



HOBBS OCD

FEB 06 2017

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EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Hound 30 Fed

#703H

OH

Plan: Plan #0.1

Standard Planning Report

22 August, 2016



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Hound 30 Fed
Well: #703H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 25' @ 3348.0usft
MD Reference: KB = 25' @ 3348.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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 Hound 30 Fed

Site Position: Northing: 401,122.00 usft Latitude: 32° 6' 0.564 N
From: Map Easting: 753,414.00 usft Longitude: 103° 30' 53.914 W
Position Uncertainty: 0.0 usft Slot Radius: 13-3/16 " Grid Convergence: 0.43 °

Well #703H

Well Position +N/-S 80.0 usft Northing: 401,202.00 usft Latitude: 32° 6' 1.256 N
 +E/-W 1,325.0 usft Easting: 754,739.00 usft Longitude: 103° 30' 38.505 W
Position Uncertainty 0.0 usft Wellhead Elevation: 0.0 usft Ground Level: 3,323.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/22/2016	7.01	59.97	47,956

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	182.08

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	
4,840.7	3.41	316.66	4,840.5	7.4	-7.0	1.00	1.00	0.00	316.66	
12,109.2	3.41	316.66	12,096.2	321.6	-303.4	0.00	0.00	0.00	0.00	
12,873.4	89.20	179.57	12,594.0	-148.9	-319.8	12.00	11.23	-17.94	-137.08	
20,043.4	89.20	179.57	12,694.1	-7,318.0	-266.0	0.00	0.00	0.00	0.00	PBHL (Hound 30 Fed)



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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)
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	316.66	4,600.0	0.6	-0.6	-0.6	1.00	1.00	0.00
4,700.0	2.00	316.66	4,700.0	2.5	-2.4	-2.4	1.00	1.00	0.00
4,800.0	3.00	316.66	4,799.9	5.7	-5.4	-5.5	1.00	1.00	0.00
4,840.7	3.41	316.66	4,840.5	7.4	-7.0	-7.1	1.00	1.00	0.00
4,900.0	3.41	316.66	4,899.7	9.9	-9.4	-9.6	0.00	0.00	0.00
5,000.0	3.41	316.66	4,999.5	14.3	-13.4	-13.8	0.00	0.00	0.00
5,100.0	3.41	316.66	5,099.3	18.6	-17.5	-17.9	0.00	0.00	0.00
5,200.0	3.41	316.66	5,199.2	22.9	-21.6	-22.1	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)
5,300.0	3.41	316.66	5,299.0	27.2	-25.7	-26.3	0.00	0.00	0.00
5,400.0	3.41	316.66	5,398.8	31.5	-29.8	-30.4	0.00	0.00	0.00
5,500.0	3.41	316.66	5,498.6	35.9	-33.8	-34.6	0.00	0.00	0.00
5,600.0	3.41	316.66	5,598.5	40.2	-37.9	-38.8	0.00	0.00	0.00
5,700.0	3.41	316.66	5,698.3	44.5	-42.0	-43.0	0.00	0.00	0.00
5,800.0	3.41	316.66	5,798.1	48.8	-46.1	-47.1	0.00	0.00	0.00
5,900.0	3.41	316.66	5,897.9	53.2	-50.2	-51.3	0.00	0.00	0.00
6,000.0	3.41	316.66	5,997.7	57.5	-54.2	-55.5	0.00	0.00	0.00
6,100.0	3.41	316.66	6,097.6	61.8	-58.3	-59.6	0.00	0.00	0.00
6,200.0	3.41	316.66	6,197.4	66.1	-62.4	-63.8	0.00	0.00	0.00
6,300.0	3.41	316.66	6,297.2	70.5	-66.5	-68.0	0.00	0.00	0.00
6,400.0	3.41	316.66	6,397.0	74.8	-70.6	-72.2	0.00	0.00	0.00
6,500.0	3.41	316.66	6,496.9	79.1	-74.6	-76.3	0.00	0.00	0.00
6,600.0	3.41	316.66	6,596.7	83.4	-78.7	-80.5	0.00	0.00	0.00
6,700.0	3.41	316.66	6,696.5	87.7	-82.8	-84.7	0.00	0.00	0.00
6,800.0	3.41	316.66	6,796.3	92.1	-86.9	-88.9	0.00	0.00	0.00
6,900.0	3.41	316.66	6,896.2	96.4	-90.9	-93.0	0.00	0.00	0.00
7,000.0	3.41	316.66	6,996.0	100.7	-95.0	-97.2	0.00	0.00	0.00
7,100.0	3.41	316.66	7,095.8	105.0	-99.1	-101.4	0.00	0.00	0.00
7,200.0	3.41	316.66	7,195.6	109.4	-103.2	-105.5	0.00	0.00	0.00
7,300.0	3.41	316.66	7,295.5	113.7	-107.3	-109.7	0.00	0.00	0.00
7,400.0	3.41	316.66	7,395.3	118.0	-111.3	-113.9	0.00	0.00	0.00
7,500.0	3.41	316.66	7,495.1	122.3	-115.4	-118.1	0.00	0.00	0.00
7,600.0	3.41	316.66	7,594.9	126.7	-119.5	-122.2	0.00	0.00	0.00
7,700.0	3.41	316.66	7,694.7	131.0	-123.6	-126.4	0.00	0.00	0.00
7,800.0	3.41	316.66	7,794.6	135.3	-127.7	-130.6	0.00	0.00	0.00
7,900.0	3.41	316.66	7,894.4	139.6	-131.7	-134.7	0.00	0.00	0.00
8,000.0	3.41	316.66	7,994.2	143.9	-135.8	-138.9	0.00	0.00	0.00
8,100.0	3.41	316.66	8,094.0	148.3	-139.9	-143.1	0.00	0.00	0.00
8,200.0	3.41	316.66	8,193.9	152.6	-144.0	-147.3	0.00	0.00	0.00
8,300.0	3.41	316.66	8,293.7	156.9	-148.1	-151.4	0.00	0.00	0.00
8,400.0	3.41	316.66	8,393.5	161.2	-152.1	-155.6	0.00	0.00	0.00
8,500.0	3.41	316.66	8,493.3	165.6	-156.2	-159.8	0.00	0.00	0.00
8,600.0	3.41	316.66	8,593.2	169.9	-160.3	-163.9	0.00	0.00	0.00
8,700.0	3.41	316.66	8,693.0	174.2	-164.4	-168.1	0.00	0.00	0.00
8,800.0	3.41	316.66	8,792.8	178.5	-168.5	-172.3	0.00	0.00	0.00
8,900.0	3.41	316.66	8,892.6	182.9	-172.5	-176.5	0.00	0.00	0.00
9,000.0	3.41	316.66	8,992.4	187.2	-176.6	-180.6	0.00	0.00	0.00
9,100.0	3.41	316.66	9,092.3	191.5	-180.7	-184.8	0.00	0.00	0.00
9,200.0	3.41	316.66	9,192.1	195.8	-184.8	-189.0	0.00	0.00	0.00
9,300.0	3.41	316.66	9,291.9	200.1	-188.8	-193.2	0.00	0.00	0.00
9,400.0	3.41	316.66	9,391.7	204.5	-192.9	-197.3	0.00	0.00	0.00
9,500.0	3.41	316.66	9,491.6	208.8	-197.0	-201.5	0.00	0.00	0.00
9,600.0	3.41	316.66	9,591.4	213.1	-201.1	-205.7	0.00	0.00	0.00
9,700.0	3.41	316.66	9,691.2	217.4	-205.2	-209.8	0.00	0.00	0.00
9,800.0	3.41	316.66	9,791.0	221.8	-209.2	-214.0	0.00	0.00	0.00
9,900.0	3.41	316.66	9,890.9	226.1	-213.3	-218.2	0.00	0.00	0.00
10,000.0	3.41	316.66	9,990.7	230.4	-217.4	-222.4	0.00	0.00	0.00
10,100.0	3.41	316.66	10,090.5	234.7	-221.5	-226.5	0.00	0.00	0.00
10,200.0	3.41	316.66	10,190.3	239.0	-225.6	-230.7	0.00	0.00	0.00
10,300.0	3.41	316.66	10,290.1	243.4	-229.6	-234.9	0.00	0.00	0.00
10,400.0	3.41	316.66	10,390.0	247.7	-233.7	-239.0	0.00	0.00	0.00
10,500.0	3.41	316.66	10,489.8	252.0	-237.8	-243.2	0.00	0.00	0.00
10,600.0	3.41	316.66	10,589.6	256.3	-241.9	-247.4	0.00	0.00	0.00



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10,700.0	3.41	316.66	10,689.4	260.7	-246.0	-251.6	0.00	0.00	0.00
10,800.0	3.41	316.66	10,789.3	265.0	-250.0	-255.7	0.00	0.00	0.00
10,900.0	3.41	316.66	10,889.1	269.3	-254.1	-259.9	0.00	0.00	0.00
11,000.0	3.41	316.66	10,988.9	273.6	-258.2	-264.1	0.00	0.00	0.00
11,100.0	3.41	316.66	11,088.7	278.0	-262.3	-268.2	0.00	0.00	0.00
11,200.0	3.41	316.66	11,188.6	282.3	-266.3	-272.4	0.00	0.00	0.00
11,300.0	3.41	316.66	11,288.4	286.6	-270.4	-276.6	0.00	0.00	0.00
11,400.0	3.41	316.66	11,388.2	290.9	-274.5	-280.8	0.00	0.00	0.00
11,500.0	3.41	316.66	11,488.0	295.2	-278.6	-284.9	0.00	0.00	0.00
11,600.0	3.41	316.66	11,587.8	299.6	-282.7	-289.1	0.00	0.00	0.00
11,700.0	3.41	316.66	11,687.7	303.9	-286.7	-293.3	0.00	0.00	0.00
11,800.0	3.41	316.66	11,787.5	308.2	-290.8	-297.5	0.00	0.00	0.00
11,900.0	3.41	316.66	11,887.3	312.5	-294.9	-301.6	0.00	0.00	0.00
12,000.0	3.41	316.66	11,987.1	316.9	-299.0	-305.8	0.00	0.00	0.00
12,109.2	3.41	316.66	12,096.2	321.6	-303.4	-310.4	0.00	0.00	0.00
12,125.0	2.40	284.15	12,111.9	322.0	-304.1	-310.7	12.00	-6.41	-206.23
12,150.0	3.33	223.60	12,136.9	321.6	-305.1	-310.3	12.00	3.75	-242.22
12,175.0	5.87	202.74	12,161.8	319.9	-306.1	-308.6	12.00	10.15	-83.44
12,200.0	8.71	194.88	12,186.6	316.9	-307.1	-305.5	12.00	11.34	-31.45
12,225.0	11.63	190.89	12,211.2	312.6	-308.0	-301.2	12.00	11.67	-15.93
12,250.0	14.58	188.50	12,235.6	307.0	-309.0	-295.6	12.00	11.80	-9.58
12,275.0	17.54	186.90	12,259.6	300.1	-309.9	-288.7	12.00	11.87	-6.40
12,300.0	20.52	185.75	12,283.2	292.0	-310.8	-280.6	12.00	11.91	-4.59
12,325.0	23.50	184.88	12,306.4	282.7	-311.6	-271.2	12.00	11.93	-3.47
12,350.0	26.49	184.20	12,329.1	272.2	-312.5	-260.7	12.00	11.94	-2.73
12,375.0	29.48	183.65	12,351.1	260.5	-313.3	-248.9	12.00	11.96	-2.21
12,400.0	32.47	183.19	12,372.6	247.6	-314.0	-236.1	12.00	11.96	-1.84
12,425.0	35.46	182.80	12,393.3	233.7	-314.8	-222.1	12.00	11.97	-1.56
12,450.0	38.45	182.46	12,413.3	218.7	-315.4	-207.1	12.00	11.97	-1.35
12,475.0	41.45	182.17	12,432.4	202.6	-316.1	-191.0	12.00	11.98	-1.18
12,500.0	44.44	181.90	12,450.7	185.6	-316.7	-174.0	12.00	11.98	-1.05
12,525.0	47.44	181.67	12,468.1	167.7	-317.3	-156.0	12.00	11.98	-0.94
12,550.0	50.43	181.46	12,484.5	148.8	-317.8	-137.2	12.00	11.98	-0.86
12,575.0	53.43	181.26	12,499.9	129.2	-318.2	-117.5	12.00	11.98	-0.78
12,600.0	56.43	181.08	12,514.3	108.7	-318.7	-97.1	12.00	11.99	-0.73
12,625.0	59.42	180.91	12,527.6	87.5	-319.0	-75.9	12.00	11.99	-0.68
12,650.0	62.42	180.75	12,539.7	65.7	-319.3	-54.0	12.00	11.99	-0.64
12,675.0	65.42	180.60	12,550.7	43.2	-319.6	-31.6	12.00	11.99	-0.60
12,693.1	67.59	180.49	12,557.9	26.6	-319.8	-15.0	12.00	11.99	-0.58
FTP (Hound 30 Fed #703H)									
12,700.0	68.41	180.46	12,560.5	20.2	-319.8	-8.6	12.00	11.99	-0.57
12,725.0	71.41	180.32	12,569.1	-3.2	-320.0	14.9	12.00	11.99	-0.55
12,750.0	74.41	180.19	12,576.5	-27.1	-320.1	38.7	12.00	11.99	-0.53
12,775.0	77.41	180.06	12,582.5	-51.4	-320.1	63.0	12.00	11.99	-0.52
12,800.0	80.40	179.93	12,587.4	-75.9	-320.1	87.5	12.00	11.99	-0.50
12,825.0	83.40	179.81	12,590.9	-100.7	-320.1	112.2	12.00	11.99	-0.50
12,850.0	86.40	179.68	12,593.1	-125.6	-320.0	137.1	12.00	11.99	-0.49
12,873.4	89.20	179.57	12,594.0	-148.9	-319.8	160.4	12.00	11.99	-0.49
12,900.0	89.20	179.57	12,594.4	-175.5	-319.6	187.0	0.00	0.00	0.00
13,000.0	89.20	179.57	12,595.8	-275.5	-318.9	286.9	0.00	0.00	0.00
13,100.0	89.20	179.57	12,597.2	-375.5	-318.1	386.8	0.00	0.00	0.00
13,200.0	89.20	179.57	12,598.6	-475.5	-317.4	486.7	0.00	0.00	0.00
13,300.0	89.20	179.57	12,599.9	-575.5	-316.6	586.6	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Hound 30 Fed
Well: #703H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well #703H
KB = 25' @ 3348.0usft
KB = 25' @ 3348.0usft
Grid
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)
13,400.0	89.20	179.57	12,601.3	-675.5	-315.9	686.5	0.00	0.00	0.00
13,500.0	89.20	179.57	12,602.7	-775.5	-315.1	786.4	0.00	0.00	0.00
13,600.0	89.20	179.57	12,604.1	-875.4	-314.4	886.3	0.00	0.00	0.00
13,700.0	89.20	179.57	12,605.5	-975.4	-313.6	986.2	0.00	0.00	0.00
13,800.0	89.20	179.57	12,606.9	-1,075.4	-312.9	1,086.1	0.00	0.00	0.00
13,900.0	89.20	179.57	12,608.3	-1,175.4	-312.1	1,186.0	0.00	0.00	0.00
14,000.0	89.20	179.57	12,609.7	-1,275.4	-311.4	1,285.9	0.00	0.00	0.00
14,100.0	89.20	179.57	12,611.1	-1,375.4	-310.6	1,385.8	0.00	0.00	0.00
14,200.0	89.20	179.57	12,612.5	-1,475.4	-309.8	1,485.6	0.00	0.00	0.00
14,300.0	89.20	179.57	12,613.9	-1,575.4	-309.1	1,585.5	0.00	0.00	0.00
14,400.0	89.20	179.57	12,615.3	-1,675.3	-308.3	1,685.4	0.00	0.00	0.00
14,500.0	89.20	179.57	12,616.7	-1,775.3	-307.6	1,785.3	0.00	0.00	0.00
14,600.0	89.20	179.57	12,618.1	-1,875.3	-306.8	1,885.2	0.00	0.00	0.00
14,700.0	89.20	179.57	12,619.5	-1,975.3	-306.1	1,985.1	0.00	0.00	0.00
14,800.0	89.20	179.57	12,620.9	-2,075.3	-305.3	2,085.0	0.00	0.00	0.00
14,900.0	89.20	179.57	12,622.3	-2,175.3	-304.6	2,184.9	0.00	0.00	0.00
15,000.0	89.20	179.57	12,623.7	-2,275.3	-303.8	2,284.8	0.00	0.00	0.00
15,100.0	89.20	179.57	12,625.1	-2,375.3	-303.1	2,384.7	0.00	0.00	0.00
15,200.0	89.20	179.57	12,626.5	-2,475.2	-302.3	2,484.6	0.00	0.00	0.00
15,300.0	89.20	179.57	12,627.9	-2,575.2	-301.6	2,584.5	0.00	0.00	0.00
15,400.0	89.20	179.57	12,629.3	-2,675.2	-300.8	2,684.4	0.00	0.00	0.00
15,500.0	89.20	179.57	12,630.7	-2,775.2	-300.1	2,784.3	0.00	0.00	0.00
15,600.0	89.20	179.57	12,632.1	-2,875.2	-299.3	2,884.2	0.00	0.00	0.00
15,700.0	89.20	179.57	12,633.5	-2,975.2	-298.6	2,984.1	0.00	0.00	0.00
15,800.0	89.20	179.57	12,634.9	-3,075.2	-297.8	3,084.0	0.00	0.00	0.00
15,900.0	89.20	179.57	12,636.2	-3,175.2	-297.1	3,183.9	0.00	0.00	0.00
16,000.0	89.20	179.57	12,637.6	-3,275.1	-296.3	3,283.7	0.00	0.00	0.00
16,100.0	89.20	179.57	12,639.0	-3,375.1	-295.6	3,383.6	0.00	0.00	0.00
16,200.0	89.20	179.57	12,640.4	-3,475.1	-294.8	3,483.5	0.00	0.00	0.00
16,300.0	89.20	179.57	12,641.8	-3,575.1	-294.1	3,583.4	0.00	0.00	0.00
16,400.0	89.20	179.57	12,643.2	-3,675.1	-293.3	3,683.3	0.00	0.00	0.00
16,500.0	89.20	179.57	12,644.6	-3,775.1	-292.6	3,783.2	0.00	0.00	0.00
16,600.0	89.20	179.57	12,646.0	-3,875.1	-291.8	3,883.1	0.00	0.00	0.00
16,700.0	89.20	179.57	12,647.4	-3,975.1	-291.1	3,983.0	0.00	0.00	0.00
16,800.0	89.20	179.57	12,648.8	-4,075.0	-290.3	4,082.9	0.00	0.00	0.00
16,900.0	89.20	179.57	12,650.2	-4,175.0	-289.6	4,182.8	0.00	0.00	0.00
17,000.0	89.20	179.57	12,651.6	-4,275.0	-288.8	4,282.7	0.00	0.00	0.00
17,100.0	89.20	179.57	12,653.0	-4,375.0	-288.1	4,382.6	0.00	0.00	0.00
17,200.0	89.20	179.57	12,654.4	-4,475.0	-287.3	4,482.5	0.00	0.00	0.00
17,300.0	89.20	179.57	12,655.8	-4,575.0	-286.6	4,582.4	0.00	0.00	0.00
17,400.0	89.20	179.57	12,657.2	-4,675.0	-285.8	4,682.3	0.00	0.00	0.00
17,500.0	89.20	179.57	12,658.6	-4,775.0	-285.1	4,782.2	0.00	0.00	0.00
17,600.0	89.20	179.57	12,660.0	-4,874.9	-284.3	4,882.1	0.00	0.00	0.00
17,700.0	89.20	179.57	12,661.4	-4,974.9	-283.6	4,981.9	0.00	0.00	0.00
17,800.0	89.20	179.57	12,662.8	-5,074.9	-282.8	5,081.8	0.00	0.00	0.00
17,900.0	89.20	179.57	12,664.2	-5,174.9	-282.1	5,181.7	0.00	0.00	0.00
18,000.0	89.20	179.57	12,665.6	-5,274.9	-281.3	5,281.6	0.00	0.00	0.00
18,100.0	89.20	179.57	12,667.0	-5,374.9	-280.6	5,381.5	0.00	0.00	0.00
18,200.0	89.20	179.57	12,668.4	-5,474.9	-279.8	5,481.4	0.00	0.00	0.00
18,300.0	89.20	179.57	12,669.8	-5,574.9	-279.1	5,581.3	0.00	0.00	0.00
18,400.0	89.20	179.57	12,671.2	-5,674.8	-278.3	5,681.2	0.00	0.00	0.00
18,500.0	89.20	179.57	12,672.6	-5,774.8	-277.6	5,781.1	0.00	0.00	0.00
18,600.0	89.20	179.57	12,673.9	-5,874.8	-276.8	5,881.0	0.00	0.00	0.00
18,700.0	89.20	179.57	12,675.3	-5,974.8	-276.1	5,980.9	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Hound 30 Fed
Well: #703H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 25' @ 3348.0usft
MD Reference: KB = 25' @ 3348.0usft
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)
18,800.0	89.20	179.57	12,676.7	-6,074.8	-275.3	6,080.8	0.00	0.00	0.00
18,900.0	89.20	179.57	12,678.1	-6,174.8	-274.6	6,180.7	0.00	0.00	0.00
19,000.0	89.20	179.57	12,679.5	-6,274.8	-273.8	6,280.6	0.00	0.00	0.00
19,100.0	89.20	179.57	12,680.9	-6,374.8	-273.1	6,380.5	0.00	0.00	0.00
19,200.0	89.20	179.57	12,682.3	-6,474.7	-272.3	6,480.4	0.00	0.00	0.00
19,300.0	89.20	179.57	12,683.7	-6,574.7	-271.6	6,580.3	0.00	0.00	0.00
19,400.0	89.20	179.57	12,685.1	-6,674.7	-270.8	6,680.1	0.00	0.00	0.00
19,500.0	89.20	179.57	12,686.5	-6,774.7	-270.1	6,780.0	0.00	0.00	0.00
19,600.0	89.20	179.57	12,687.9	-6,874.7	-269.3	6,879.9	0.00	0.00	0.00
19,700.0	89.20	179.57	12,689.3	-6,974.7	-268.6	6,979.8	0.00	0.00	0.00
19,800.0	89.20	179.57	12,690.7	-7,074.7	-267.8	7,079.7	0.00	0.00	0.00
19,900.0	89.20	179.57	12,692.1	-7,174.7	-267.1	7,179.6	0.00	0.00	0.00
20,000.0	89.20	179.57	12,693.5	-7,274.6	-266.3	7,279.5	0.00	0.00	0.00
20,043.4	89.20	179.57	12,694.1	-7,318.0	-266.0	7,322.8	0.00	0.00	0.00

PBHL (Hound 30 Fed #703H)

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
FTP (Hound 30 Fed #70 - plan misses target center by 39.2usft at 12693.1usft MD (12557.9 TVD, 26.6 N, -319.8 E) - Point	0.00	0.00	12,594.0	42.0	-321.0	401,244.00	754,418.00	32° 6' 1.695 N	103° 30' 42.232 W
PBHL (Hound 30 Fed #7 - plan hits target center - Point	0.00	0.00	12,694.1	-7,318.0	-266.0	393,884.00	754,473.00	32° 4' 48.860 N	103° 30' 42.245 W