



HOBBS OCD

FEB 06 2017

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EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Hound 30 Fed

#702H

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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3342.0usft
MD Reference: KB = 25' @ 3342.0usft
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:	Map	Northing:	401,122.00 usft
From:		Easting:	753,414.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 6' 0.564 N
		Longitude:	103° 30' 53.914 W
		Grid Convergence:	0.43 °

Well	#702H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	30.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 6' 0.562 N
		Longitude:	103° 30' 53.566 W
		Ground Level:	3,317.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2015	8/22/2016	7.01
			Dip Angle
			(°)
			Field Strength
			(nT)
			59.97
			47,955

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
			(°)
			177.08

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(usft)	(°)	(°)	(usft)	(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	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,880.7	3.81	36.39	4,880.5	10.2	7.5	1.00	1.00	0.00	36.39	
12,099.8	3.81	36.39	12,083.6	396.1	291.9	0.00	0.00	0.00	0.00	
12,868.5	89.20	179.57	12,586.0	-73.9	315.2	12.00	11.11	18.63	143.15	
20,038.5	89.20	179.57	12,686.1	-7,243.0	369.0	0.00	0.00	0.00	0.00	PBHL (Hound 30 Fed)



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 Wellbore: OH
 Design: Plan #0.1

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

Well #702H
 KB = 25' @ 3342.0usft
 KB = 25' @ 3342.0usft
 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)
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	36.39	4,600.0	0.7	0.5	-0.7	1.00	1.00	0.00
4,700.0	2.00	36.39	4,700.0	2.8	2.1	-2.7	1.00	1.00	0.00
4,800.0	3.00	36.39	4,799.9	6.3	4.7	-6.1	1.00	1.00	0.00
4,880.7	3.81	36.39	4,880.5	10.2	7.5	-9.8	1.00	1.00	0.00
4,900.0	3.81	36.39	4,899.7	11.2	8.3	-10.8	0.00	0.00	0.00
5,000.0	3.81	36.39	4,999.5	16.6	12.2	-15.9	0.00	0.00	0.00
5,100.0	3.81	36.39	5,099.2	21.9	16.1	-21.1	0.00	0.00	0.00
5,200.0	3.81	36.39	5,199.0	27.2	20.1	-26.2	0.00	0.00	0.00



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5,300.0	3.81	36.39	5,298.8	32.6	24.0	-31.3	0.00	0.00	0.00	
5,400.0	3.81	36.39	5,398.6	37.9	28.0	-36.5	0.00	0.00	0.00	
5,500.0	3.81	36.39	5,498.4	43.3	31.9	-41.6	0.00	0.00	0.00	
5,600.0	3.81	36.39	5,598.1	48.6	35.8	-46.7	0.00	0.00	0.00	
5,700.0	3.81	36.39	5,697.9	54.0	39.8	-51.9	0.00	0.00	0.00	
5,800.0	3.81	36.39	5,797.7	59.3	43.7	-57.0	0.00	0.00	0.00	
5,900.0	3.81	36.39	5,897.5	64.7	47.7	-62.2	0.00	0.00	0.00	
6,000.0	3.81	36.39	5,997.2	70.0	51.6	-67.3	0.00	0.00	0.00	
6,100.0	3.81	36.39	6,097.0	75.4	55.5	-72.4	0.00	0.00	0.00	
6,200.0	3.81	36.39	6,196.8	80.7	59.5	-77.6	0.00	0.00	0.00	
6,300.0	3.81	36.39	6,296.6	86.0	63.4	-82.7	0.00	0.00	0.00	
6,400.0	3.81	36.39	6,396.4	91.4	67.4	-87.8	0.00	0.00	0.00	
6,500.0	3.81	36.39	6,496.1	96.7	71.3	-93.0	0.00	0.00	0.00	
6,600.0	3.81	36.39	6,595.9	102.1	75.2	-98.1	0.00	0.00	0.00	
6,700.0	3.81	36.39	6,695.7	107.4	79.2	-103.3	0.00	0.00	0.00	
6,800.0	3.81	36.39	6,795.5	112.8	83.1	-108.4	0.00	0.00	0.00	
6,900.0	3.81	36.39	6,895.3	118.1	87.1	-113.5	0.00	0.00	0.00	
7,000.0	3.81	36.39	6,995.0	123.5	91.0	-118.7	0.00	0.00	0.00	
7,100.0	3.81	36.39	7,094.8	128.8	94.9	-123.8	0.00	0.00	0.00	
7,200.0	3.81	36.39	7,194.6	134.2	98.9	-128.9	0.00	0.00	0.00	
7,300.0	3.81	36.39	7,294.4	139.5	102.8	-134.1	0.00	0.00	0.00	
7,400.0	3.81	36.39	7,394.2	144.8	106.8	-139.2	0.00	0.00	0.00	
7,500.0	3.81	36.39	7,493.9	150.2	110.7	-144.4	0.00	0.00	0.00	
7,600.0	3.81	36.39	7,593.7	155.5	114.6	-149.5	0.00	0.00	0.00	
7,700.0	3.81	36.39	7,693.5	160.9	118.6	-154.6	0.00	0.00	0.00	
7,800.0	3.81	36.39	7,793.3	166.2	122.5	-159.8	0.00	0.00	0.00	
7,900.0	3.81	36.39	7,893.1	171.6	126.5	-164.9	0.00	0.00	0.00	
8,000.0	3.81	36.39	7,992.8	176.9	130.4	-170.1	0.00	0.00	0.00	
8,100.0	3.81	36.39	8,092.6	182.3	134.3	-175.2	0.00	0.00	0.00	
8,200.0	3.81	36.39	8,192.4	187.6	138.3	-180.3	0.00	0.00	0.00	
8,300.0	3.81	36.39	8,292.2	193.0	142.2	-185.5	0.00	0.00	0.00	
8,400.0	3.81	36.39	8,392.0	198.3	146.1	-190.6	0.00	0.00	0.00	
8,500.0	3.81	36.39	8,491.7	203.6	150.1	-195.7	0.00	0.00	0.00	
8,600.0	3.81	36.39	8,591.5	209.0	154.0	-200.9	0.00	0.00	0.00	
8,700.0	3.81	36.39	8,691.3	214.3	158.0	-206.0	0.00	0.00	0.00	
8,800.0	3.81	36.39	8,791.1	219.7	161.9	-211.2	0.00	0.00	0.00	
8,900.0	3.81	36.39	8,890.8	225.0	165.8	-216.3	0.00	0.00	0.00	
9,000.0	3.81	36.39	8,990.6	230.4	169.8	-221.4	0.00	0.00	0.00	
9,100.0	3.81	36.39	9,090.4	235.7	173.7	-226.6	0.00	0.00	0.00	
9,200.0	3.81	36.39	9,190.2	241.1	177.7	-231.7	0.00	0.00	0.00	
9,300.0	3.81	36.39	9,290.0	246.4	181.6	-236.8	0.00	0.00	0.00	
9,400.0	3.81	36.39	9,389.7	251.8	185.5	-242.0	0.00	0.00	0.00	
9,500.0	3.81	36.39	9,489.5	257.1	189.5	-247.1	0.00	0.00	0.00	
9,600.0	3.81	36.39	9,589.3	262.4	193.4	-252.3	0.00	0.00	0.00	
9,700.0	3.81	36.39	9,689.1	267.8	197.4	-257.4	0.00	0.00	0.00	
9,800.0	3.81	36.39	9,788.9	273.1	201.3	-262.5	0.00	0.00	0.00	
9,900.0	3.81	36.39	9,888.6	278.5	205.2	-267.7	0.00	0.00	0.00	
10,000.0	3.81	36.39	9,988.4	283.8	209.2	-272.8	0.00	0.00	0.00	
10,100.0	3.81	36.39	10,088.2	289.2	213.1	-278.0	0.00	0.00	0.00	
10,200.0	3.81	36.39	10,188.0	294.5	217.1	-283.1	0.00	0.00	0.00	
10,300.0	3.81	36.39	10,287.8	299.9	221.0	-288.2	0.00	0.00	0.00	
10,400.0	3.81	36.39	10,387.5	305.2	224.9	-293.4	0.00	0.00	0.00	
10,500.0	3.81	36.39	10,487.3	310.6	228.9	-298.5	0.00	0.00	0.00	
10,600.0	3.81	36.39	10,587.1	315.9	232.8	-303.6	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	3.81	36.39	10,686.9	321.2	236.8	-308.8	0.00	0.00	0.00
10,800.0	3.81	36.39	10,786.7	326.6	240.7	-313.9	0.00	0.00	0.00
10,900.0	3.81	36.39	10,886.4	331.9	244.6	-319.1	0.00	0.00	0.00
11,000.0	3.81	36.39	10,986.2	337.3	248.6	-324.2	0.00	0.00	0.00
11,100.0	3.81	36.39	11,086.0	342.6	252.5	-329.3	0.00	0.00	0.00
11,200.0	3.81	36.39	11,185.8	348.0	256.5	-334.5	0.00	0.00	0.00
11,300.0	3.81	36.39	11,285.6	353.3	260.4	-339.6	0.00	0.00	0.00
11,400.0	3.81	36.39	11,385.3	358.7	264.3	-344.7	0.00	0.00	0.00
11,500.0	3.81	36.39	11,485.1	364.0	268.3	-349.9	0.00	0.00	0.00
11,600.0	3.81	36.39	11,584.9	369.4	272.2	-355.0	0.00	0.00	0.00
11,700.0	3.81	36.39	11,684.7	374.7	276.2	-360.2	0.00	0.00	0.00
11,800.0	3.81	36.39	11,784.4	380.0	280.1	-365.3	0.00	0.00	0.00
11,900.0	3.81	36.39	11,884.2	385.4	284.0	-370.4	0.00	0.00	0.00
12,000.0	3.81	36.39	11,984.0	390.7	288.0	-375.6	0.00	0.00	0.00
12,099.8	3.81	36.39	12,083.6	396.1	291.9	-380.7	0.00	0.00	0.00
12,125.0	2.28	89.01	12,108.8	396.7	292.9	-381.3	12.00	-6.05	208.75
12,150.0	3.75	142.15	12,133.7	396.1	293.9	-380.6	12.00	5.87	212.58
12,175.0	6.40	158.77	12,158.6	394.2	294.9	-378.7	12.00	10.58	66.49
12,200.0	9.26	165.45	12,183.4	390.9	295.9	-375.4	12.00	11.46	26.71
12,225.0	12.19	168.97	12,208.0	386.4	296.9	-370.8	12.00	11.72	14.07
12,250.0	15.15	171.13	12,232.2	380.6	297.9	-364.9	12.00	11.83	8.66
12,275.0	18.12	172.60	12,256.2	373.5	298.9	-357.8	12.00	11.88	5.88
12,300.0	21.09	173.67	12,279.7	365.2	299.9	-349.4	12.00	11.91	4.27
12,325.0	24.08	174.49	12,302.8	355.6	300.9	-339.8	12.00	11.94	3.25
12,350.0	27.07	175.13	12,325.4	344.9	301.9	-329.1	12.00	11.95	2.57
12,375.0	30.06	175.65	12,347.3	332.9	302.9	-317.1	12.00	11.96	2.10
12,400.0	33.05	176.09	12,368.6	319.9	303.8	-304.0	12.00	11.97	1.75
12,425.0	36.04	176.46	12,389.2	305.8	304.7	-289.9	12.00	11.97	1.49
12,450.0	39.03	176.78	12,409.0	290.6	305.6	-274.6	12.00	11.97	1.29
12,475.0	42.03	177.07	12,428.0	274.3	306.5	-258.4	12.00	11.98	1.13
12,500.0	45.02	177.32	12,446.2	257.1	307.3	-241.2	12.00	11.98	1.01
12,525.0	48.02	177.55	12,463.4	239.0	308.1	-223.0	12.00	11.98	0.91
12,550.0	51.01	177.75	12,479.6	220.0	308.9	-204.0	12.00	11.98	0.83
12,575.0	54.01	177.94	12,494.8	200.2	309.7	-184.2	12.00	11.98	0.76
12,600.0	57.01	178.12	12,509.0	179.6	310.4	-163.6	12.00	11.99	0.70
12,625.0	60.00	178.28	12,522.0	158.3	311.0	-142.3	12.00	11.99	0.66
12,650.0	63.00	178.44	12,533.9	136.3	311.7	-120.3	12.00	11.99	0.62
12,675.0	66.00	178.58	12,544.7	113.8	312.2	-97.8	12.00	11.99	0.59
12,687.0	67.43	178.65	12,549.4	102.8	312.5	-86.8	12.00	11.99	0.57
FTP (Hound 30 Fed #702H)									
12,700.0	68.99	178.73	12,554.3	90.7	312.8	-74.7	12.00	11.99	0.55
12,725.0	71.99	178.86	12,562.6	67.1	313.3	-51.1	12.00	11.99	0.54
12,750.0	74.99	178.99	12,569.7	43.2	313.7	-27.2	12.00	11.99	0.52
12,775.0	77.99	179.12	12,575.6	18.9	314.1	-2.9	12.00	11.99	0.51
12,800.0	80.98	179.24	12,580.1	-5.7	314.5	21.7	12.00	11.99	0.49
12,825.0	83.98	179.36	12,583.4	-30.5	314.8	46.4	12.00	11.99	0.49
12,850.0	86.98	179.48	12,585.4	-55.4	315.0	71.3	12.00	11.99	0.48
12,868.5	89.20	179.57	12,586.0	-73.9	315.2	89.8	12.00	11.99	0.48
12,900.0	89.20	179.57	12,586.4	-105.4	315.4	121.3	0.00	0.00	0.00
13,000.0	89.20	179.57	12,587.8	-205.4	316.2	221.2	0.00	0.00	0.00
13,100.0	89.20	179.57	12,589.2	-305.3	316.9	321.1	0.00	0.00	0.00
13,200.0	89.20	179.57	12,590.6	-405.3	317.7	421.0	0.00	0.00	0.00
13,300.0	89.20	179.57	12,592.0	-505.3	318.4	520.9	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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3342.0usft
MD Reference: KB = 25' @ 3342.0usft
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)
13,400.0	89.20	179.57	12,593.4	-605.3	319.2	620.8	0.00	0.00	0.00
13,500.0	89.20	179.57	12,594.8	-705.3	319.9	720.7	0.00	0.00	0.00
13,600.0	89.20	179.57	12,596.2	-805.3	320.7	820.6	0.00	0.00	0.00
13,700.0	89.20	179.57	12,597.6	-905.3	321.4	920.5	0.00	0.00	0.00
13,800.0	89.20	179.57	12,599.0	-1,005.3	322.2	1,020.3	0.00	0.00	0.00
13,900.0	89.20	179.57	12,600.4	-1,105.2	322.9	1,120.2	0.00	0.00	0.00
14,000.0	89.20	179.57	12,601.8	-1,205.2	323.7	1,220.1	0.00	0.00	0.00
14,100.0	89.20	179.57	12,603.2	-1,305.2	324.4	1,320.0	0.00	0.00	0.00
14,200.0	89.20	179.57	12,604.6	-1,405.2	325.2	1,419.9	0.00	0.00	0.00
14,300.0	89.20	179.57	12,606.0	-1,505.2	325.9	1,519.8	0.00	0.00	0.00
14,400.0	89.20	179.57	12,607.4	-1,605.2	326.7	1,619.7	0.00	0.00	0.00
14,500.0	89.20	179.57	12,608.8	-1,705.2	327.4	1,719.6	0.00	0.00	0.00
14,600.0	89.20	179.57	12,610.2	-1,805.2	328.2	1,819.5	0.00	0.00	0.00
14,700.0	89.20	179.57	12,611.6	-1,905.1	328.9	1,919.4	0.00	0.00	0.00
14,800.0	89.20	179.57	12,613.0	-2,005.1	329.7	2,019.3	0.00	0.00	0.00
14,900.0	89.20	179.57	12,614.4	-2,105.1	330.4	2,119.2	0.00	0.00	0.00
15,000.0	89.20	179.57	12,615.8	-2,205.1	331.2	2,219.1	0.00	0.00	0.00
15,100.0	89.20	179.57	12,617.1	-2,305.1	331.9	2,319.0	0.00	0.00	0.00
15,200.0	89.20	179.57	12,618.5	-2,405.1	332.7	2,418.9	0.00	0.00	0.00
15,300.0	89.20	179.57	12,619.9	-2,505.1	333.4	2,518.8	0.00	0.00	0.00
15,400.0	89.20	179.57	12,621.3	-2,605.1	334.2	2,618.7	0.00	0.00	0.00
15,500.0	89.20	179.57	12,622.7	-2,705.0	334.9	2,718.6	0.00	0.00	0.00
15,600.0	89.20	179.57	12,624.1	-2,805.0	335.7	2,818.5	0.00	0.00	0.00
15,700.0	89.20	179.57	12,625.5	-2,905.0	336.4	2,918.4	0.00	0.00	0.00
15,800.0	89.20	179.57	12,626.9	-3,005.0	337.2	3,018.3	0.00	0.00	0.00
15,900.0	89.20	179.57	12,628.3	-3,105.0	337.9	3,118.2	0.00	0.00	0.00
16,000.0	89.20	179.57	12,629.7	-3,205.0	338.7	3,218.1	0.00	0.00	0.00
16,100.0	89.20	179.57	12,631.1	-3,305.0	339.4	3,318.0	0.00	0.00	0.00
16,200.0	89.20	179.57	12,632.5	-3,405.0	340.2	3,417.9	0.00	0.00	0.00
16,300.0	89.20	179.57	12,633.9	-3,504.9	340.9	3,517.8	0.00	0.00	0.00
16,400.0	89.20	179.57	12,635.3	-3,604.9	341.7	3,617.6	0.00	0.00	0.00
16,500.0	89.20	179.57	12,636.7	-3,704.9	342.4	3,717.5	0.00	0.00	0.00
16,600.0	89.20	179.57	12,638.1	-3,804.9	343.2	3,817.4	0.00	0.00	0.00
16,700.0	89.20	179.57	12,639.5	-3,904.9	343.9	3,917.3	0.00	0.00	0.00
16,800.0	89.20	179.57	12,640.9	-4,004.9	344.7	4,017.2	0.00	0.00	0.00
16,900.0	89.20	179.57	12,642.3	-4,104.9	345.4	4,117.1	0.00	0.00	0.00
17,000.0	89.20	179.57	12,643.7	-4,204.9	346.2	4,217.0	0.00	0.00	0.00
17,100.0	89.20	179.57	12,645.1	-4,304.8	346.9	4,316.9	0.00	0.00	0.00
17,200.0	89.20	179.57	12,646.5	-4,404.8	347.7	4,416.8	0.00	0.00	0.00
17,300.0	89.20	179.57	12,647.9	-4,504.8	348.4	4,516.7	0.00	0.00	0.00
17,400.0	89.20	179.57	12,649.3	-4,604.8	349.2	4,616.6	0.00	0.00	0.00
17,500.0	89.20	179.57	12,650.7	-4,704.8	350.0	4,716.5	0.00	0.00	0.00
17,600.0	89.20	179.57	12,652.1	-4,804.8	350.7	4,816.4	0.00	0.00	0.00
17,700.0	89.20	179.57	12,653.4	-4,904.8	351.5	4,916.3	0.00	0.00	0.00
17,800.0	89.20	179.57	12,654.8	-5,004.8	352.2	5,016.2	0.00	0.00	0.00
17,900.0	89.20	179.57	12,656.2	-5,104.7	353.0	5,116.1	0.00	0.00	0.00
18,000.0	89.20	179.57	12,657.6	-5,204.7	353.7	5,216.0	0.00	0.00	0.00
18,100.0	89.20	179.57	12,659.0	-5,304.7	354.5	5,315.9	0.00	0.00	0.00
18,200.0	89.20	179.57	12,660.4	-5,404.7	355.2	5,415.8	0.00	0.00	0.00
18,300.0	89.20	179.57	12,661.8	-5,504.7	356.0	5,515.7	0.00	0.00	0.00
18,400.0	89.20	179.57	12,663.2	-5,604.7	356.7	5,615.6	0.00	0.00	0.00
18,500.0	89.20	179.57	12,664.6	-5,704.7	357.5	5,715.5	0.00	0.00	0.00
18,600.0	89.20	179.57	12,666.0	-5,804.7	358.2	5,815.4	0.00	0.00	0.00
18,700.0	89.20	179.57	12,667.4	-5,904.6	359.0	5,915.3	0.00	0.00	0.00



EOG Resources, Inc.

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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)
18,800.0	89.20	179.57	12,668.8	-6,004.6	359.7	6,015.2	0.00	0.00	0.00
18,900.0	89.20	179.57	12,670.2	-6,104.6	360.5	6,115.1	0.00	0.00	0.00
19,000.0	89.20	179.57	12,671.6	-6,204.6	361.2	6,214.9	0.00	0.00	0.00
19,100.0	89.20	179.57	12,673.0	-6,304.6	362.0	6,314.8	0.00	0.00	0.00
19,200.0	89.20	179.57	12,674.4	-6,404.6	362.7	6,414.7	0.00	0.00	0.00
19,300.0	89.20	179.57	12,675.8	-6,504.6	363.5	6,514.6	0.00	0.00	0.00
19,400.0	89.20	179.57	12,677.2	-6,604.6	364.2	6,614.5	0.00	0.00	0.00
19,500.0	89.20	179.57	12,678.6	-6,704.5	365.0	6,714.4	0.00	0.00	0.00
19,600.0	89.20	179.57	12,680.0	-6,804.5	365.7	6,814.3	0.00	0.00	0.00
19,700.0	89.20	179.57	12,681.4	-6,904.5	366.5	6,914.2	0.00	0.00	0.00
19,800.0	89.20	179.57	12,682.8	-7,004.5	367.2	7,014.1	0.00	0.00	0.00
19,900.0	89.20	179.57	12,684.2	-7,104.5	368.0	7,114.0	0.00	0.00	0.00
20,000.0	89.20	179.57	12,685.6	-7,204.5	368.7	7,213.9	0.00	0.00	0.00
20,038.5	89.20	179.57	12,686.1	-7,243.0	369.0	7,252.4	0.00	0.00	0.00
PBHL (Hound 30 Fed #702H)									

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 - hit/miss target - Shape - Point)	0.00	0.00	12,586.0	118.0	314.0	401,240.00	753,758.00	32° 6' 1.706 N	103° 30' 49.905 W
- plan misses target center by 39.6usft at 12687.0usft MD (12549.4 TVD, 102.8 N, 312.5 E)									
PBHL (Hound 30 Fed #7 - plan hits target center - Point)	0.00	0.00	12,686.1	-7,243.0	369.0	393,879.00	753,813.00	32° 4' 48.860 N	103° 30' 49.916 W