



HOBBS OCD

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EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Endurance 36 State Com

#705H

OH

Plan: Plan #.01

Standard Planning Report

25 February, 2016

MAY 12 2016



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #705H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3362.0usft (Precision 612)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3362.0usft (Precision 612)
Site:	Endurance 36 State Com	North Reference:	Grid
Well:	#705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #.01		

Project	Lea County, NM (NAD 27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Endurance 36 State Com		
Site Position:		Northing:	365,036.00 usft
From:	Map	Easting:	749,506.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 0' 3.760 N
		Longitude:	103° 31' 42.470 W
		Grid Convergence:	0.43 °

Well	#705H		
Well Position	+N/-S	78.0 usft	Northing:
	+E/-W	559.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 0' 4.490 N
		Longitude:	103° 31' 35.973 W
		Ground Level:	3,337.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2015	2/25/2016	7.06	59.88	47,945

Design	Plan #.01			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	354.27

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	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,061.3	5.61	239.50	5,060.4	-13.9	-23.7	1.00	1.00	0.00	239.50	
11,965.2	5.61	239.50	11,931.2	-356.6	-605.5	0.00	0.00	0.00	0.00	
12,893.2	90.00	359.53	12,530.0	215.2	-661.1	10.00	9.09	12.93	119.91	
19,829.2	90.00	359.53	12,530.0	7,151.0	-718.0	0.00	0.00	0.00	0.00	PBHL (End 36 ST CO



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Site:	Endurance 36 State Com	North Reference:	Grid
Well:	#705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #.01		

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	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	1.00	239.50	4,600.0	-0.4	-0.8	-0.4	1.00	1.00	0.00
4,700.0	2.00	239.50	4,700.0	-1.8	-3.0	-1.5	1.00	1.00	0.00
4,800.0	3.00	239.50	4,799.9	-4.0	-6.8	-3.3	1.00	1.00	0.00
4,900.0	4.00	239.50	4,899.7	-7.1	-12.0	-5.8	1.00	1.00	0.00
5,000.0	5.00	239.50	4,999.4	-11.1	-18.8	-9.1	1.00	1.00	0.00
5,061.3	5.61	239.50	5,060.4	-13.9	-23.7	-11.5	1.00	1.00	0.00
5,100.0	5.61	239.50	5,098.9	-15.9	-26.9	-13.1	0.00	0.00	0.00
5,200.0	5.61	239.50	5,198.4	-20.8	-35.4	-17.2	0.00	0.00	0.00



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Wellbore:	OH		
Design:	Plan #.01		

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	5.61	239.50	5,298.0	-25.8	-43.8	-21.3	0.00	0.00	0.00	
5,400.0	5.61	239.50	5,397.5	-30.8	-52.2	-25.4	0.00	0.00	0.00	
5,500.0	5.61	239.50	5,497.0	-35.7	-60.6	-29.5	0.00	0.00	0.00	
5,600.0	5.61	239.50	5,596.5	-40.7	-69.1	-33.6	0.00	0.00	0.00	
5,700.0	5.61	239.50	5,696.0	-45.6	-77.5	-37.7	0.00	0.00	0.00	
5,800.0	5.61	239.50	5,795.6	-50.6	-85.9	-41.8	0.00	0.00	0.00	
5,900.0	5.61	239.50	5,895.1	-55.6	-94.3	-45.9	0.00	0.00	0.00	
6,000.0	5.61	239.50	5,994.6	-60.5	-102.8	-50.0	0.00	0.00	0.00	
6,100.0	5.61	239.50	6,094.1	-65.5	-111.2	-54.1	0.00	0.00	0.00	
6,200.0	5.61	239.50	6,193.6	-70.5	-119.6	-58.2	0.00	0.00	0.00	
6,300.0	5.61	239.50	6,293.2	-75.4	-128.1	-62.3	0.00	0.00	0.00	
6,400.0	5.61	239.50	6,392.7	-80.4	-136.5	-66.3	0.00	0.00	0.00	
6,500.0	5.61	239.50	6,492.2	-85.3	-144.9	-70.4	0.00	0.00	0.00	
6,600.0	5.61	239.50	6,591.7	-90.3	-153.3	-74.5	0.00	0.00	0.00	
6,700.0	5.61	239.50	6,691.2	-95.3	-161.8	-78.6	0.00	0.00	0.00	
6,800.0	5.61	239.50	6,790.8	-100.2	-170.2	-82.7	0.00	0.00	0.00	
6,900.0	5.61	239.50	6,890.3	-105.2	-178.6	-86.8	0.00	0.00	0.00	
7,000.0	5.61	239.50	6,989.8	-110.2	-187.0	-90.9	0.00	0.00	0.00	
7,100.0	5.61	239.50	7,089.3	-115.1	-195.5	-95.0	0.00	0.00	0.00	
7,200.0	5.61	239.50	7,188.8	-120.1	-203.9	-99.1	0.00	0.00	0.00	
7,300.0	5.61	239.50	7,288.4	-125.1	-212.3	-103.2	0.00	0.00	0.00	
7,400.0	5.61	239.50	7,387.9	-130.0	-220.8	-107.3	0.00	0.00	0.00	
7,500.0	5.61	239.50	7,487.4	-135.0	-229.2	-111.4	0.00	0.00	0.00	
7,600.0	5.61	239.50	7,586.9	-139.9	-237.6	-115.5	0.00	0.00	0.00	
7,700.0	5.61	239.50	7,686.5	-144.9	-246.0	-119.6	0.00	0.00	0.00	
7,800.0	5.61	239.50	7,786.0	-149.9	-254.5	-123.7	0.00	0.00	0.00	
7,900.0	5.61	239.50	7,885.5	-154.8	-262.9	-127.8	0.00	0.00	0.00	
8,000.0	5.61	239.50	7,985.0	-159.8	-271.3	-131.9	0.00	0.00	0.00	
8,100.0	5.61	239.50	8,084.5	-164.8	-279.7	-136.0	0.00	0.00	0.00	
8,200.0	5.61	239.50	8,184.1	-169.7	-288.2	-140.1	0.00	0.00	0.00	
8,300.0	5.61	239.50	8,283.6	-174.7	-296.6	-144.2	0.00	0.00	0.00	
8,400.0	5.61	239.50	8,383.1	-179.7	-305.0	-148.3	0.00	0.00	0.00	
8,500.0	5.61	239.50	8,482.6	-184.6	-313.5	-152.4	0.00	0.00	0.00	
8,600.0	5.61	239.50	8,582.1	-189.6	-321.9	-156.5	0.00	0.00	0.00	
8,700.0	5.61	239.50	8,681.7	-194.5	-330.3	-160.6	0.00	0.00	0.00	
8,800.0	5.61	239.50	8,781.2	-199.5	-338.7	-164.7	0.00	0.00	0.00	
8,900.0	5.61	239.50	8,880.7	-204.5	-347.2	-168.8	0.00	0.00	0.00	
9,000.0	5.61	239.50	8,980.2	-209.4	-355.6	-172.9	0.00	0.00	0.00	
9,100.0	5.61	239.50	9,079.7	-214.4	-364.0	-177.0	0.00	0.00	0.00	
9,200.0	5.61	239.50	9,179.3	-219.4	-372.4	-181.1	0.00	0.00	0.00	
9,300.0	5.61	239.50	9,278.8	-224.3	-380.9	-185.1	0.00	0.00	0.00	
9,400.0	5.61	239.50	9,378.3	-229.3	-389.3	-189.2	0.00	0.00	0.00	
9,500.0	5.61	239.50	9,477.8	-234.2	-397.7	-193.3	0.00	0.00	0.00	
9,600.0	5.61	239.50	9,577.3	-239.2	-406.1	-197.4	0.00	0.00	0.00	
9,700.0	5.61	239.50	9,676.9	-244.2	-414.6	-201.5	0.00	0.00	0.00	
9,800.0	5.61	239.50	9,776.4	-249.1	-423.0	-205.6	0.00	0.00	0.00	
9,900.0	5.61	239.50	9,875.9	-254.1	-431.4	-209.7	0.00	0.00	0.00	
10,000.0	5.61	239.50	9,975.4	-259.1	-439.9	-213.8	0.00	0.00	0.00	
10,100.0	5.61	239.50	10,074.9	-264.0	-448.3	-217.9	0.00	0.00	0.00	
10,200.0	5.61	239.50	10,174.5	-269.0	-456.7	-222.0	0.00	0.00	0.00	
10,300.0	5.61	239.50	10,274.0	-274.0	-465.1	-226.1	0.00	0.00	0.00	
10,400.0	5.61	239.50	10,373.5	-278.9	-473.6	-230.2	0.00	0.00	0.00	
10,500.0	5.61	239.50	10,473.0	-283.9	-482.0	-234.3	0.00	0.00	0.00	
10,600.0	5.61	239.50	10,572.6	-288.8	-490.4	-238.4	0.00	0.00	0.00	



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Well:	#705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #.01		

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)
10,700.0	5.61	239.50	10,672.1	-293.8	-498.8	-242.5	0.00	0.00	0.00
10,800.0	5.61	239.50	10,771.6	-298.8	-507.3	-246.6	0.00	0.00	0.00
10,900.0	5.61	239.50	10,871.1	-303.7	-515.7	-250.7	0.00	0.00	0.00
11,000.0	5.61	239.50	10,970.6	-308.7	-524.1	-254.8	0.00	0.00	0.00
11,100.0	5.61	239.50	11,070.2	-313.7	-532.6	-258.9	0.00	0.00	0.00
11,200.0	5.61	239.50	11,169.7	-318.6	-541.0	-263.0	0.00	0.00	0.00
11,300.0	5.61	239.50	11,269.2	-323.6	-549.4	-267.1	0.00	0.00	0.00
11,400.0	5.61	239.50	11,368.7	-328.6	-557.8	-271.2	0.00	0.00	0.00
11,500.0	5.61	239.50	11,468.2	-333.5	-566.3	-275.3	0.00	0.00	0.00
11,600.0	5.61	239.50	11,567.8	-338.5	-574.7	-279.4	0.00	0.00	0.00
11,700.0	5.61	239.50	11,667.3	-343.4	-583.1	-283.5	0.00	0.00	0.00
11,800.0	5.61	239.50	11,766.8	-348.4	-591.5	-287.6	0.00	0.00	0.00
11,900.0	5.61	239.50	11,866.3	-353.4	-600.0	-291.7	0.00	0.00	0.00
11,965.2	5.61	239.50	11,931.2	-356.6	-605.5	-294.3	0.00	0.00	0.00
12,000.0	4.91	277.49	11,965.9	-357.3	-608.4	-294.7	10.00	-2.02	109.02
12,050.0	7.47	319.08	12,015.6	-354.5	-612.7	-291.6	10.00	5.12	83.19
12,100.0	11.72	335.32	12,064.9	-347.5	-616.9	-284.1	10.00	8.50	32.48
12,150.0	16.40	342.72	12,113.4	-336.1	-621.1	-272.4	10.00	9.35	14.80
12,200.0	21.22	346.87	12,160.7	-320.5	-625.3	-256.5	10.00	9.64	8.29
12,250.0	26.10	349.53	12,206.5	-300.9	-629.3	-236.5	10.00	9.77	5.32
12,300.0	31.02	351.40	12,250.4	-277.3	-633.3	-212.7	10.00	9.84	3.73
12,350.0	35.97	352.80	12,292.1	-250.0	-637.0	-185.1	10.00	9.88	2.80
12,400.0	40.92	353.90	12,331.2	-219.1	-640.6	-154.0	10.00	9.91	2.20
12,450.0	45.88	354.80	12,367.5	-185.0	-644.0	-119.7	10.00	9.92	1.80
12,500.0	50.85	355.56	12,400.8	-147.7	-647.1	-82.3	10.00	9.94	1.52
12,550.0	55.82	356.22	12,430.6	-107.7	-650.0	-42.3	10.00	9.94	1.32
12,600.0	60.79	356.80	12,456.9	-65.3	-652.6	0.2	10.00	9.95	1.17
12,620.9	62.88	357.03	12,466.7	-46.9	-653.6	18.6	10.00	9.95	1.09
FTP (End 36 ST COM#705H)									
12,650.0	65.77	357.34	12,479.3	-20.7	-654.9	44.8	10.00	9.96	1.04
12,700.0	70.75	357.83	12,497.8	25.7	-656.8	91.2	10.00	9.96	0.98
12,750.0	75.73	358.29	12,512.3	73.5	-658.4	138.9	10.00	9.96	0.93
12,800.0	80.71	358.73	12,522.5	122.4	-659.7	187.7	10.00	9.96	0.89
12,850.0	85.69	359.16	12,528.4	172.1	-660.6	237.2	10.00	9.96	0.86
12,893.2	90.00	359.53	12,530.0	215.2	-661.1	280.2	10.00	9.96	0.85
12,900.0	90.00	359.53	12,530.0	222.0	-661.2	287.0	0.00	0.00	0.00
13,000.0	90.00	359.53	12,530.0	322.0	-662.0	386.5	0.00	0.00	0.00
13,100.0	90.00	359.53	12,530.0	422.0	-662.8	486.1	0.00	0.00	0.00
13,200.0	90.00	359.53	12,530.0	522.0	-663.6	585.7	0.00	0.00	0.00
13,300.0	90.00	359.53	12,530.0	622.0	-664.4	685.3	0.00	0.00	0.00
13,400.0	90.00	359.53	12,530.0	722.0	-665.3	784.9	0.00	0.00	0.00
13,500.0	90.00	359.53	12,530.0	822.0	-666.1	884.4	0.00	0.00	0.00
13,600.0	90.00	359.53	12,530.0	922.0	-666.9	984.0	0.00	0.00	0.00
13,700.0	90.00	359.53	12,530.0	1,022.0	-667.7	1,083.6	0.00	0.00	0.00
13,800.0	90.00	359.53	12,530.0	1,122.0	-668.5	1,183.2	0.00	0.00	0.00
13,900.0	90.00	359.53	12,530.0	1,222.0	-669.4	1,282.7	0.00	0.00	0.00
14,000.0	90.00	359.53	12,530.0	1,322.0	-670.2	1,382.3	0.00	0.00	0.00
14,100.0	90.00	359.53	12,530.0	1,422.0	-671.0	1,481.9	0.00	0.00	0.00
14,200.0	90.00	359.53	12,530.0	1,522.0	-671.8	1,581.5	0.00	0.00	0.00
14,300.0	90.00	359.53	12,530.0	1,622.0	-672.6	1,681.1	0.00	0.00	0.00
14,400.0	90.00	359.53	12,530.0	1,722.0	-673.5	1,780.6	0.00	0.00	0.00
14,500.0	90.00	359.53	12,530.0	1,822.0	-674.3	1,880.2	0.00	0.00	0.00
14,600.0	90.00	359.53	12,530.0	1,922.0	-675.1	1,979.8	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #705H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3362.0usft (Precision 612)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3362.0usft (Precision 612)
Site:	Endurance 36 State Com	North Reference:	Grid
Well:	#705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #.01		

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)	
14,700.0	90.00	359.53	12,530.0	2,022.0	-675.9	2,079.4	0.00	0.00	0.00	
14,800.0	90.00	359.53	12,530.0	2,122.0	-676.7	2,179.0	0.00	0.00	0.00	
14,900.0	90.00	359.53	12,530.0	2,222.0	-677.6	2,278.5	0.00	0.00	0.00	
15,000.0	90.00	359.53	12,530.0	2,322.0	-678.4	2,378.1	0.00	0.00	0.00	
15,100.0	90.00	359.53	12,530.0	2,421.9	-679.2	2,477.7	0.00	0.00	0.00	
15,200.0	90.00	359.53	12,530.0	2,521.9	-680.0	2,577.3	0.00	0.00	0.00	
15,300.0	90.00	359.53	12,530.0	2,621.9	-680.8	2,676.8	0.00	0.00	0.00	
15,400.0	90.00	359.53	12,530.0	2,721.9	-681.7	2,776.4	0.00	0.00	0.00	
15,500.0	90.00	359.53	12,530.0	2,821.9	-682.5	2,876.0	0.00	0.00	0.00	
15,600.0	90.00	359.53	12,530.0	2,921.9	-683.3	2,975.6	0.00	0.00	0.00	
15,700.0	90.00	359.53	12,530.0	3,021.9	-684.1	3,075.2	0.00	0.00	0.00	
15,800.0	90.00	359.53	12,530.0	3,121.9	-684.9	3,174.7	0.00	0.00	0.00	
15,900.0	90.00	359.53	12,530.0	3,221.9	-685.8	3,274.3	0.00	0.00	0.00	
16,000.0	90.00	359.53	12,530.0	3,321.9	-686.6	3,373.9	0.00	0.00	0.00	
16,100.0	90.00	359.53	12,530.0	3,421.9	-687.4	3,473.5	0.00	0.00	0.00	
16,200.0	90.00	359.53	12,530.0	3,521.9	-688.2	3,573.0	0.00	0.00	0.00	
16,300.0	90.00	359.53	12,530.0	3,621.9	-689.1	3,672.6	0.00	0.00	0.00	
16,400.0	90.00	359.53	12,530.0	3,721.9	-689.9	3,772.2	0.00	0.00	0.00	
16,500.0	90.00	359.53	12,530.0	3,821.9	-690.7	3,871.8	0.00	0.00	0.00	
16,600.0	90.00	359.53	12,530.0	3,921.9	-691.5	3,971.4	0.00	0.00	0.00	
16,700.0	90.00	359.53	12,530.0	4,021.9	-692.3	4,070.9	0.00	0.00	0.00	
16,800.0	90.00	359.53	12,530.0	4,121.9	-693.2	4,170.5	0.00	0.00	0.00	
16,900.0	90.00	359.53	12,530.0	4,221.9	-694.0	4,270.1	0.00	0.00	0.00	
17,000.0	90.00	359.53	12,530.0	4,321.9	-694.8	4,369.7	0.00	0.00	0.00	
17,100.0	90.00	359.53	12,530.0	4,421.9	-695.6	4,469.3	0.00	0.00	0.00	
17,200.0	90.00	359.53	12,530.0	4,521.9	-696.4	4,568.8	0.00	0.00	0.00	
17,300.0	90.00	359.53	12,530.0	4,621.9	-697.3	4,668.4	0.00	0.00	0.00	
17,400.0	90.00	359.53	12,530.0	4,721.9	-698.1	4,768.0	0.00	0.00	0.00	
17,500.0	90.00	359.53	12,530.0	4,821.9	-698.9	4,867.6	0.00	0.00	0.00	
17,600.0	90.00	359.53	12,530.0	4,921.9	-699.7	4,967.1	0.00	0.00	0.00	
17,700.0	90.00	359.53	12,530.0	5,021.9	-700.5	5,066.7	0.00	0.00	0.00	
17,800.0	90.00	359.53	12,530.0	5,121.9	-701.4	5,166.3	0.00	0.00	0.00	
17,900.0	90.00	359.53	12,530.0	5,221.9	-702.2	5,265.9	0.00	0.00	0.00	
18,000.0	90.00	359.53	12,530.0	5,321.9	-703.0	5,365.5	0.00	0.00	0.00	
18,100.0	90.00	359.53	12,530.0	5,421.8	-703.8	5,465.0	0.00	0.00	0.00	
18,200.0	90.00	359.53	12,530.0	5,521.8	-704.6	5,564.6	0.00	0.00	0.00	
18,300.0	90.00	359.53	12,530.0	5,621.8	-705.5	5,664.2	0.00	0.00	0.00	
18,400.0	90.00	359.53	12,530.0	5,721.8	-706.3	5,763.8	0.00	0.00	0.00	
18,500.0	90.00	359.53	12,530.0	5,821.8	-707.1	5,863.3	0.00	0.00	0.00	
18,600.0	90.00	359.53	12,530.0	5,921.8	-707.9	5,962.9	0.00	0.00	0.00	
18,700.0	90.00	359.53	12,530.0	6,021.8	-708.7	6,062.5	0.00	0.00	0.00	
18,800.0	90.00	359.53	12,530.0	6,121.8	-709.6	6,162.1	0.00	0.00	0.00	
18,900.0	90.00	359.53	12,530.0	6,221.8	-710.4	6,261.7	0.00	0.00	0.00	
19,000.0	90.00	359.53	12,530.0	6,321.8	-711.2	6,361.2	0.00	0.00	0.00	
19,100.0	90.00	359.53	12,530.0	6,421.8	-712.0	6,460.8	0.00	0.00	0.00	
19,200.0	90.00	359.53	12,530.0	6,521.8	-712.8	6,560.4	0.00	0.00	0.00	
19,300.0	90.00	359.53	12,530.0	6,621.8	-713.7	6,660.0	0.00	0.00	0.00	
19,400.0	90.00	359.53	12,530.0	6,721.8	-714.5	6,759.6	0.00	0.00	0.00	
19,500.0	90.00	359.53	12,530.0	6,821.8	-715.3	6,859.1	0.00	0.00	0.00	
19,600.0	90.00	359.53	12,530.0	6,921.8	-716.1	6,958.7	0.00	0.00	0.00	
19,700.0	90.00	359.53	12,530.0	7,021.8	-716.9	7,058.3	0.00	0.00	0.00	
19,800.0	90.00	359.53	12,530.0	7,121.8	-717.8	7,157.9	0.00	0.00	0.00	
19,829.2	90.00	359.53	12,530.0	7,151.0	-718.0	7,187.0	0.00	0.00	0.00	
PBHL (End 36 ST COM#705H)										



EOG Resources, Inc.
Planning Report

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Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3362.0usft (Precision 612)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3362.0usft (Precision 612)
Site:	Endurance 36 State Com	North Reference:	Grid
Well:	#705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #.01		

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)

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL (End 36 ST COM#	0.00	0.00	12,530.0	7,151.0	-718.0	372,265.00	749,347.00	32° 1' 15.308 N	103° 31' 43.692 W
- plan hits target center									
- Point									
FTP (End 36 ST COM#7	0.00	0.00	12,530.0	-79.0	-658.0	365,035.00	749,407.00	32° 0' 3.757 N	103° 31' 43.620 W
- plan misses target center by 71.1usft at 12620.9usft MD (12466.7 TVD, -46.9 N, -653.6 E)									
- Point									