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EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Hound 30 Fed

#704H

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: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
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 #704H
Well Position **+N/-S** 96.0 usft **Northing:** 401,218.00 usft **Latitude:** 32° 6' 1.412 N
+E/-W 1,351.0 usft **Easting:** 754,765.00 usft **Longitude:** 103° 30' 38.201 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)** **+N/-S** **+E/-W** **Direction**
 (usft) (usft) (usft) (°)
 0.0 0.0 0.0 177.12

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	
4,827.4	3.27	43.16	4,827.2	6.8	6.4	1.00	1.00	0.00	43.16	
12,112.3	3.27	43.16	12,100.2	310.3	291.0	0.00	0.00	0.00	0.00	
12,875.4	89.20	179.56	12,597.0	-159.9	313.9	12.00	11.26	17.87	136.39	
20,045.4	89.20	179.56	12,697.1	-7,329.0	369.0	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	43.16	4,600.0	0.6	0.6	-0.6	1.00	1.00	0.00
4,700.0	2.00	43.16	4,700.0	2.5	2.4	-2.4	1.00	1.00	0.00
4,800.0	3.00	43.16	4,799.9	5.7	5.4	-5.5	1.00	1.00	0.00
4,827.4	3.27	43.16	4,827.2	6.8	6.4	-6.5	1.00	1.00	0.00
4,900.0	3.27	43.16	4,899.7	9.8	9.2	-9.4	0.00	0.00	0.00
5,000.0	3.27	43.16	4,999.5	14.0	13.1	-13.3	0.00	0.00	0.00
5,100.0	3.27	43.16	5,099.4	18.2	17.0	-17.3	0.00	0.00	0.00
5,200.0	3.27	43.16	5,199.2	22.3	21.0	-21.3	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)
5,300.0	3.27	43.16	5,299.1	26.5	24.9	-25.2	0.00	0.00	0.00
5,400.0	3.27	43.16	5,398.9	30.7	28.8	-29.2	0.00	0.00	0.00
5,500.0	3.27	43.16	5,498.7	34.8	32.7	-33.2	0.00	0.00	0.00
5,600.0	3.27	43.16	5,598.6	39.0	36.6	-37.1	0.00	0.00	0.00
5,700.0	3.27	43.16	5,698.4	43.2	40.5	-41.1	0.00	0.00	0.00
5,800.0	3.27	43.16	5,798.2	47.3	44.4	-45.1	0.00	0.00	0.00
5,900.0	3.27	43.16	5,898.1	51.5	48.3	-49.0	0.00	0.00	0.00
6,000.0	3.27	43.16	5,997.9	55.7	52.2	-53.0	0.00	0.00	0.00
6,100.0	3.27	43.16	6,097.7	59.8	56.1	-56.9	0.00	0.00	0.00
6,200.0	3.27	43.16	6,197.6	64.0	60.0	-60.9	0.00	0.00	0.00
6,300.0	3.27	43.16	6,297.4	68.2	63.9	-64.9	0.00	0.00	0.00
6,400.0	3.27	43.16	6,397.3	72.3	67.8	-68.8	0.00	0.00	0.00
6,500.0	3.27	43.16	6,497.1	76.5	71.7	-72.8	0.00	0.00	0.00
6,600.0	3.27	43.16	6,596.9	80.7	75.6	-76.8	0.00	0.00	0.00
6,700.0	3.27	43.16	6,696.8	84.8	79.6	-80.7	0.00	0.00	0.00
6,800.0	3.27	43.16	6,796.6	89.0	83.5	-84.7	0.00	0.00	0.00
6,900.0	3.27	43.16	6,896.4	93.2	87.4	-88.7	0.00	0.00	0.00
7,000.0	3.27	43.16	6,996.3	97.3	91.3	-92.6	0.00	0.00	0.00
7,100.0	3.27	43.16	7,096.1	101.5	95.2	-96.6	0.00	0.00	0.00
7,200.0	3.27	43.16	7,195.9	105.7	99.1	-100.6	0.00	0.00	0.00
7,300.0	3.27	43.16	7,295.8	109.8	103.0	-104.5	0.00	0.00	0.00
7,400.0	3.27	43.16	7,395.6	114.0	106.9	-108.5	0.00	0.00	0.00
7,500.0	3.27	43.16	7,495.5	118.2	110.8	-112.4	0.00	0.00	0.00
7,600.0	3.27	43.16	7,595.3	122.3	114.7	-116.4	0.00	0.00	0.00
7,700.0	3.27	43.16	7,695.1	126.5	118.6	-120.4	0.00	0.00	0.00
7,800.0	3.27	43.16	7,795.0	130.7	122.5	-124.3	0.00	0.00	0.00
7,900.0	3.27	43.16	7,894.8	134.8	126.4	-128.3	0.00	0.00	0.00
8,000.0	3.27	43.16	7,994.6	139.0	130.3	-132.3	0.00	0.00	0.00
8,100.0	3.27	43.16	8,094.5	143.2	134.3	-136.2	0.00	0.00	0.00
8,200.0	3.27	43.16	8,194.3	147.3	138.2	-140.2	0.00	0.00	0.00
8,300.0	3.27	43.16	8,294.2	151.5	142.1	-144.2	0.00	0.00	0.00
8,400.0	3.27	43.16	8,394.0	155.7	146.0	-148.1	0.00	0.00	0.00
8,500.0	3.27	43.16	8,493.8	159.8	149.9	-152.1	0.00	0.00	0.00
8,600.0	3.27	43.16	8,593.7	164.0	153.8	-156.1	0.00	0.00	0.00
8,700.0	3.27	43.16	8,693.5	168.2	157.7	-160.0	0.00	0.00	0.00
8,800.0	3.27	43.16	8,793.3	172.3	161.6	-164.0	0.00	0.00	0.00
8,900.0	3.27	43.16	8,893.2	176.5	165.5	-168.0	0.00	0.00	0.00
9,000.0	3.27	43.16	8,993.0	180.7	169.4	-171.9	0.00	0.00	0.00
9,100.0	3.27	43.16	9,092.8	184.8	173.3	-175.9	0.00	0.00	0.00
9,200.0	3.27	43.16	9,192.7	189.0	177.2	-179.8	0.00	0.00	0.00
9,300.0	3.27	43.16	9,292.5	193.2	181.1	-183.8	0.00	0.00	0.00
9,400.0	3.27	43.16	9,392.4	197.3	185.0	-187.8	0.00	0.00	0.00
9,500.0	3.27	43.16	9,492.2	201.5	188.9	-191.7	0.00	0.00	0.00
9,600.0	3.27	43.16	9,592.0	205.7	192.9	-195.7	0.00	0.00	0.00
9,700.0	3.27	43.16	9,691.9	209.8	196.8	-199.7	0.00	0.00	0.00
9,800.0	3.27	43.16	9,791.7	214.0	200.7	-203.6	0.00	0.00	0.00
9,900.0	3.27	43.16	9,891.5	218.2	204.6	-207.6	0.00	0.00	0.00
10,000.0	3.27	43.16	9,991.4	222.3	208.5	-211.6	0.00	0.00	0.00
10,100.0	3.27	43.16	10,091.2	226.5	212.4	-215.5	0.00	0.00	0.00
10,200.0	3.27	43.16	10,191.1	230.7	216.3	-219.5	0.00	0.00	0.00
10,300.0	3.27	43.16	10,290.9	234.8	220.2	-223.5	0.00	0.00	0.00
10,400.0	3.27	43.16	10,390.7	239.0	224.1	-227.4	0.00	0.00	0.00
10,500.0	3.27	43.16	10,490.6	243.2	228.0	-231.4	0.00	0.00	0.00
10,600.0	3.27	43.16	10,590.4	247.3	231.9	-235.3	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)
10,700.0	3.27	43.16	10,690.2	251.5	235.8	-239.3	0.00	0.00	0.00
10,800.0	3.27	43.16	10,790.1	255.7	239.7	-243.3	0.00	0.00	0.00
10,900.0	3.27	43.16	10,889.9	259.8	243.6	-247.2	0.00	0.00	0.00
11,000.0	3.27	43.16	10,989.7	264.0	247.5	-251.2	0.00	0.00	0.00
11,100.0	3.27	43.16	11,089.6	268.2	251.5	-255.2	0.00	0.00	0.00
11,200.0	3.27	43.16	11,189.4	272.3	255.4	-259.1	0.00	0.00	0.00
11,300.0	3.27	43.16	11,289.3	276.5	259.3	-263.1	0.00	0.00	0.00
11,400.0	3.27	43.16	11,389.1	280.7	263.2	-267.1	0.00	0.00	0.00
11,500.0	3.27	43.16	11,488.9	284.8	267.1	-271.0	0.00	0.00	0.00
11,600.0	3.27	43.16	11,588.8	289.0	271.0	-275.0	0.00	0.00	0.00
11,700.0	3.27	43.16	11,688.6	293.2	274.9	-279.0	0.00	0.00	0.00
11,800.0	3.27	43.16	11,788.4	297.3	278.8	-282.9	0.00	0.00	0.00
11,900.0	3.27	43.16	11,888.3	301.5	282.7	-286.9	0.00	0.00	0.00
12,000.0	3.27	43.16	11,988.1	305.7	286.6	-290.9	0.00	0.00	0.00
12,100.0	3.27	43.16	12,088.0	309.8	290.5	-294.8	0.00	0.00	0.00
12,112.3	3.27	43.16	12,100.2	310.3	291.0	-295.3	0.00	0.00	0.00
12,125.0	2.41	69.09	12,112.9	310.7	291.5	-295.6	12.00	-6.78	203.67
12,150.0	3.12	133.29	12,137.9	310.4	292.5	-295.3	12.00	2.84	256.80
12,175.0	5.63	156.00	12,162.8	308.8	293.5	-293.7	12.00	10.02	90.86
12,200.0	8.46	164.22	12,187.6	305.9	294.5	-290.7	12.00	11.33	32.87
12,225.0	11.38	168.29	12,212.3	301.7	295.5	-286.5	12.00	11.67	16.29
12,250.0	14.33	170.71	12,236.6	296.3	296.5	-281.0	12.00	11.81	9.68
12,275.0	17.30	172.32	12,260.7	289.5	297.5	-274.2	12.00	11.87	6.42
12,300.0	20.28	173.47	12,284.3	281.5	298.5	-266.2	12.00	11.91	4.59
12,325.0	23.26	174.33	12,307.6	272.3	299.5	-256.9	12.00	11.93	3.45
12,350.0	26.25	175.00	12,330.3	261.9	300.4	-246.5	12.00	11.95	2.71
12,375.0	29.24	175.55	12,352.4	250.3	301.4	-234.8	12.00	11.96	2.19
12,400.0	32.23	176.01	12,373.9	237.6	302.3	-222.1	12.00	11.96	1.81
12,425.0	35.22	176.39	12,394.7	223.7	303.2	-208.2	12.00	11.97	1.54
12,450.0	38.21	176.72	12,414.7	208.8	304.1	-193.3	12.00	11.97	1.32
12,475.0	41.21	177.01	12,433.9	192.9	305.0	-177.3	12.00	11.98	1.16
12,500.0	44.20	177.27	12,452.3	175.9	305.8	-160.3	12.00	11.98	1.03
12,525.0	47.20	177.50	12,469.8	158.1	306.7	-142.4	12.00	11.98	0.92
12,550.0	50.19	177.71	12,486.3	139.3	307.4	-123.7	12.00	11.98	0.84
12,575.0	53.19	177.90	12,501.7	119.7	308.2	-104.0	12.00	11.98	0.77
12,600.0	56.19	178.08	12,516.2	99.3	308.9	-83.7	12.00	11.99	0.71
12,625.0	59.18	178.24	12,529.6	78.2	309.6	-62.5	12.00	11.99	0.66
12,650.0	62.18	178.40	12,541.8	56.4	310.2	-40.7	12.00	11.99	0.62
12,675.0	65.18	178.55	12,552.9	34.0	310.8	-18.3	12.00	11.99	0.59
12,695.3	67.61	178.66	12,561.0	15.4	311.3	0.2	12.00	11.99	0.56
FTP (Hound 30 Fed #704H)									
12,700.0	68.17	178.69	12,562.8	11.1	311.4	4.6	12.00	11.99	0.55
12,725.0	71.17	178.82	12,571.5	-12.4	311.9	28.0	12.00	11.99	0.54
12,750.0	74.17	178.95	12,578.9	-36.2	312.3	51.9	12.00	11.99	0.52
12,775.0	77.17	179.08	12,585.1	-60.4	312.8	76.1	12.00	11.99	0.50
12,800.0	80.16	179.20	12,590.0	-84.9	313.1	100.6	12.00	11.99	0.49
12,825.0	83.16	179.32	12,593.6	-109.7	313.5	125.3	12.00	11.99	0.48
12,850.0	86.16	179.44	12,596.0	-134.6	313.7	150.2	12.00	11.99	0.48
12,875.4	89.20	179.56	12,597.0	-159.9	313.9	175.5	12.00	11.99	0.47
12,900.0	89.20	179.56	12,597.3	-184.5	314.1	200.1	0.00	0.00	0.00
13,000.0	89.20	179.56	12,598.7	-284.5	314.9	300.0	0.00	0.00	0.00
13,100.0	89.20	179.56	12,600.1	-384.5	315.7	399.9	0.00	0.00	0.00
13,200.0	89.20	179.56	12,601.5	-484.5	316.4	499.8	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: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
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)
13,300.0	89.20	179.56	12,602.9	-584.5	317.2	599.7	0.00	0.00	0.00
13,400.0	89.20	179.56	12,604.3	-684.5	318.0	699.6	0.00	0.00	0.00
13,500.0	89.20	179.56	12,605.7	-784.5	318.7	799.5	0.00	0.00	0.00
13,600.0	89.20	179.56	12,607.1	-884.4	319.5	899.4	0.00	0.00	0.00
13,700.0	89.20	179.56	12,608.5	-984.4	320.3	999.3	0.00	0.00	0.00
13,800.0	89.20	179.56	12,609.9	-1,084.4	321.0	1,099.2	0.00	0.00	0.00
13,900.0	89.20	179.56	12,611.3	-1,184.4	321.8	1,199.1	0.00	0.00	0.00
14,000.0	89.20	179.56	12,612.7	-1,284.4	322.6	1,299.0	0.00	0.00	0.00
14,100.0	89.20	179.56	12,614.1	-1,384.4	323.3	1,398.9	0.00	0.00	0.00
14,200.0	89.20	179.56	12,615.5	-1,484.4	324.1	1,498.8	0.00	0.00	0.00
14,300.0	89.20	179.56	12,616.9	-1,584.4	324.9	1,598.7	0.00	0.00	0.00
14,400.0	89.20	179.56	12,618.3	-1,684.3	325.7	1,698.6	0.00	0.00	0.00
14,500.0	89.20	179.56	12,619.7	-1,784.3	326.4	1,798.5	0.00	0.00	0.00
14,600.0	89.20	179.56	12,621.1	-1,884.3	327.2	1,898.4	0.00	0.00	0.00
14,700.0	89.20	179.56	12,622.5	-1,984.3	328.0	1,998.3	0.00	0.00	0.00
14,800.0	89.20	179.56	12,623.9	-2,084.3	328.7	2,098.2	0.00	0.00	0.00
14,900.0	89.20	179.56	12,625.3	-2,184.3	329.5	2,198.1	0.00	0.00	0.00
15,000.0	89.20	179.56	12,626.7	-2,284.3	330.3	2,298.0	0.00	0.00	0.00
15,100.0	89.20	179.56	12,628.1	-2,384.3	331.0	2,397.9	0.00	0.00	0.00
15,200.0	89.20	179.56	12,629.4	-2,484.2	331.8	2,497.8	0.00	0.00	0.00
15,300.0	89.20	179.56	12,630.8	-2,584.2	332.6	2,597.7	0.00	0.00	0.00
15,400.0	89.20	179.56	12,632.2	-2,684.2	333.3	2,697.6	0.00	0.00	0.00
15,500.0	89.20	179.56	12,633.6	-2,784.2	334.1	2,797.5	0.00	0.00	0.00
15,600.0	89.20	179.56	12,635.0	-2,884.2	334.9	2,897.4	0.00	0.00	0.00
15,700.0	89.20	179.56	12,636.4	-2,984.2	335.6	2,997.3	0.00	0.00	0.00
15,800.0	89.20	179.56	12,637.8	-3,084.2	336.4	3,097.2	0.00	0.00	0.00
15,900.0	89.20	179.56	12,639.2	-3,184.2	337.2	3,197.1	0.00	0.00	0.00
16,000.0	89.20	179.56	12,640.6	-3,284.1	337.9	3,297.0	0.00	0.00	0.00
16,100.0	89.20	179.56	12,642.0	-3,384.1	338.7	3,396.9	0.00	0.00	0.00
16,200.0	89.20	179.56	12,643.4	-3,484.1	339.5	3,496.8	0.00	0.00	0.00
16,300.0	89.20	179.56	12,644.8	-3,584.1	340.2	3,596.7	0.00	0.00	0.00
16,400.0	89.20	179.56	12,646.2	-3,684.1	341.0	3,696.6	0.00	0.00	0.00
16,500.0	89.20	179.56	12,647.6	-3,784.1	341.8	3,796.5	0.00	0.00	0.00
16,600.0	89.20	179.56	12,649.0	-3,884.1	342.5	3,896.4	0.00	0.00	0.00
16,700.0	89.20	179.56	12,650.4	-3,984.1	343.3	3,996.3	0.00	0.00	0.00
16,800.0	89.20	179.56	12,651.8	-4,084.0	344.1	4,096.2	0.00	0.00	0.00
16,900.0	89.20	179.56	12,653.2	-4,184.0	344.8	4,196.1	0.00	0.00	0.00
17,000.0	89.20	179.56	12,654.6	-4,284.0	345.6	4,296.0	0.00	0.00	0.00
17,100.0	89.20	179.56	12,656.0	-4,384.0	346.4	4,395.9	0.00	0.00	0.00
17,200.0	89.20	179.56	12,657.4	-4,484.0	347.2	4,495.8	0.00	0.00	0.00
17,300.0	89.20	179.56	12,658.8	-4,584.0	347.9	4,595.7	0.00	0.00	0.00
17,400.0	89.20	179.56	12,660.2	-4,684.0	348.7	4,695.6	0.00	0.00	0.00
17,500.0	89.20	179.56	12,661.6	-4,784.0	349.5	4,795.5	0.00	0.00	0.00
17,600.0	89.20	179.56	12,663.0	-4,883.9	350.2	4,895.4	0.00	0.00	0.00
17,700.0	89.20	179.56	12,664.4	-4,983.9	351.0	4,995.3	0.00	0.00	0.00
17,800.0	89.20	179.56	12,665.7	-5,083.9	351.8	5,095.2	0.00	0.00	0.00
17,900.0	89.20	179.56	12,667.1	-5,183.9	352.5	5,195.1	0.00	0.00	0.00
18,000.0	89.20	179.56	12,668.5	-5,283.9	353.3	5,295.0	0.00	0.00	0.00
18,100.0	89.20	179.56	12,669.9	-5,383.9	354.1	5,394.9	0.00	0.00	0.00
18,200.0	89.20	179.56	12,671.3	-5,483.9	354.8	5,494.8	0.00	0.00	0.00
18,300.0	89.20	179.56	12,672.7	-5,583.9	355.6	5,594.7	0.00	0.00	0.00
18,400.0	89.20	179.56	12,674.1	-5,683.8	356.4	5,694.6	0.00	0.00	0.00
18,500.0	89.20	179.56	12,675.5	-5,783.8	357.1	5,794.5	0.00	0.00	0.00
18,600.0	89.20	179.56	12,676.9	-5,883.8	357.9	5,894.4	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

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Site: Hound 30 Fed
Well: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
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)
18,700.0	89.20	179.56	12,678.3	-5,983.8	358.7	5,994.3	0.00	0.00	0.00
18,800.0	89.20	179.56	12,679.7	-6,083.8	359.4	6,094.2	0.00	0.00	0.00
18,900.0	89.20	179.56	12,681.1	-6,183.8	360.2	6,194.1	0.00	0.00	0.00
19,000.0	89.20	179.56	12,682.5	-6,283.8	361.0	6,294.0	0.00	0.00	0.00
19,100.0	89.20	179.56	12,683.9	-6,383.8	361.7	6,393.9	0.00	0.00	0.00
19,200.0	89.20	179.56	12,685.3	-6,483.7	362.5	6,493.8	0.00	0.00	0.00
19,300.0	89.20	179.56	12,686.7	-6,583.7	363.3	6,593.7	0.00	0.00	0.00
19,400.0	89.20	179.56	12,688.1	-6,683.7	364.0	6,693.6	0.00	0.00	0.00
19,500.0	89.20	179.56	12,689.5	-6,783.7	364.8	6,793.5	0.00	0.00	0.00
19,600.0	89.20	179.56	12,690.9	-6,883.7	365.6	6,893.4	0.00	0.00	0.00
19,700.0	89.20	179.56	12,692.3	-6,983.7	366.3	6,993.3	0.00	0.00	0.00
19,800.0	89.20	179.56	12,693.7	-7,083.7	367.1	7,093.2	0.00	0.00	0.00
19,900.0	89.20	179.56	12,695.1	-7,183.6	367.9	7,193.1	0.00	0.00	0.00
20,000.0	89.20	179.56	12,696.5	-7,283.6	368.7	7,293.0	0.00	0.00	0.00
20,045.4	89.20	179.56	12,697.1	-7,329.0	369.0	7,338.3	0.00	0.00	0.00

PBHL (Hound 30 Fed #704H)

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (Hound 30 Fed #70)	0.00	0.00	12,597.0	31.0	313.0	401,249.00	755,078.00	32° 6' 1.695 N	103° 30' 34.560 W
- hit/miss target									
- plan misses target center by 39.3usft at 12695.3usft MD (12561.0 TVD, 15.4 N, 311.3 E)									
- Point									
PBHL (Hound 30 Fed #7)	0.00	0.00	12,697.1	-7,329.0	369.0	393,889.00	755,134.00	32° 4' 48.859 N	103° 30' 34.562 W
- plan hits target center									
- Point									