
11,900.0	0.00	0.00	11,892.4	306.0	39.0	-305.4	0.00	0.00	0.00
12,000.0	0.00	0.00	11,992.4	306.0	39.0	-305.4	0.00	0.00	0.00
12,045.1	0.00	0.00	12,037.5	306.0	39.0	-305.4	0.00	0.00	0.00
KOP(Durango 2 State #706H)									
12,050.0	0.59	179.66	12,042.4	306.0	39.0	-305.4	12.00	12.00	0.00
12,075.0	3.59	179.66	12,067.4	305.1	39.0	-304.5	12.00	12.00	0.00
12,100.0	6.59	179.66	12,092.3	302.8	39.0	-302.3	12.00	12.00	0.00
12,125.0	9.59	179.66	12,117.1	299.3	39.0	-298.7	12.00	12.00	0.00
12,150.0	12.59	179.66	12,141.6	294.5	39.1	-293.9	12.00	12.00	0.00
12,175.0	15.59	179.66	12,165.8	288.4	39.1	-287.8	12.00	12.00	0.00
12,200.0	18.59	179.66	12,189.7	281.1	39.1	-280.5	12.00	12.00	0.00
12,225.0	21.59	179.66	12,213.2	272.5	39.2	-271.9	12.00	12.00	0.00
12,250.0	24.59	179.66	12,236.2	262.7	39.3	-262.1	12.00	12.00	0.00
12,275.0	27.59	179.66	12,258.7	251.7	39.3	-251.1	12.00	12.00	0.00
12,300.0	30.59	179.66	12,280.5	239.5	39.4	-239.0	12.00	12.00	0.00
12,325.0	33.59	179.66	12,301.7	226.3	39.5	-225.7	12.00	12.00	0.00
12,350.0	36.59	179.66	12,322.1	211.9	39.6	-211.3	12.00	12.00	0.00
12,375.0	39.59	179.66	12,341.8	196.5	39.6	-195.9	12.00	12.00	0.00
12,400.0	42.59	179.66	12,360.6	180.0	39.7	-179.5	12.00	12.00	0.00
12,425.0	45.59	179.66	12,378.6	162.6	39.8	-162.1	12.00	12.00	0.00
12,449.5	48.53	179.66	12,395.3	144.7	39.9	-144.1	12.00	12.00	0.00
FTP(Durango 2 State #706H)									
12,450.0	48.59	179.66	12,395.6	144.3	39.9	-143.7	12.00	12.00	0.00
12,475.0	51.59	179.66	12,411.6	125.2	40.1	-124.6	12.00	12.00	0.00
12,500.0	54.59	179.66	12,426.7	105.2	40.2	-104.6	12.00	12.00	0.00
12,525.0	57.59	179.66	12,440.6	84.4	40.3	-83.8	12.00	12.00	0.00
12,550.0	60.59	179.66	12,453.4	63.0	40.4	-62.4	12.00	12.00	0.00
12,575.0	63.59	179.66	12,465.1	40.9	40.6	-40.3	12.00	12.00	0.00
12,600.0	66.59	179.66	12,475.7	18.2	40.7	-17.6	12.00	12.00	0.00
12,625.0	69.59	179.66	12,485.0	-5.0	40.8	5.6	12.00	12.00	0.00
12,650.0	72.59	179.66	12,493.1	-28.6	41.0	29.2	12.00	12.00	0.00
12,675.0	75.59	179.66	12,499.9	-52.7	41.1	53.2	12.00	12.00	0.00
12,700.0	78.59	179.66	12,505.5	-77.0	41.2	77.6	12.00	12.00	0.00
12,725.0	81.59	179.66	12,509.8	-101.7	41.4	102.2	12.00	12.00	0.00
12,750.0	84.59	179.66	12,512.8	-126.5	41.5	127.0	12.00	12.00	0.00
12,775.0	87.59	179.66	12,514.5	-151.4	41.7	152.0	12.00	12.00	0.00
12,795.1	90.00	179.66	12,515.0	-171.5	41.8	172.0	12.00	12.00	0.00
12,800.0	90.00	179.66	12,515.0	-176.4	41.8	177.0	0.00	0.00	0.00
12,900.0	90.00	179.66	12,515.0	-276.4	42.4	277.0	0.00	0.00	0.00
13,000.0	90.00	179.66	12,515.0	-376.4	43.0	377.0	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #706H
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:	#706H	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	179.66	12,515.0	-476.4	43.6	477.0	0.00	0.00	0.00
13,200.0	90.00	179.66	12,515.0	-576.4	44.2	577.0	0.00	0.00	0.00
13,300.0	90.00	179.66	12,515.0	-676.4	44.7	677.0	0.00	0.00	0.00
13,400.0	90.00	179.66	12,515.0	-776.4	45.3	777.0	0.00	0.00	0.00
13,500.0	90.00	179.66	12,515.0	-876.4	45.9	877.0	0.00	0.00	0.00
13,600.0	90.00	179.66	12,515.0	-976.4	46.5	977.0	0.00	0.00	0.00
13,700.0	90.00	179.66	12,515.0	-1,076.4	47.1	1,076.9	0.00	0.00	0.00
13,800.0	90.00	179.66	12,515.0	-1,176.4	47.7	1,176.9	0.00	0.00	0.00
13,900.0	90.00	179.66	12,515.0	-1,276.4	48.3	1,276.9	0.00	0.00	0.00
14,000.0	90.00	179.66	12,515.0	-1,376.4	48.8	1,376.9	0.00	0.00	0.00
14,100.0	90.00	179.66	12,515.0	-1,476.4	49.4	1,476.9	0.00	0.00	0.00
14,200.0	90.00	179.66	12,515.0	-1,576.4	50.0	1,576.9	0.00	0.00	0.00
14,300.0	90.00	179.66	12,515.0	-1,676.4	50.6	1,676.9	0.00	0.00	0.00
14,400.0	90.00	179.66	12,515.0	-1,776.4	51.2	1,776.9	0.00	0.00	0.00
14,500.0	90.00	179.66	12,515.0	-1,876.4	51.8	1,876.9	0.00	0.00	0.00
14,600.0	90.00	179.66	12,515.0	-1,976.4	52.4	1,976.9	0.00	0.00	0.00
14,700.0	90.00	179.66	12,515.0	-2,076.4	52.9	2,076.9	0.00	0.00	0.00
14,800.0	90.00	179.66	12,515.0	-2,176.4	53.5	2,176.9	0.00	0.00	0.00
14,900.0	90.00	179.66	12,515.0	-2,276.4	54.1	2,276.9	0.00	0.00	0.00
15,000.0	90.00	179.66	12,515.0	-2,376.4	54.7	2,376.9	0.00	0.00	0.00
15,100.0	90.00	179.66	12,515.0	-2,476.4	55.3	2,476.9	0.00	0.00	0.00
15,200.0	90.00	179.66	12,515.0	-2,576.4	55.9	2,576.9	0.00	0.00	0.00
15,300.0	90.00	179.66	12,515.0	-2,676.4	56.5	2,676.9	0.00	0.00	0.00
15,400.0	90.00	179.66	12,515.0	-2,776.4	57.0	2,776.9	0.00	0.00	0.00
15,500.0	90.00	179.66	12,515.0	-2,876.4	57.6	2,876.9	0.00	0.00	0.00
15,600.0	90.00	179.66	12,515.0	-2,976.4	58.2	2,976.9	0.00	0.00	0.00
15,700.0	90.00	179.66	12,515.0	-3,076.3	58.8	3,076.9	0.00	0.00	0.00
15,800.0	90.00	179.66	12,515.0	-3,176.3	59.4	3,176.9	0.00	0.00	0.00
15,900.0	90.00	179.66	12,515.0	-3,276.3	60.0	3,276.9	0.00	0.00	0.00
16,000.0	90.00	179.66	12,515.0	-3,376.3	60.6	3,376.9	0.00	0.00	0.00
16,100.0	90.00	179.66	12,515.0	-3,476.3	61.1	3,476.9	0.00	0.00	0.00
16,200.0	90.00	179.66	12,515.0	-3,576.3	61.7	3,576.9	0.00	0.00	0.00
16,300.0	90.00	179.66	12,515.0	-3,676.3	62.3	3,676.9	0.00	0.00	0.00
16,400.0	90.00	179.66	12,515.0	-3,776.3	62.9	3,776.8	0.00	0.00	0.00
16,500.0	90.00	179.66	12,515.0	-3,876.3	63.5	3,876.8	0.00	0.00	0.00
16,600.0	90.00	179.66	12,515.0	-3,976.3	64.1	3,976.8	0.00	0.00	0.00
16,700.0	90.00	179.66	12,515.0	-4,076.3	64.6	4,076.8	0.00	0.00	0.00
16,800.0	90.00	179.66	12,515.0	-4,176.3	65.2	4,176.8	0.00	0.00	0.00
16,900.0	90.00	179.66	12,515.0	-4,276.3	65.8	4,276.8	0.00	0.00	0.00
17,000.0	90.00	179.66	12,515.0	-4,376.3	66.4	4,376.8	0.00	0.00	0.00
17,100.0	90.00	179.66	12,515.0	-4,476.3	67.0	4,476.8	0.00	0.00	0.00
17,200.0	90.00	179.66	12,515.0	-4,576.3	67.6	4,576.8	0.00	0.00	0.00
17,300.0	90.00	179.66	12,515.0	-4,676.3	68.2	4,676.8	0.00	0.00	0.00
17,400.0	90.00	179.66	12,515.0	-4,776.3	68.7	4,776.8	0.00	0.00	0.00
17,443.7	90.00	179.66	12,515.0	-4,820.0	69.0	4,820.5	0.00	0.00	0.00
PBHL(Durango 2 State #706H)									

Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #706H
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:	#706H	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 #:	0.00	0.00	12,037.5	306.0	39.0	425,281.00	786,857.00	32° 10' 0.075 N	103° 32' 23.556 W
- plan hits target center									
- Point									
FTP(Durango 2 State #7	0.00	0.00	12,515.0	256.0	39.0	425,231.00	786,857.00	32° 9' 59.580 N	103° 32' 23.560 W
- plan misses target center by 163.5usft at 12449.5usft MD (12395.3 TVD, 144.7 N, 39.9 E)									
- Point									
PBHL(Durango 2 State #	0.00	0.00	12,515.0	-4,820.0	69.0	420,155.00	786,887.00	32° 9' 9.350 N	103° 32' 23.647 W
- plan hits target center									
- Point									