



HOBBS OCD

MAY 09 2016

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EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Whirling Wind 11 Fed Com

#703H

OH

Plan: Plan #0.1

Standard Planning Report

29 February, 2016

MAY 12 2016



EOG Resources, Inc.

Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #703H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3370.0usft (H&P 415)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25 @ 3370.0usft (H&P 415)
Site:	Whirling Wind 11 Fed Com	North Reference:	Grid
Well:	#703H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	Whirling Wind 11 Fed Com		
Site Position:		Northing:	383,050.00 usft
From:	Map	Easting:	747,034.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 3' 2.203 N
		Longitude:	103° 32' 9.632 W
		Grid Convergence:	0.42 °

Well	#703H		
Well Position	+N/-S	821.0 usft	Northing:
	+E/-W	-1,818.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 3' 10.459 N
		Longitude:	103° 32' 30.684 W
		Ground Level:	3,345.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	7/27/2016	7.02
			Dip Angle
			59.92
			Field Strength
			47,931

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
			(°)
			5.79

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	
5,346.1	8.46	138.55	5,343.1	-46.7	41.3	1.00	1.00	0.00	138.55	
12,103.7	8.46	138.55	12,027.1	-792.0	699.5	0.00	0.00	0.00	0.00	
12,906.8	90.00	359.58	12,555.0	-317.1	747.6	12.00	10.15	-17.30	-138.66	
20,077.1	90.00	359.58	12,555.0	6,853.0	695.0	0.00	0.00	0.00	0.00	0.00 PBHL(WW 11 FC #70



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Site:	Whirling Wind 11 Fed Com	North Reference:	Grid
Well:	#703H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	138.55	4,600.0	-0.7	0.6	-0.6	1.00	1.00	0.00	
4,700.0	2.00	138.55	4,700.0	-2.6	2.3	-2.4	1.00	1.00	0.00	
4,800.0	3.00	138.55	4,799.9	-5.9	5.2	-5.3	1.00	1.00	0.00	
4,900.0	4.00	138.55	4,899.7	-10.5	9.2	-9.5	1.00	1.00	0.00	
5,000.0	5.00	138.55	4,999.4	-16.3	14.4	-14.8	1.00	1.00	0.00	
5,100.0	6.00	138.55	5,098.9	-23.5	20.8	-21.3	1.00	1.00	0.00	
5,200.0	7.00	138.55	5,198.3	-32.0	28.3	-29.0	1.00	1.00	0.00	
5,300.0	8.00	138.55	5,297.4	-41.8	36.9	-37.9	1.00	1.00	0.00	



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Site:	Whirling Wind 11 Fed Com	North Reference:	Grid
Well:	#703H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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)
5,346.1	8.46	138.55	5,343.1	-46.7	41.3	-42.3	1.00	1.00	0.00
5,400.0	8.46	138.55	5,396.3	-52.7	46.5	-47.7	0.00	0.00	0.00
5,500.0	8.46	138.55	5,495.3	-63.7	56.3	-57.7	0.00	0.00	0.00
5,600.0	8.46	138.55	5,594.2	-74.7	66.0	-67.7	0.00	0.00	0.00
5,700.0	8.46	138.55	5,693.1	-85.8	75.8	-77.7	0.00	0.00	0.00
5,800.0	8.46	138.55	5,792.0	-96.8	85.5	-87.7	0.00	0.00	0.00
5,900.0	8.46	138.55	5,890.9	-107.8	95.2	-97.7	0.00	0.00	0.00
6,000.0	8.46	138.55	5,989.8	-118.9	105.0	-107.7	0.00	0.00	0.00
6,100.0	8.46	138.55	6,088.7	-129.9	114.7	-117.6	0.00	0.00	0.00
6,200.0	8.46	138.55	6,187.6	-140.9	124.5	-127.6	0.00	0.00	0.00
6,300.0	8.46	138.55	6,286.5	-151.9	134.2	-137.6	0.00	0.00	0.00
6,400.0	8.46	138.55	6,385.5	-163.0	143.9	-147.6	0.00	0.00	0.00
6,500.0	8.46	138.55	6,484.4	-174.0	153.7	-157.6	0.00	0.00	0.00
6,600.0	8.46	138.55	6,583.3	-185.0	163.4	-167.6	0.00	0.00	0.00
6,700.0	8.46	138.55	6,682.2	-196.1	173.2	-177.6	0.00	0.00	0.00
6,800.0	8.46	138.55	6,781.1	-207.1	182.9	-187.6	0.00	0.00	0.00
6,900.0	8.46	138.55	6,880.0	-218.1	192.6	-197.6	0.00	0.00	0.00
7,000.0	8.46	138.55	6,978.9	-229.1	202.4	-207.5	0.00	0.00	0.00
7,100.0	8.46	138.55	7,077.8	-240.2	212.1	-217.5	0.00	0.00	0.00
7,200.0	8.46	138.55	7,176.7	-251.2	221.9	-227.5	0.00	0.00	0.00
7,300.0	8.46	138.55	7,275.7	-262.2	231.6	-237.5	0.00	0.00	0.00
7,400.0	8.46	138.55	7,374.6	-273.2	241.4	-247.5	0.00	0.00	0.00
7,500.0	8.46	138.55	7,473.5	-284.3	251.1	-257.5	0.00	0.00	0.00
7,600.0	8.46	138.55	7,572.4	-295.3	260.8	-267.5	0.00	0.00	0.00
7,700.0	8.46	138.55	7,671.3	-306.3	270.6	-277.5	0.00	0.00	0.00
7,800.0	8.46	138.55	7,770.2	-317.4	280.3	-287.5	0.00	0.00	0.00
7,900.0	8.46	138.55	7,869.1	-328.4	290.1	-297.4	0.00	0.00	0.00
8,000.0	8.46	138.55	7,968.0	-339.4	299.8	-307.4	0.00	0.00	0.00
8,100.0	8.46	138.55	8,067.0	-350.4	309.5	-317.4	0.00	0.00	0.00
8,200.0	8.46	138.55	8,165.9	-361.5	319.3	-327.4	0.00	0.00	0.00
8,300.0	8.46	138.55	8,264.8	-372.5	329.0	-337.4	0.00	0.00	0.00
8,400.0	8.46	138.55	8,363.7	-383.5	338.8	-347.4	0.00	0.00	0.00
8,500.0	8.46	138.55	8,462.6	-394.6	348.5	-357.4	0.00	0.00	0.00
8,600.0	8.46	138.55	8,561.5	-405.6	358.2	-367.4	0.00	0.00	0.00
8,700.0	8.46	138.55	8,660.4	-416.6	368.0	-377.4	0.00	0.00	0.00
8,800.0	8.46	138.55	8,759.3	-427.6	377.7	-387.4	0.00	0.00	0.00
8,900.0	8.46	138.55	8,858.2	-438.7	387.5	-397.3	0.00	0.00	0.00
9,000.0	8.46	138.55	8,957.2	-449.7	397.2	-407.3	0.00	0.00	0.00
9,100.0	8.46	138.55	9,056.1	-460.7	406.9	-417.3	0.00	0.00	0.00
9,200.0	8.46	138.55	9,155.0	-471.8	416.7	-427.3	0.00	0.00	0.00
9,300.0	8.46	138.55	9,253.9	-482.8	426.4	-437.3	0.00	0.00	0.00
9,400.0	8.46	138.55	9,352.8	-493.8	436.2	-447.3	0.00	0.00	0.00
9,500.0	8.46	138.55	9,451.7	-504.8	445.9	-457.3	0.00	0.00	0.00
9,600.0	8.46	138.55	9,550.6	-515.9	455.6	-467.3	0.00	0.00	0.00
9,700.0	8.46	138.55	9,649.5	-526.9	465.4	-477.3	0.00	0.00	0.00
9,800.0	8.46	138.55	9,748.4	-537.9	475.1	-487.2	0.00	0.00	0.00
9,900.0	8.46	138.55	9,847.4	-549.0	484.9	-497.2	0.00	0.00	0.00
10,000.0	8.46	138.55	9,946.3	-560.0	494.6	-507.2	0.00	0.00	0.00
10,100.0	8.46	138.55	10,045.2	-571.0	504.4	-517.2	0.00	0.00	0.00
10,200.0	8.46	138.55	10,144.1	-582.0	514.1	-527.2	0.00	0.00	0.00
10,300.0	8.46	138.55	10,243.0	-593.1	523.8	-537.2	0.00	0.00	0.00
10,400.0	8.46	138.55	10,341.9	-604.1	533.6	-547.2	0.00	0.00	0.00
10,500.0	8.46	138.55	10,440.8	-615.1	543.3	-557.2	0.00	0.00	0.00
10,600.0	8.46	138.55	10,539.7	-626.2	553.1	-567.2	0.00	0.00	0.00



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Wellbore:	OH		
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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	8.46	138.55	10,638.7	-637.2	562.8	-577.1	0.00	0.00	0.00
10,800.0	8.46	138.55	10,737.6	-648.2	572.5	-587.1	0.00	0.00	0.00
10,900.0	8.46	138.55	10,836.5	-659.2	582.3	-597.1	0.00	0.00	0.00
11,000.0	8.46	138.55	10,935.4	-670.3	592.0	-607.1	0.00	0.00	0.00
11,100.0	8.46	138.55	11,034.3	-681.3	601.8	-617.1	0.00	0.00	0.00
11,200.0	8.46	138.55	11,133.2	-692.3	611.5	-627.1	0.00	0.00	0.00
11,300.0	8.46	138.55	11,232.1	-703.4	621.2	-637.1	0.00	0.00	0.00
11,400.0	8.46	138.55	11,331.0	-714.4	631.0	-647.1	0.00	0.00	0.00
11,500.0	8.46	138.55	11,429.9	-725.4	640.7	-657.1	0.00	0.00	0.00
11,600.0	8.46	138.55	11,528.9	-736.4	650.5	-667.1	0.00	0.00	0.00
11,700.0	8.46	138.55	11,627.8	-747.5	660.2	-677.0	0.00	0.00	0.00
11,800.0	8.46	138.55	11,726.7	-758.5	669.9	-687.0	0.00	0.00	0.00
11,900.0	8.46	138.55	11,825.6	-769.5	679.7	-697.0	0.00	0.00	0.00
12,000.0	8.46	138.55	11,924.5	-780.6	689.4	-707.0	0.00	0.00	0.00
12,103.7	8.46	138.55	12,027.1	-792.0	699.5	-717.4	0.00	0.00	0.00
12,125.0	6.75	124.02	12,048.2	-793.9	701.6	-719.0	12.00	-8.01	-68.11
12,150.0	5.64	97.89	12,073.0	-794.9	704.0	-719.8	12.00	-4.47	-104.52
12,175.0	5.99	68.14	12,097.9	-794.5	706.5	-719.2	12.00	1.41	-119.03
12,200.0	7.61	46.54	12,122.8	-792.9	708.9	-717.3	12.00	6.48	-86.39
12,225.0	9.90	33.63	12,147.5	-790.0	711.3	-714.2	12.00	9.14	-51.66
12,250.0	12.48	25.75	12,172.0	-785.8	713.6	-709.7	12.00	10.35	-31.48
12,275.0	15.22	20.61	12,196.3	-780.3	716.0	-704.0	12.00	10.95	-20.57
12,300.0	18.04	17.03	12,220.2	-773.5	718.3	-697.1	12.00	11.28	-14.35
12,325.0	20.91	14.39	12,243.8	-765.5	720.5	-688.9	12.00	11.48	-10.55
12,350.0	23.81	12.37	12,266.9	-756.2	722.7	-679.4	12.00	11.60	-8.09
12,375.0	26.73	10.76	12,289.5	-745.7	724.8	-668.8	12.00	11.68	-6.42
12,400.0	29.67	9.45	12,311.5	-734.1	726.9	-657.0	12.00	11.74	-5.24
12,425.0	32.61	8.36	12,332.9	-721.3	728.9	-644.1	12.00	11.79	-4.37
12,450.0	35.57	7.43	12,353.6	-707.5	730.8	-630.1	12.00	11.82	-3.72
12,475.0	38.53	6.62	12,373.6	-692.5	732.6	-615.1	12.00	11.84	-3.22
12,500.0	41.50	5.92	12,392.7	-676.5	734.4	-599.0	12.00	11.86	-2.82
12,525.0	44.46	5.29	12,411.0	-659.6	736.1	-581.9	12.00	11.88	-2.51
12,550.0	47.44	4.73	12,428.4	-641.7	737.6	-564.0	12.00	11.89	-2.26
12,575.0	50.41	4.21	12,444.8	-622.9	739.1	-545.1	12.00	11.90	-2.05
12,600.0	53.39	3.74	12,460.2	-603.3	740.5	-525.5	12.00	11.91	-1.88
12,625.0	56.37	3.30	12,474.6	-582.9	741.7	-505.1	12.00	11.91	-1.74
12,650.0	59.35	2.90	12,487.9	-561.7	742.9	-483.9	12.00	11.92	-1.63
12,675.0	62.33	2.51	12,500.1	-539.9	743.9	-462.1	12.00	11.93	-1.53
12,700.0	65.31	2.15	12,511.1	-517.5	744.8	-439.7	12.00	11.93	-1.45
12,725.0	68.29	1.81	12,521.0	-494.5	745.6	-416.8	12.00	11.93	-1.38
12,725.2	68.29	1.81	12,521.0	-494.4	745.6	-416.6	0.00	0.00	0.00
FTP(WW 11 FC #703H)									
12,750.0	71.28	1.48	12,529.6	-471.1	746.3	-393.4	12.08	12.02	-1.33
12,775.0	74.26	1.16	12,537.0	-447.2	746.8	-369.6	12.00	11.94	-1.28
12,800.0	77.25	0.85	12,543.2	-423.0	747.2	-345.5	12.00	11.94	-1.24
12,825.0	80.23	0.54	12,548.0	-398.5	747.5	-321.0	12.00	11.94	-1.21
12,850.0	83.22	0.25	12,551.6	-373.8	747.7	-296.4	12.00	11.94	-1.19
12,875.0	86.20	359.95	12,553.9	-348.9	747.7	-271.6	12.00	11.94	-1.18
12,900.0	89.19	359.66	12,555.0	-323.9	747.7	-246.8	12.00	11.94	-1.17
12,906.8	90.00	359.58	12,555.0	-317.1	747.6	-240.1	12.00	11.94	-1.17
13,000.0	90.00	359.58	12,555.0	-223.9	746.9	-147.4	0.00	0.00	0.00
13,100.0	90.00	359.58	12,555.0	-123.9	746.2	-48.0	0.00	0.00	0.00
13,200.0	90.00	359.58	12,555.0	-23.9	745.5	51.4	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #703H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3370.0usft (H&P 415)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25 @ 3370.0usft (H&P 415)
Site:	Whirling Wind 11 Fed Com	North Reference:	Grid
Well:	#703H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	90.00	359.58	12,555.0	76.1	744.7	150.9	0.00	0.00	0.00
13,400.0	90.00	359.58	12,555.0	176.1	744.0	250.3	0.00	0.00	0.00
13,500.0	90.00	359.58	12,555.0	276.1	743.3	349.7	0.00	0.00	0.00
13,600.0	90.00	359.58	12,555.0	376.1	742.5	449.1	0.00	0.00	0.00
13,700.0	90.00	359.58	12,555.0	476.1	741.8	548.5	0.00	0.00	0.00
13,800.0	90.00	359.58	12,555.0	576.1	741.1	647.9	0.00	0.00	0.00
13,900.0	90.00	359.58	12,555.0	676.1	740.3	747.3	0.00	0.00	0.00
14,000.0	90.00	359.58	12,555.0	776.1	739.6	846.7	0.00	0.00	0.00
14,100.0	90.00	359.58	12,555.0	876.1	738.9	946.2	0.00	0.00	0.00
14,200.0	90.00	359.58	12,555.0	976.1	738.1	1,045.6	0.00	0.00	0.00
14,300.0	90.00	359.58	12,555.0	1,076.1	737.4	1,145.0	0.00	0.00	0.00
14,400.0	90.00	359.58	12,555.0	1,176.1	736.7	1,244.4	0.00	0.00	0.00
14,500.0	90.00	359.58	12,555.0	1,276.1	735.9	1,343.8	0.00	0.00	0.00
14,600.0	90.00	359.58	12,555.0	1,376.1	735.2	1,443.2	0.00	0.00	0.00
14,700.0	90.00	359.58	12,555.0	1,476.1	734.5	1,542.6	0.00	0.00	0.00
14,800.0	90.00	359.58	12,555.0	1,576.1	733.7	1,642.0	0.00	0.00	0.00
14,900.0	90.00	359.58	12,555.0	1,676.1	733.0	1,741.5	0.00	0.00	0.00
15,000.0	90.00	359.58	12,555.0	1,776.1	732.2	1,840.9	0.00	0.00	0.00
15,100.0	90.00	359.58	12,555.0	1,876.1	731.5	1,940.3	0.00	0.00	0.00
15,200.0	90.00	359.58	12,555.0	1,976.0	730.8	2,039.7	0.00	0.00	0.00
15,300.0	90.00	359.58	12,555.0	2,076.0	730.0	2,139.1	0.00	0.00	0.00
15,400.0	90.00	359.58	12,555.0	2,176.0	729.3	2,238.5	0.00	0.00	0.00
15,500.0	90.00	359.58	12,555.0	2,276.0	728.6	2,337.9	0.00	0.00	0.00
15,600.0	90.00	359.58	12,555.0	2,376.0	727.8	2,437.4	0.00	0.00	0.00
15,700.0	90.00	359.58	12,555.0	2,476.0	727.1	2,536.8	0.00	0.00	0.00
15,800.0	90.00	359.58	12,555.0	2,576.0	726.4	2,636.2	0.00	0.00	0.00
15,900.0	90.00	359.58	12,555.0	2,676.0	725.6	2,735.6	0.00	0.00	0.00
16,000.0	90.00	359.58	12,555.0	2,776.0	724.9	2,835.0	0.00	0.00	0.00
16,100.0	90.00	359.58	12,555.0	2,876.0	724.2	2,934.4	0.00	0.00	0.00
16,200.0	90.00	359.58	12,555.0	2,976.0	723.4	3,033.8	0.00	0.00	0.00
16,300.0	90.00	359.58	12,555.0	3,076.0	722.7	3,133.2	0.00	0.00	0.00
16,400.0	90.00	359.58	12,555.0	3,176.0	722.0	3,232.7	0.00	0.00	0.00
16,500.0	90.00	359.58	12,555.0	3,276.0	721.2	3,332.1	0.00	0.00	0.00
16,600.0	90.00	359.58	12,555.0	3,376.0	720.5	3,431.5	0.00	0.00	0.00
16,700.0	90.00	359.58	12,555.0	3,476.0	719.8	3,530.9	0.00	0.00	0.00
16,800.0	90.00	359.58	12,555.0	3,576.0	719.0	3,630.3	0.00	0.00	0.00
16,900.0	90.00	359.58	12,555.0	3,676.0	718.3	3,729.7	0.00	0.00	0.00
17,000.0	90.00	359.58	12,555.0	3,776.0	717.6	3,829.1	0.00	0.00	0.00
17,100.0	90.00	359.58	12,555.0	3,876.0	716.8	3,928.5	0.00	0.00	0.00
17,200.0	90.00	359.58	12,555.0	3,976.0	716.1	4,028.0	0.00	0.00	0.00
17,300.0	90.00	359.58	12,555.0	4,076.0	715.4	4,127.4	0.00	0.00	0.00
17,400.0	90.00	359.58	12,555.0	4,176.0	714.6	4,226.8	0.00	0.00	0.00
17,500.0	90.00	359.58	12,555.0	4,276.0	713.9	4,326.2	0.00	0.00	0.00
17,600.0	90.00	359.58	12,555.0	4,376.0	713.2	4,425.6	0.00	0.00	0.00
17,700.0	90.00	359.58	12,555.0	4,476.0	712.4	4,525.0	0.00	0.00	0.00
17,800.0	90.00	359.58	12,555.0	4,576.0	711.7	4,624.4	0.00	0.00	0.00
17,900.0	90.00	359.58	12,555.0	4,676.0	711.0	4,723.8	0.00	0.00	0.00
18,000.0	90.00	359.58	12,555.0	4,776.0	710.2	4,823.3	0.00	0.00	0.00
18,100.0	90.00	359.58	12,555.0	4,876.0	709.5	4,922.7	0.00	0.00	0.00
18,200.0	90.00	359.58	12,555.0	4,976.0	708.8	5,022.1	0.00	0.00	0.00
18,300.0	90.00	359.58	12,555.0	5,076.0	708.0	5,121.5	0.00	0.00	0.00
18,400.0	90.00	359.58	12,555.0	5,176.0	707.3	5,220.9	0.00	0.00	0.00
18,500.0	90.00	359.58	12,555.0	5,276.0	706.6	5,320.3	0.00	0.00	0.00
18,600.0	90.00	359.58	12,555.0	5,376.0	705.8	5,419.7	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

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Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25 @ 3370.0usft (H&P 415)
Site:	Whirling Wind 11 Fed Com	North Reference:	Grid
Well:	#703H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	90.00	359.58	12,555.0	5,476.0	705.1	5,519.2	0.00	0.00	0.00
18,800.0	90.00	359.58	12,555.0	5,576.0	704.4	5,618.6	0.00	0.00	0.00
18,900.0	90.00	359.58	12,555.0	5,675.9	703.6	5,718.0	0.00	0.00	0.00
19,000.0	90.00	359.58	12,555.0	5,775.9	702.9	5,817.4	0.00	0.00	0.00
19,100.0	90.00	359.58	12,555.0	5,875.9	702.2	5,916.8	0.00	0.00	0.00
19,200.0	90.00	359.58	12,555.0	5,975.9	701.4	6,016.2	0.00	0.00	0.00
19,300.0	90.00	359.58	12,555.0	6,075.9	700.7	6,115.6	0.00	0.00	0.00
19,400.0	90.00	359.58	12,555.0	6,175.9	700.0	6,215.0	0.00	0.00	0.00
19,500.0	90.00	359.58	12,555.0	6,275.9	699.2	6,314.5	0.00	0.00	0.00
19,600.0	90.00	359.58	12,555.0	6,375.9	698.5	6,413.9	0.00	0.00	0.00
19,700.0	90.00	359.58	12,555.0	6,475.9	697.8	6,513.3	0.00	0.00	0.00
19,800.0	90.00	359.58	12,555.0	6,575.9	697.0	6,612.7	0.00	0.00	0.00
19,900.0	90.00	359.58	12,555.0	6,675.9	696.3	6,712.1	0.00	0.00	0.00
20,000.0	90.00	359.58	12,555.0	6,775.9	695.6	6,811.5	0.00	0.00	0.00
20,077.1	90.00	359.58	12,555.0	6,853.0	695.0	6,888.2	0.00	0.00	0.00

PBHL(WW 11 FC #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
PBHL(WW 11 FC #703H) - plan hits target center - Point	0.00	0.00	12,555.0	6,853.0	695.0	390,724.00	745,911.00	32° 4' 18.224 N	103° 32' 22.023 W
FTP(WW 11 FC #703H) - plan misses target center by 36.4usft at 12725.2usft MD (12521.0 TVD, -494.4 N, 745.6 E) - Point	0.00	0.00	12,555.0	-507.0	749.0	383,364.00	745,965.00	32° 3' 5.388 N	103° 32' 22.025 W