



HOBBS OCD
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EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Endurance 36 State Com

#706H

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 #706H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3363.0usft (Precision 612)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3363.0usft (Precision 612)
Site:	Endurance 36 State Com	North Reference:	Grid
Well:	#706H	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	#706H		
Well Position	+N/-S	78.0 usft	Northing: 365,114.00 usft
	+E/-W	589.0 usft	Easting: 750,095.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 0' 4.488 N
		Longitude:	103° 31' 35.624 W
		Ground Level:	3,338.0 usft

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

Design	Plan #.01		
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
			(°)
			359.31

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	
4,771.3	2.71	183.08	4,771.2	-6.4	-0.3	1.00	1.00	0.00	183.08	
11,998.2	2.71	183.08	11,990.0	-348.0	-18.8	0.00	0.00	0.00	0.00	
12,925.3	90.00	359.50	12,590.0	224.3	-25.5	10.00	9.42	19.03	176.41	
19,855.3	90.00	359.50	12,590.0	7,154.0	-86.0	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:	#706H	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	183.08	4,600.0	-0.9	0.0	-0.9	1.00	1.00	0.00
4,700.0	2.00	183.08	4,700.0	-3.5	-0.2	-3.5	1.00	1.00	0.00
4,771.3	2.71	183.08	4,771.2	-6.4	-0.3	-6.4	1.00	1.00	0.00
4,800.0	2.71	183.08	4,799.9	-7.8	-0.4	-7.8	0.00	0.00	0.00
4,900.0	2.71	183.08	4,899.8	-12.5	-0.7	-12.5	0.00	0.00	0.00
5,000.0	2.71	183.08	4,999.6	-17.2	-0.9	-17.2	0.00	0.00	0.00
5,100.0	2.71	183.08	5,099.5	-21.9	-1.2	-21.9	0.00	0.00	0.00
5,200.0	2.71	183.08	5,199.4	-26.7	-1.4	-26.7	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	2.71	183.08	5,299.3	-31.4	-1.7	-31.4	0.00	0.00	0.00	
5,400.0	2.71	183.08	5,399.2	-36.1	-1.9	-36.1	0.00	0.00	0.00	
5,500.0	2.71	183.08	5,499.1	-40.9	-2.2	-40.8	0.00	0.00	0.00	
5,600.0	2.71	183.08	5,599.0	-45.6	-2.5	-45.6	0.00	0.00	0.00	
5,700.0	2.71	183.08	5,698.9	-50.3	-2.7	-50.3	0.00	0.00	0.00	
5,800.0	2.71	183.08	5,798.7	-55.0	-3.0	-55.0	0.00	0.00	0.00	
5,900.0	2.71	183.08	5,898.6	-59.8	-3.2	-59.7	0.00	0.00	0.00	
6,000.0	2.71	183.08	5,998.5	-64.5	-3.5	-64.4	0.00	0.00	0.00	
6,100.0	2.71	183.08	6,098.4	-69.2	-3.7	-69.2	0.00	0.00	0.00	
6,200.0	2.71	183.08	6,198.3	-73.9	-4.0	-73.9	0.00	0.00	0.00	
6,300.0	2.71	183.08	6,298.2	-78.7	-4.2	-78.6	0.00	0.00	0.00	
6,400.0	2.71	183.08	6,398.1	-83.4	-4.5	-83.3	0.00	0.00	0.00	
6,500.0	2.71	183.08	6,498.0	-88.1	-4.7	-88.1	0.00	0.00	0.00	
6,600.0	2.71	183.08	6,597.8	-92.9	-5.0	-92.8	0.00	0.00	0.00	
6,700.0	2.71	183.08	6,697.7	-97.6	-5.3	-97.5	0.00	0.00	0.00	
6,800.0	2.71	183.08	6,797.6	-102.3	-5.5	-102.2	0.00	0.00	0.00	
6,900.0	2.71	183.08	6,897.5	-107.0	-5.8	-107.0	0.00	0.00	0.00	
7,000.0	2.71	183.08	6,997.4	-111.8	-6.0	-111.7	0.00	0.00	0.00	
7,100.0	2.71	183.08	7,097.3	-116.5	-6.3	-116.4	0.00	0.00	0.00	
7,200.0	2.71	183.08	7,197.2	-121.2	-6.5	-121.1	0.00	0.00	0.00	
7,300.0	2.71	183.08	7,297.1	-125.9	-6.8	-125.8	0.00	0.00	0.00	
7,400.0	2.71	183.08	7,397.0	-130.7	-7.0	-130.6	0.00	0.00	0.00	
7,500.0	2.71	183.08	7,496.8	-135.4	-7.3	-135.3	0.00	0.00	0.00	
7,600.0	2.71	183.08	7,596.7	-140.1	-7.6	-140.0	0.00	0.00	0.00	
7,700.0	2.71	183.08	7,696.6	-144.8	-7.8	-144.7	0.00	0.00	0.00	
7,800.0	2.71	183.08	7,796.5	-149.6	-8.1	-149.5	0.00	0.00	0.00	
7,900.0	2.71	183.08	7,896.4	-154.3	-8.3	-154.2	0.00	0.00	0.00	
8,000.0	2.71	183.08	7,996.3	-159.0	-8.6	-158.9	0.00	0.00	0.00	
8,100.0	2.71	183.08	8,096.2	-163.8	-8.8	-163.6	0.00	0.00	0.00	
8,200.0	2.71	183.08	8,196.1	-168.5	-9.1	-168.4	0.00	0.00	0.00	
8,300.0	2.71	183.08	8,295.9	-173.2	-9.3	-173.1	0.00	0.00	0.00	
8,400.0	2.71	183.08	8,395.8	-177.9	-9.6	-177.8	0.00	0.00	0.00	
8,500.0	2.71	183.08	8,495.7	-182.7	-9.8	-182.5	0.00	0.00	0.00	
8,600.0	2.71	183.08	8,595.6	-187.4	-10.1	-187.3	0.00	0.00	0.00	
8,700.0	2.71	183.08	8,695.5	-192.1	-10.4	-192.0	0.00	0.00	0.00	
8,800.0	2.71	183.08	8,795.4	-196.8	-10.6	-196.7	0.00	0.00	0.00	
8,900.0	2.71	183.08	8,895.3	-201.6	-10.9	-201.4	0.00	0.00	0.00	
9,000.0	2.71	183.08	8,995.2	-206.3	-11.1	-206.1	0.00	0.00	0.00	
9,100.0	2.71	183.08	9,095.0	-211.0	-11.4	-210.9	0.00	0.00	0.00	
9,200.0	2.71	183.08	9,194.9	-215.8	-11.6	-215.6	0.00	0.00	0.00	
9,300.0	2.71	183.08	9,294.8	-220.5	-11.9	-220.3	0.00	0.00	0.00	
9,400.0	2.71	183.08	9,394.7	-225.2	-12.1	-225.0	0.00	0.00	0.00	
9,500.0	2.71	183.08	9,494.6	-229.9	-12.4	-229.8	0.00	0.00	0.00	
9,600.0	2.71	183.08	9,594.5	-234.7	-12.6	-234.5	0.00	0.00	0.00	
9,700.0	2.71	183.08	9,694.4	-239.4	-12.9	-239.2	0.00	0.00	0.00	
9,800.0	2.71	183.08	9,794.3	-244.1	-13.2	-243.9	0.00	0.00	0.00	
9,900.0	2.71	183.08	9,894.1	-248.8	-13.4	-248.7	0.00	0.00	0.00	
10,000.0	2.71	183.08	9,994.0	-253.6	-13.7	-253.4	0.00	0.00	0.00	
10,100.0	2.71	183.08	10,093.9	-258.3	-13.9	-258.1	0.00	0.00	0.00	
10,200.0	2.71	183.08	10,193.8	-263.0	-14.2	-262.8	0.00	0.00	0.00	
10,300.0	2.71	183.08	10,293.7	-267.7	-14.4	-267.6	0.00	0.00	0.00	
10,400.0	2.71	183.08	10,393.6	-272.5	-14.7	-272.3	0.00	0.00	0.00	
10,500.0	2.71	183.08	10,493.5	-277.2	-14.9	-277.0	0.00	0.00	0.00	
10,600.0	2.71	183.08	10,593.4	-281.9	-15.2	-281.7	0.00	0.00	0.00	



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Site:	Endurance 36 State Com	North Reference:	Grid
Well:	#706H	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	2.71	183.08	10,693.3	-286.7	-15.4	-286.4	0.00	0.00	0.00
10,800.0	2.71	183.08	10,793.1	-291.4	-15.7	-291.2	0.00	0.00	0.00
10,900.0	2.71	183.08	10,893.0	-296.1	-16.0	-295.9	0.00	0.00	0.00
11,000.0	2.71	183.08	10,992.9	-300.8	-16.2	-300.6	0.00	0.00	0.00
11,100.0	2.71	183.08	11,092.8	-305.6	-16.5	-305.3	0.00	0.00	0.00
11,200.0	2.71	183.08	11,192.7	-310.3	-16.7	-310.1	0.00	0.00	0.00
11,300.0	2.71	183.08	11,292.6	-315.0	-17.0	-314.8	0.00	0.00	0.00
11,400.0	2.71	183.08	11,392.5	-319.7	-17.2	-319.5	0.00	0.00	0.00
11,500.0	2.71	183.08	11,492.4	-324.5	-17.5	-324.2	0.00	0.00	0.00
11,600.0	2.71	183.08	11,592.2	-329.2	-17.7	-329.0	0.00	0.00	0.00
11,700.0	2.71	183.08	11,692.1	-333.9	-18.0	-333.7	0.00	0.00	0.00
11,800.0	2.71	183.08	11,792.0	-338.6	-18.2	-338.4	0.00	0.00	0.00
11,900.0	2.71	183.08	11,891.9	-343.4	-18.5	-343.1	0.00	0.00	0.00
11,998.2	2.71	183.08	11,990.0	-348.0	-18.8	-347.8	0.00	0.00	0.00
12,000.0	2.53	183.34	11,991.8	-348.1	-18.8	-347.8	10.00	-9.98	14.17
12,050.0	2.48	355.58	12,041.8	-348.1	-18.9	-347.9	10.00	-0.10	344.47
12,100.0	7.48	358.21	12,091.6	-343.8	-19.1	-343.5	10.00	9.99	5.26
12,150.0	12.48	358.73	12,140.8	-335.1	-19.3	-334.9	10.00	10.00	1.05
12,200.0	17.48	358.96	12,189.1	-322.2	-19.6	-322.0	10.00	10.00	0.46
12,250.0	22.47	359.09	12,236.1	-305.1	-19.9	-304.9	10.00	10.00	0.26
12,300.0	27.47	359.17	12,281.4	-284.0	-20.2	-283.8	10.00	10.00	0.17
12,350.0	32.47	359.23	12,324.7	-259.1	-20.5	-258.8	10.00	10.00	0.12
12,400.0	37.47	359.28	12,365.6	-230.4	-20.9	-230.2	10.00	10.00	0.09
12,450.0	42.47	359.31	12,403.9	-198.3	-21.3	-198.0	10.00	10.00	0.07
12,500.0	47.47	359.34	12,439.3	-163.0	-21.7	-162.7	10.00	10.00	0.06
12,550.0	52.47	359.37	12,471.4	-124.7	-22.1	-124.4	10.00	10.00	0.05
12,600.0	57.47	359.39	12,500.1	-83.8	-22.6	-83.5	10.00	10.00	0.04
12,650.0	62.47	359.41	12,525.1	-40.5	-23.0	-40.2	10.00	10.00	0.04
FTP (End 36 ST COM#706H)									
12,700.0	67.47	359.43	12,546.3	4.8	-23.5	5.1	10.00	10.00	0.04
12,750.0	72.47	359.45	12,563.4	51.7	-23.9	52.0	10.00	10.00	0.03
12,800.0	77.47	359.46	12,576.4	100.0	-24.4	100.3	10.00	10.00	0.03
12,850.0	82.47	359.48	12,585.1	149.2	-24.9	149.5	10.00	10.00	0.03
12,900.0	87.47	359.49	12,589.4	199.0	-25.3	199.3	10.00	10.00	0.03
12,925.3	90.00	359.50	12,590.0	224.3	-25.5	224.6	10.00	10.00	0.03
13,000.0	90.00	359.50	12,590.0	299.0	-26.2	299.3	0.00	0.00	0.00
13,100.0	90.00	359.50	12,590.0	399.0	-27.1	399.3	0.00	0.00	0.00
13,200.0	90.00	359.50	12,590.0	499.0	-27.9	499.3	0.00	0.00	0.00
13,300.0	90.00	359.50	12,590.0	599.0	-28.8	599.3	0.00	0.00	0.00
13,400.0	90.00	359.50	12,590.0	699.0	-29.7	699.3	0.00	0.00	0.00
13,500.0	90.00	359.50	12,590.0	799.0	-30.5	799.3	0.00	0.00	0.00
13,600.0	90.00	359.50	12,590.0	899.0	-31.4	899.3	0.00	0.00	0.00
13,700.0	90.00	359.50	12,590.0	999.0	-32.3	999.3	0.00	0.00	0.00
13,800.0	90.00	359.50	12,590.0	1,099.0	-33.2	1,099.3	0.00	0.00	0.00
13,900.0	90.00	359.50	12,590.0	1,199.0	-34.0	1,199.3	0.00	0.00	0.00
14,000.0	90.00	359.50	12,590.0	1,299.0	-34.9	1,299.3	0.00	0.00	0.00
14,100.0	90.00	359.50	12,590.0	1,399.0	-35.8	1,399.3	0.00	0.00	0.00
14,200.0	90.00	359.50	12,590.0	1,499.0	-36.6	1,499.3	0.00	0.00	0.00
14,300.0	90.00	359.50	12,590.0	1,599.0	-37.5	1,599.3	0.00	0.00	0.00
14,400.0	90.00	359.50	12,590.0	1,698.9	-38.4	1,699.3	0.00	0.00	0.00
14,500.0	90.00	359.50	12,590.0	1,798.9	-39.3	1,799.3	0.00	0.00	0.00
14,600.0	90.00	359.50	12,590.0	1,898.9	-40.1	1,899.3	0.00	0.00	0.00
14,700.0	90.00	359.50	12,590.0	1,998.9	-41.0	1,999.3	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #706H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3363.0usft (Precision 612)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3363.0usft (Precision 612)
Site:	Endurance 36 State Com	North Reference:	Grid
Well:	#706H	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)
14,800.0	90.00	359.50	12,590.0	2,098.9	-41.9	2,099.3	0.00	0.00	0.00
14,900.0	90.00	359.50	12,590.0	2,198.9	-42.8	2,199.3	0.00	0.00	0.00
15,000.0	90.00	359.50	12,590.0	2,298.9	-43.6	2,299.3	0.00	0.00	0.00
15,100.0	90.00	359.50	12,590.0	2,398.9	-44.5	2,399.3	0.00	0.00	0.00
15,200.0	90.00	359.50	12,590.0	2,498.9	-45.4	2,499.3	0.00	0.00	0.00
15,300.0	90.00	359.50	12,590.0	2,598.9	-46.2	2,599.3	0.00	0.00	0.00
15,400.0	90.00	359.50	12,590.0	2,698.9	-47.1	2,699.3	0.00	0.00	0.00
15,500.0	90.00	359.50	12,590.0	2,798.9	-48.0	2,799.3	0.00	0.00	0.00
15,600.0	90.00	359.50	12,590.0	2,898.9	-48.9	2,899.3	0.00	0.00	0.00
15,700.0	90.00	359.50	12,590.0	2,998.9	-49.7	2,999.3	0.00	0.00	0.00
15,800.0	90.00	359.50	12,590.0	3,098.9	-50.6	3,099.3	0.00	0.00	0.00
15,900.0	90.00	359.50	12,590.0	3,198.9	-51.5	3,199.3	0.00	0.00	0.00
16,000.0	90.00	359.50	12,590.0	3,298.9	-52.4	3,299.3	0.00	0.00	0.00
16,100.0	90.00	359.50	12,590.0	3,398.9	-53.2	3,399.3	0.00	0.00	0.00
16,200.0	90.00	359.50	12,590.0	3,498.9	-54.1	3,499.3	0.00	0.00	0.00
16,300.0	90.00	359.50	12,590.0	3,598.9	-55.0	3,599.3	0.00	0.00	0.00
16,400.0	90.00	359.50	12,590.0	3,698.9	-55.8	3,699.3	0.00	0.00	0.00
16,500.0	90.00	359.50	12,590.0	3,798.9	-56.7	3,799.3	0.00	0.00	0.00
16,600.0	90.00	359.50	12,590.0	3,898.9	-57.6	3,899.3	0.00	0.00	0.00
16,700.0	90.00	359.50	12,590.0	3,998.9	-58.5	3,999.3	0.00	0.00	0.00
16,800.0	90.00	359.50	12,590.0	4,098.9	-59.3	4,099.3	0.00	0.00	0.00
16,900.0	90.00	359.50	12,590.0	4,198.9	-60.2	4,199.3	0.00	0.00	0.00
17,000.0	90.00	359.50	12,590.0	4,298.9	-61.1	4,299.3	0.00	0.00	0.00
17,100.0	90.00	359.50	12,590.0	4,398.8	-62.0	4,399.3	0.00	0.00	0.00
17,200.0	90.00	359.50	12,590.0	4,498.8	-62.8	4,499.3	0.00	0.00	0.00
17,300.0	90.00	359.50	12,590.0	4,598.8	-63.7	4,599.3	0.00	0.00	0.00
17,400.0	90.00	359.50	12,590.0	4,698.8	-64.6	4,699.3	0.00	0.00	0.00
17,500.0	90.00	359.50	12,590.0	4,798.8	-65.4	4,799.3	0.00	0.00	0.00
17,600.0	90.00	359.50	12,590.0	4,898.8	-66.3	4,899.3	0.00	0.00	0.00
17,700.0	90.00	359.50	12,590.0	4,998.8	-67.2	4,999.3	0.00	0.00	0.00
17,800.0	90.00	359.50	12,590.0	5,098.8	-68.1	5,099.3	0.00	0.00	0.00
17,900.0	90.00	359.50	12,590.0	5,198.8	-68.9	5,199.3	0.00	0.00	0.00
18,000.0	90.00	359.50	12,590.0	5,298.8	-69.8	5,299.3	0.00	0.00	0.00
18,100.0	90.00	359.50	12,590.0	5,398.8	-70.7	5,399.3	0.00	0.00	0.00
18,200.0	90.00	359.50	12,590.0	5,498.8	-71.6	5,499.3	0.00	0.00	0.00
18,300.0	90.00	359.50	12,590.0	5,598.8	-72.4	5,599.3	0.00	0.00	0.00
18,400.0	90.00	359.50	12,590.0	5,698.8	-73.3	5,699.3	0.00	0.00	0.00
18,500.0	90.00	359.50	12,590.0	5,798.8	-74.2	5,799.3	0.00	0.00	0.00
18,600.0	90.00	359.50	12,590.0	5,898.8	-75.0	5,899.3	0.00	0.00	0.00
18,700.0	90.00	359.50	12,590.0	5,998.8	-75.9	5,999.3	0.00	0.00	0.00
18,800.0	90.00	359.50	12,590.0	6,098.8	-76.8	6,099.3	0.00	0.00	0.00
18,900.0	90.00	359.50	12,590.0	6,198.8	-77.7	6,199.3	0.00	0.00	0.00
19,000.0	90.00	359.50	12,590.0	6,298.8	-78.5	6,299.3	0.00	0.00	0.00
19,100.0	90.00	359.50	12,590.0	6,398.8	-79.4	6,399.3	0.00	0.00	0.00
19,200.0	90.00	359.50	12,590.0	6,498.8	-80.3	6,499.3	0.00	0.00	0.00
19,300.0	90.00	359.50	12,590.0	6,598.8	-81.2	6,599.3	0.00	0.00	0.00
19,400.0	90.00	359.50	12,590.0	6,698.8	-82.0	6,699.3	0.00	0.00	0.00
19,500.0	90.00	359.50	12,590.0	6,798.8	-82.9	6,799.3	0.00	0.00	0.00
19,600.0	90.00	359.50	12,590.0	6,898.8	-83.8	6,899.3	0.00	0.00	0.00
19,700.0	90.00	359.50	12,590.0	6,998.7	-84.6	6,999.3	0.00	0.00	0.00
19,800.0	90.00	359.50	12,590.0	7,098.7	-85.5	7,099.3	0.00	0.00	0.00
19,855.3	90.00	359.50	12,590.0	7,154.0	-86.0	7,154.5	0.00	0.00	0.00
PBHL (End 36 ST COM#706H)									



EOG Resources, Inc.

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #706H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3363.0usft (Precision 612)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25' @ 3363.0usft (Precision 612)
Site:	Endurance 36 State Com	North Reference:	Grid
Well:	#706H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #.01		

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)		
FTP (End 36 ST COM#7	0.00	0.00	12,590.0	-74.0	-23.0	365,040.00	750,072.00	32° 0' 3.757 N	103° 31' 35.898 W
- plan misses target center by 73.0usft at 12650.0usft MD (12525.1 TVD, -40.5 N, -23.0 E)									
- Point									
PBHL (End 36 ST COM#	0.00	0.00	12,590.0	7,154.0	-86.0	372,268.00	750,009.00	32° 1' 15.289 N	103° 31' 36.003 W
- plan hits target center									
- Point									

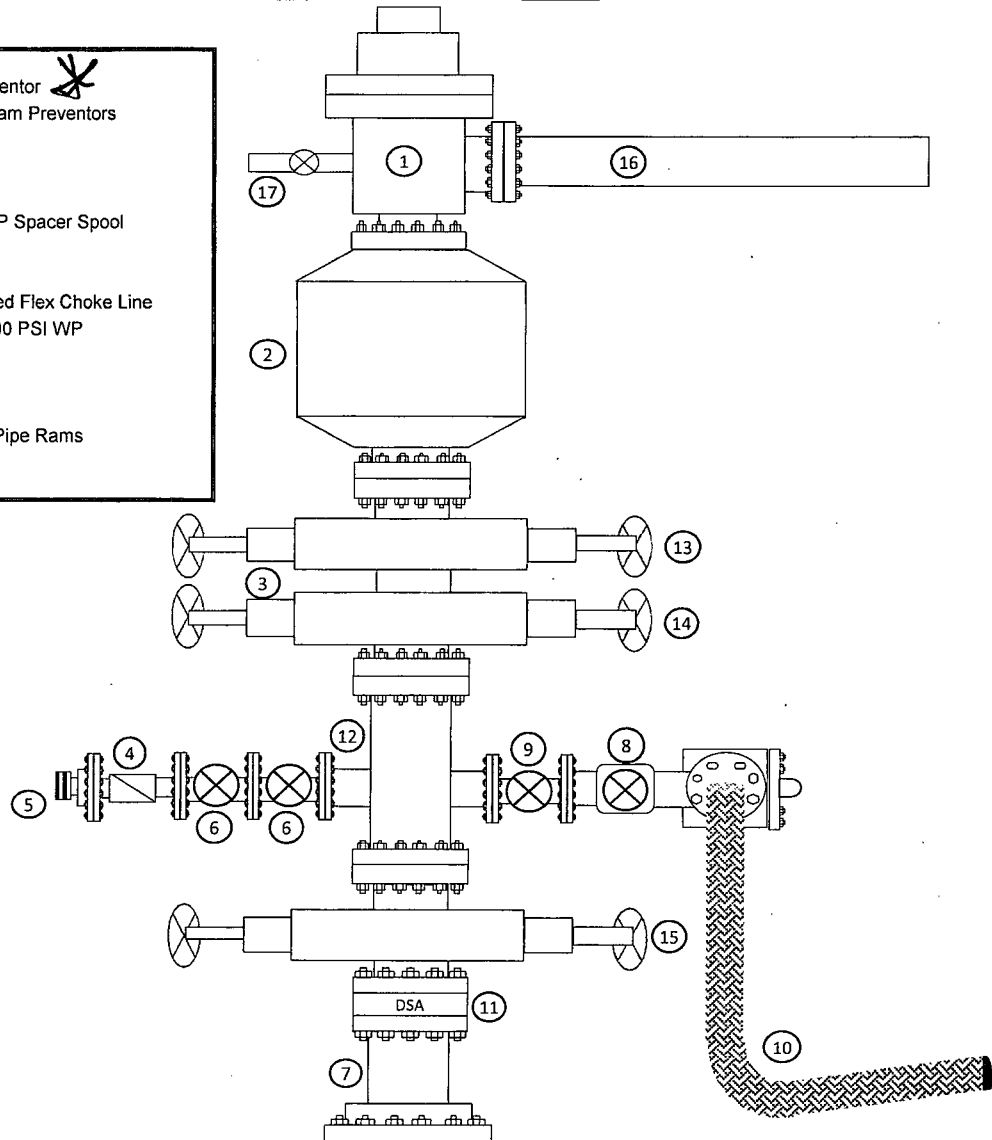
Exhibit 1

EOG Resources

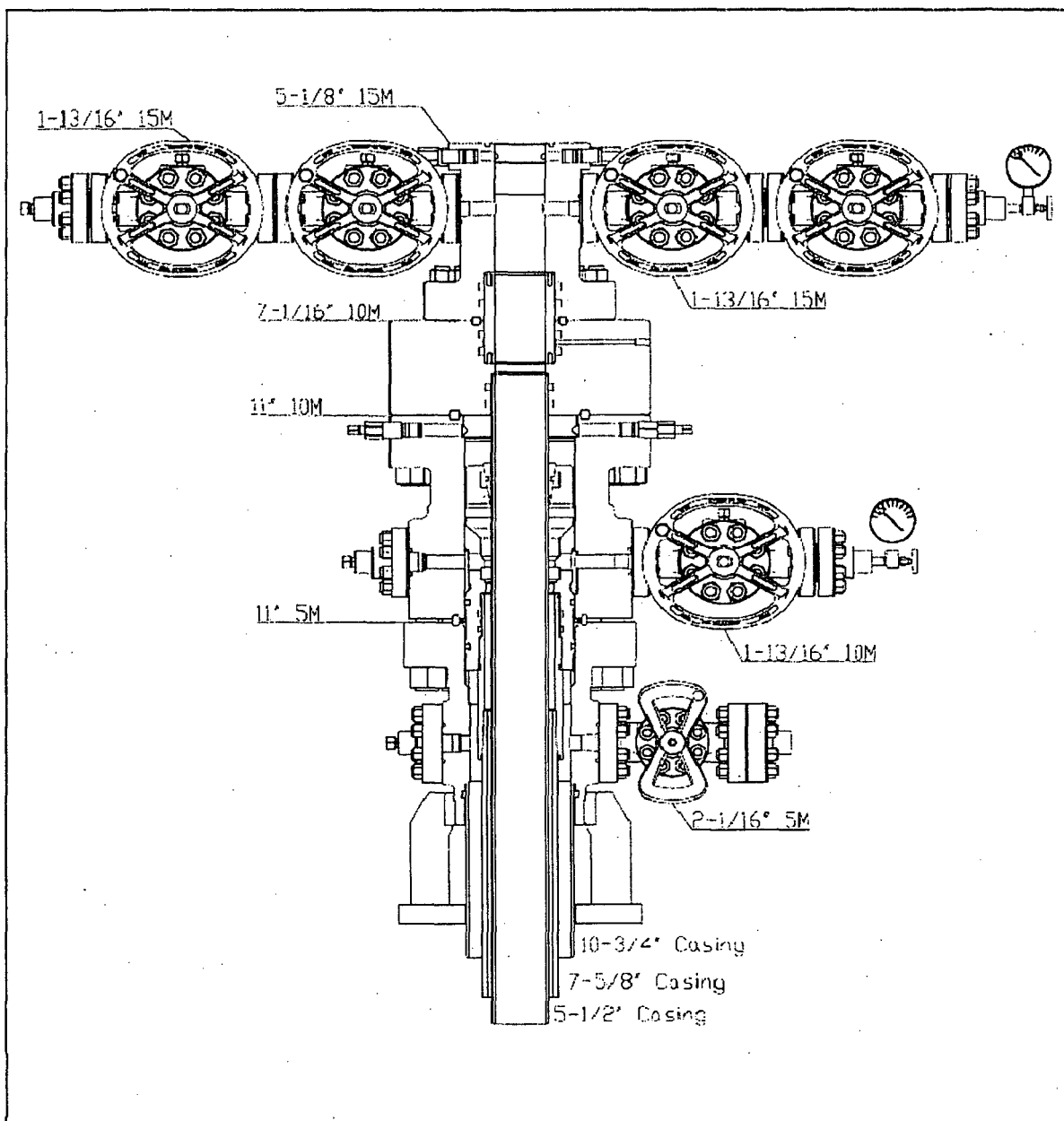
10M BOPE

Rig Floor

1. 13 5/8" Rotating Head
2. NOV 13 5/8" 5,000 PSI WP GK Annular Preventor
3. 13 5/8" Cameron Type "U" 10,000 PSI WP Ram Preventors
4. 2 1/16" - 10,000 PSI WP Check Valve
5. 10,000 PSI WP - 1502 Union to kill line
6. 2 1/16" - 10,000 PSI WP Manual Valves
7. 13 5/8" 3,000 PSI WP x 13 5/8" 5,000 PSI WP Spacer Spool
8. 4 1/16" 10,000 PSI WP HCR Valve
9. 4 1/16" 10,000 PSI WP Manual Valve
10. 6" OD x 3" ID 10,000 PSI WP Steel Armoured Flex Choke Line
11. DSA - 13 5/8" 10,000 PSI WP x 13 5/8" 5,000 PSI WP
12. Mud Cross - 13 5/8" 10,000 PSI WP
13. Blind Rams
14. Pipe Rams
15. 13 5/8" Cameron Type "U" 10,000 PSI WP Pipe Rams
16. Flow Line
17. 2" Fill Line



*Per Regulation
5M System*



EOG RESOURCES 10-3/4" X 7-5/8" X 5-1/2" FBD-100 WELLHEAD SYSTEM QUOTE # - 86366	DWN	RAY	7/9/15	 Worldwide Expertise • Global Strength	DRAWING NO WH-15315
	CHK				
	APP				
	BY		DATE		