



Lea County, NM (NAD 83 NME)

Barlow 34 Fed Com #703H

Plan #0.1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #703H

Ground Level: 3261.00
KB = 25' @ 3245.00uoft
Northing 364975.00 Easting 779051.00 Latitude 32.00107879 Longitude -103.56648721

SECTION DETAILS

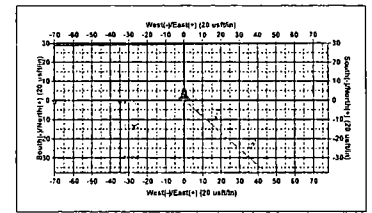
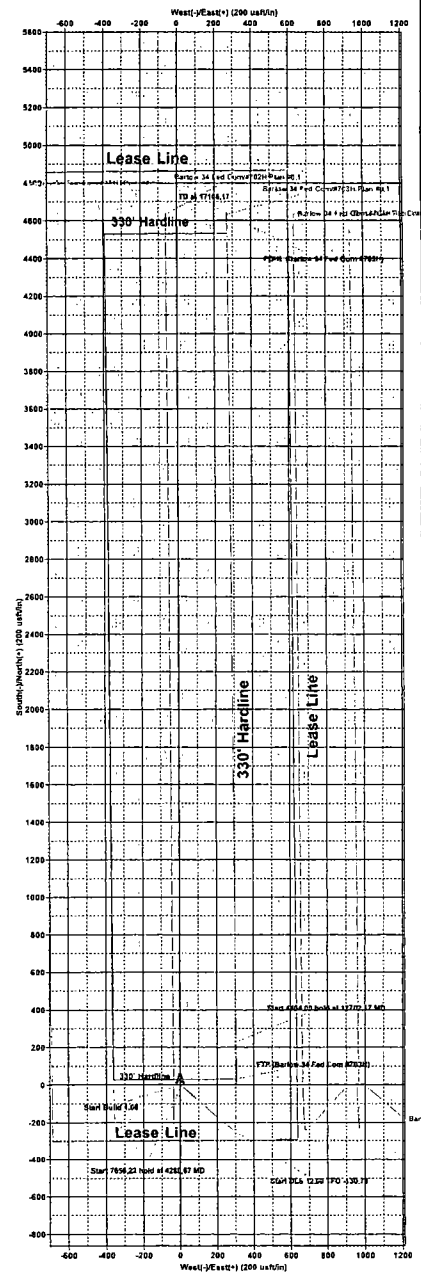
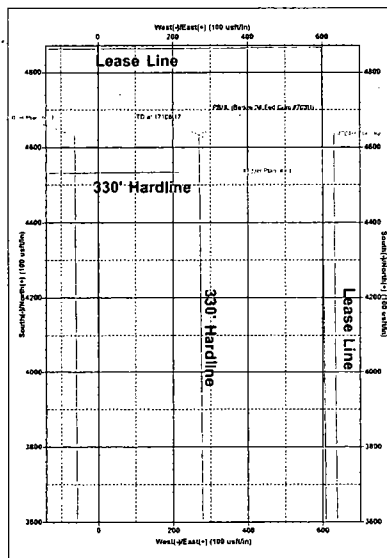
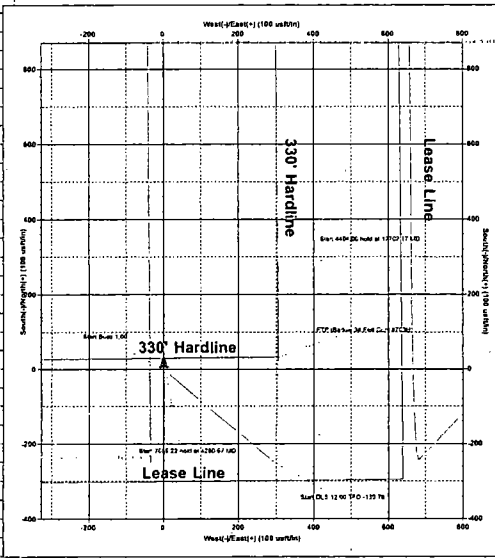
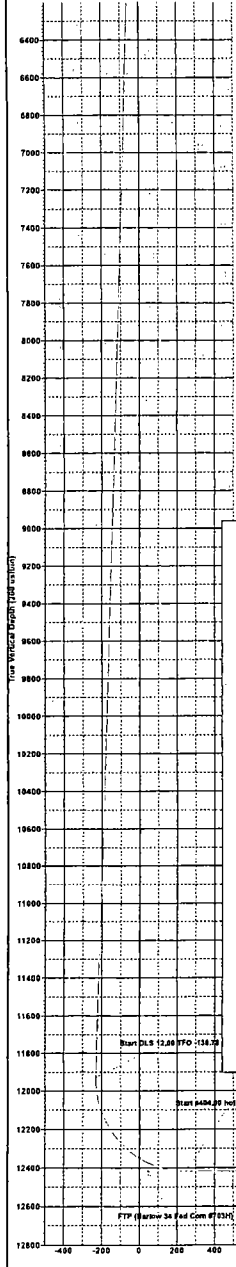
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dip	TFace	VFace	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00		
3	4280.67	2.81	130.36	4280.55	-4.45	5.24	1.00	130.36	-4.14		
4	11935.89	2.81	130.36	11927.59	-247.21	286.92	0.00	0.00	229.87		
5	12702.17	90.00	359.54	12426.00	236.14	305.36	12.00	-130.78	247.51		
6	17106.17	90.00	359.54	12426.00	4634.00	276.00	0.00	0.00	4641.86		PBHL (Barlow 34 Fed Com #703H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Barlow 34 Fed Com #703H)	12426.00	4634.00	276.00	365007.00	779358.00
FTP (Barlow 34 Fed Com #703H)					





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Barlow 34 Fed Com

#703H

OH

Plan: Plan #0.1

Standard Planning Report

09 March, 2017



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Barlow 34 Fed Com
 Well: #703H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
 TVD Reference: KB = 25' @ 3286.00usft
 MD Reference: KB = 25' @ 3286.00usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Barlow 34 Fed Com				
Site Position:		Northing:	364,974.00 usft	Latitude:	32.00107741
From:	Map	Easting:	778,981.00 usft	Longitude:	-103.56671303
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.41 °

Well	#703H					
Well Position	+N/-S	1.00 usft	Northing:	364,975.00 usft	Latitude:	32.00107879
	+E/-W	70.00 usft	Easting:	779,051.00 usft	Longitude:	-103.56648721
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	3,261.00 usft	

Wellbore	OH			
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	3/9/2017	6.97	59.86	47,835

Design	Plan #0.1			
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Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	3.33

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,280.67	2.81	130.36	4,280.55	-4.45	5.24	1.00	1.00	0.00	130.36	
11,936.89	2.81	130.36	11,927.59	-247.21	290.92	0.00	0.00	0.00	0.00	
12,702.17	90.00	359.54	12,420.00	230.14	305.36	12.00	11.39	-17.09	-130.78	
17,106.17	90.00	359.54	12,420.00	4,634.00	270.00	0.00	0.00	0.00	0.00	PBHL (Barlow 34 Fed



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MD Reference: KB = 25' @ 3286.00usft
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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	1.00	130.36	4,100.00	-0.57	0.66	-0.53	1.00	1.00	0.00
4,200.00	2.00	130.36	4,199.96	-2.26	2.66	-2.10	1.00	1.00	0.00
4,280.67	2.81	130.36	4,280.55	-4.45	5.24	-4.14	1.00	1.00	0.00
4,300.00	2.81	130.36	4,299.86	-5.06	5.96	-4.71	0.00	0.00	0.00
4,400.00	2.81	130.36	4,399.74	-8.23	9.69	-7.66	0.00	0.00	0.00
4,500.00	2.81	130.36	4,499.62	-11.40	13.42	-10.60	0.00	0.00	0.00
4,600.00	2.81	130.36	4,599.50	-14.58	17.15	-13.55	0.00	0.00	0.00
4,700.00	2.81	130.36	4,699.38	-17.75	20.88	-16.50	0.00	0.00	0.00
4,800.00	2.81	130.36	4,799.26	-20.92	24.62	-19.45	0.00	0.00	0.00
4,900.00	2.81	130.36	4,899.14	-24.09	28.35	-22.40	0.00	0.00	0.00
5,000.00	2.81	130.36	4,999.02	-27.26	32.08	-25.35	0.00	0.00	0.00
5,100.00	2.81	130.36	5,098.91	-30.43	35.81	-28.29	0.00	0.00	0.00
5,200.00	2.81	130.36	5,198.79	-33.60	39.54	-31.24	0.00	0.00	0.00



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Planned Survey

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5,300.00	2.81	130.36	5,298.67	-36.77	43.27	-34.19	0.00	0.00	0.00
5,400.00	2.81	130.36	5,398.55	-39.94	47.00	-37.14	0.00	0.00	0.00
5,500.00	2.81	130.36	5,498.43	-43.11	50.74	-40.09	0.00	0.00	0.00
5,600.00	2.81	130.36	5,598.31	-46.28	54.47	-43.04	0.00	0.00	0.00
5,700.00	2.81	130.36	5,698.19	-49.45	58.20	-45.99	0.00	0.00	0.00
5,800.00	2.81	130.36	5,798.07	-52.62	61.93	-48.93	0.00	0.00	0.00
5,900.00	2.81	130.36	5,897.95	-55.80	65.66	-51.88	0.00	0.00	0.00
6,000.00	2.81	130.36	5,997.83	-58.97	69.39	-54.83	0.00	0.00	0.00
6,100.00	2.81	130.36	6,097.71	-62.14	73.12	-57.78	0.00	0.00	0.00
6,200.00	2.81	130.36	6,197.59	-65.31	76.85	-60.73	0.00	0.00	0.00
6,300.00	2.81	130.36	6,297.47	-68.48	80.59	-63.68	0.00	0.00	0.00
6,400.00	2.81	130.36	6,397.35	-71.65	84.32	-66.62	0.00	0.00	0.00
6,500.00	2.81	130.36	6,497.23	-74.82	88.05	-69.57	0.00	0.00	0.00
6,600.00	2.81	130.36	6,597.11	-77.99	91.78	-72.52	0.00	0.00	0.00
6,700.00	2.81	130.36	6,696.99	-81.16	95.51	-75.47	0.00	0.00	0.00
6,800.00	2.81	130.36	6,796.87	-84.33	99.24	-78.42	0.00	0.00	0.00
6,900.00	2.81	130.36	6,896.75	-87.50	102.97	-81.37	0.00	0.00	0.00
7,000.00	2.81	130.36	6,996.63	-90.67	106.71	-84.31	0.00	0.00	0.00
7,100.00	2.81	130.36	7,096.51	-93.84	110.44	-87.26	0.00	0.00	0.00
7,200.00	2.81	130.36	7,196.39	-97.02	114.17	-90.21	0.00	0.00	0.00
7,300.00	2.81	130.36	7,296.27	-100.19	117.90	-93.16	0.00	0.00	0.00
7,400.00	2.81	130.36	7,396.15	-103.36	121.63	-96.11	0.00	0.00	0.00
7,500.00	2.81	130.36	7,496.03	-106.53	125.36	-99.06	0.00	0.00	0.00
7,600.00	2.81	130.36	7,595.91	-109.70	129.09	-102.00	0.00	0.00	0.00
7,700.00	2.81	130.36	7,695.79	-112.87	132.83	-104.95	0.00	0.00	0.00
7,800.00	2.81	130.36	7,795.67	-116.04	136.56	-107.90	0.00	0.00	0.00
7,900.00	2.81	130.36	7,895.55	-119.21	140.29	-110.85	0.00	0.00	0.00
8,000.00	2.81	130.36	7,995.43	-122.38	144.02	-113.80	0.00	0.00	0.00
8,100.00	2.81	130.36	8,095.31	-125.55	147.75	-116.75	0.00	0.00	0.00
8,200.00	2.81	130.36	8,195.19	-128.72	151.48	-119.69	0.00	0.00	0.00
8,300.00	2.81	130.36	8,295.07	-131.89	155.21	-122.64	0.00	0.00	0.00
8,400.00	2.81	130.36	8,394.95	-135.06	158.95	-125.59	0.00	0.00	0.00
8,500.00	2.81	130.36	8,494.83	-138.23	162.68	-128.54	0.00	0.00	0.00
8,600.00	2.81	130.36	8,594.71	-141.41	166.41	-131.49	0.00	0.00	0.00
8,700.00	2.81	130.36	8,694.59	-144.58	170.14	-134.44	0.00	0.00	0.00
8,800.00	2.81	130.36	8,794.47	-147.75	173.87	-137.38	0.00	0.00	0.00
8,900.00	2.81	130.36	8,894.35	-150.92	177.60	-140.33	0.00	0.00	0.00
9,000.00	2.81	130.36	8,994.23	-154.09	181.33	-143.28	0.00	0.00	0.00
9,100.00	2.81	130.36	9,094.11	-157.26	185.06	-146.23	0.00	0.00	0.00
9,200.00	2.81	130.36	9,193.99	-160.43	188.80	-149.18	0.00	0.00	0.00
9,300.00	2.81	130.36	9,293.87	-163.60	192.53	-152.13	0.00	0.00	0.00
9,400.00	2.81	130.36	9,393.75	-166.77	196.26	-155.07	0.00	0.00	0.00
9,500.00	2.81	130.36	9,493.63	-169.94	199.99	-158.02	0.00	0.00	0.00
9,600.00	2.81	130.36	9,593.51	-173.11	203.72	-160.97	0.00	0.00	0.00
9,700.00	2.81	130.36	9,693.39	-176.28	207.45	-163.92	0.00	0.00	0.00
9,800.00	2.81	130.36	9,793.27	-179.45	211.18	-166.87	0.00	0.00	0.00
9,900.00	2.81	130.36	9,893.15	-182.63	214.92	-169.82	0.00	0.00	0.00
10,000.00	2.81	130.36	9,993.03	-185.80	218.65	-172.76	0.00	0.00	0.00
10,100.00	2.81	130.36	10,092.91	-188.97	222.38	-175.71	0.00	0.00	0.00
10,200.00	2.81	130.36	10,192.79	-192.14	226.11	-178.66	0.00	0.00	0.00
10,300.00	2.81	130.36	10,292.67	-195.31	229.84	-181.61	0.00	0.00	0.00
10,400.00	2.81	130.36	10,392.55	-198.48	233.57	-184.56	0.00	0.00	0.00
10,500.00	2.81	130.36	10,492.43	-201.65	237.30	-187.51	0.00	0.00	0.00
10,600.00	2.81	130.36	10,592.31	-204.82	241.04	-190.45	0.00	0.00	0.00



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10,700.00	2.81	130.36	10,692.19	-207.99	244.77	-193.40	0.00	0.00	0.00
10,800.00	2.81	130.36	10,792.07	-211.16	248.50	-196.35	0.00	0.00	0.00
10,900.00	2.81	130.36	10,891.95	-214.33	252.23	-199.30	0.00	0.00	0.00
11,000.00	2.81	130.36	10,991.83	-217.50	255.96	-202.25	0.00	0.00	0.00
11,100.00	2.81	130.36	11,091.71	-220.67	259.69	-205.20	0.00	0.00	0.00
11,200.00	2.81	130.36	11,191.59	-223.84	263.42	-208.14	0.00	0.00	0.00
11,300.00	2.81	130.36	11,291.47	-227.02	267.15	-211.09	0.00	0.00	0.00
11,400.00	2.81	130.36	11,391.35	-230.19	270.89	-214.04	0.00	0.00	0.00
11,500.00	2.81	130.36	11,491.23	-233.36	274.62	-216.99	0.00	0.00	0.00
11,600.00	2.81	130.36	11,591.11	-236.53	278.35	-219.94	0.00	0.00	0.00
11,700.00	2.81	130.36	11,690.99	-239.70	282.08	-222.89	0.00	0.00	0.00
11,800.00	2.81	130.36	11,790.87	-242.87	285.81	-225.83	0.00	0.00	0.00
11,900.00	2.81	130.36	11,890.75	-246.04	289.54	-228.78	0.00	0.00	0.00
11,936.89	2.81	130.36	11,927.59	-247.21	290.92	-229.87	0.00	0.00	0.00
11,950.00	2.14	96.54	11,940.69	-247.45	291.41	-230.08	12.00	-5.08	-257.93
11,975.00	3.47	37.31	11,965.67	-246.90	292.33	-229.48	12.00	5.30	-236.90
12,000.00	6.12	19.79	11,990.58	-245.04	293.24	-227.57	12.00	10.61	-70.10
12,025.00	8.99	13.10	12,015.36	-241.88	294.13	-224.37	12.00	11.49	-26.76
12,050.00	11.93	9.66	12,039.94	-237.43	295.01	-219.87	12.00	11.74	-13.78
12,075.00	14.89	7.56	12,064.26	-231.70	295.87	-214.10	12.00	11.84	-8.38
12,100.00	17.86	6.15	12,088.24	-224.71	296.70	-207.07	12.00	11.89	-5.64
12,125.00	20.84	5.13	12,111.83	-216.46	297.51	-198.79	12.00	11.92	-4.08
12,150.00	23.83	4.36	12,134.95	-206.99	298.29	-189.29	12.00	11.94	-3.09
12,175.00	26.82	3.75	12,157.54	-196.33	299.04	-178.60	12.00	11.95	-2.44
12,200.00	29.81	3.25	12,179.55	-184.50	299.76	-166.75	12.00	11.96	-1.98
12,225.00	32.80	2.84	12,200.91	-171.53	300.45	-153.76	12.00	11.97	-1.65
12,250.00	35.79	2.49	12,221.56	-157.46	301.11	-139.67	12.00	11.97	-1.40
12,275.00	38.79	2.19	12,241.44	-142.32	301.72	-124.53	12.00	11.98	-1.21
12,300.00	41.78	1.92	12,260.51	-126.17	302.30	-108.37	12.00	11.98	-1.07
12,325.00	44.78	1.68	12,278.71	-109.04	302.84	-91.24	12.00	11.98	-0.95
12,350.00	47.78	1.47	12,295.99	-90.98	303.33	-73.18	12.00	11.98	-0.85
12,375.00	50.77	1.28	12,312.30	-72.04	303.79	-54.25	12.00	11.99	-0.78
12,400.00	53.77	1.10	12,327.59	-52.28	304.20	-34.50	12.00	11.99	-0.71
12,425.00	56.77	0.93	12,341.84	-31.74	304.56	-13.97	12.00	11.99	-0.66
12,450.00	59.76	0.78	12,354.99	-10.48	304.88	7.27	12.00	11.99	-0.62
12,475.00	62.76	0.63	12,367.01	11.43	305.15	29.16	12.00	11.99	-0.58
12,500.00	65.76	0.50	12,377.86	33.95	305.37	51.65	12.00	11.99	-0.55
12,525.00	68.75	0.37	12,387.53	57.00	305.54	74.68	12.00	11.99	-0.52
12,550.00	71.75	0.24	12,395.97	80.53	305.67	98.17	12.00	11.99	-0.50
12,575.00	74.75	0.12	12,403.18	104.47	305.74	122.07	12.00	11.99	-0.49
12,600.00	77.75	0.00	12,409.12	128.75	305.77	146.31	12.00	11.99	-0.47
12,625.00	80.75	359.89	12,413.78	153.31	305.74	170.83	12.00	11.99	-0.46
12,650.00	83.74	359.77	12,417.15	178.07	305.67	195.55	12.00	11.99	-0.45
12,675.00	86.74	359.66	12,419.23	202.98	305.55	220.41	12.00	11.99	-0.45
12,702.17	90.00	359.54	12,420.00	230.14	305.36	247.51	12.00	11.99	-0.45
12,800.00	90.00	359.54	12,420.00	327.97	304.57	345.13	0.00	0.00	0.00
12,900.00	90.00	359.54	12,420.00	427.96	303.77	444.91	0.00	0.00	0.00
13,000.00	90.00	359.54	12,420.00	527.96	302.97	544.69	0.00	0.00	0.00
13,100.00	90.00	359.54	12,420.00	627.96	302.16	644.47	0.00	0.00	0.00
13,200.00	90.00	359.54	12,420.00	727.95	301.36	744.25	0.00	0.00	0.00
13,300.00	90.00	359.54	12,420.00	827.95	300.56	844.03	0.00	0.00	0.00
13,400.00	90.00	359.54	12,420.00	927.95	299.75	943.81	0.00	0.00	0.00
13,500.00	90.00	359.54	12,420.00	1,027.94	298.95	1,043.59	0.00	0.00	0.00
13,600.00	90.00	359.54	12,420.00	1,127.94	298.15	1,143.37	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 83 NME)
 Site: Barlow 34 Fed Com
 Well: #703H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
 TVD Reference: KB = 25' @ 3286.00usft
 MD Reference: KB = 25' @ 3286.00usft
 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)
13,700.00	90.00	359.54	12,420.00	1,227.94	297.35	1,243.15	0.00	0.00	0.00
13,800.00	90.00	359.54	12,420.00	1,327.93	296.54	1,342.93	0.00	0.00	0.00
13,900.00	90.00	359.54	12,420.00	1,427.93	295.74	1,442.71	0.00	0.00	0.00
14,000.00	90.00	359.54	12,420.00	1,527.93	294.94	1,542.50	0.00	0.00	0.00
14,100.00	90.00	359.54	12,420.00	1,627.92	294.13	1,642.28	0.00	0.00	0.00
14,200.00	90.00	359.54	12,420.00	1,727.92	293.33	1,742.06	0.00	0.00	0.00
14,300.00	90.00	359.54	12,420.00	1,827.92	292.53	1,841.84	0.00	0.00	0.00
14,400.00	90.00	359.54	12,420.00	1,927.91	291.73	1,941.62	0.00	0.00	0.00
14,500.00	90.00	359.54	12,420.00	2,027.91	290.92	2,041.40	0.00	0.00	0.00
14,600.00	90.00	359.54	12,420.00	2,127.91	290.12	2,141.18	0.00	0.00	0.00
14,700.00	90.00	359.54	12,420.00	2,227.90	289.32	2,240.96	0.00	0.00	0.00
14,800.00	90.00	359.54	12,420.00	2,327.90	288.51	2,340.74	0.00	0.00	0.00
14,900.00	90.00	359.54	12,420.00	2,427.90	287.71	2,440.52	0.00	0.00	0.00
15,000.00	90.00	359.54	12,420.00	2,527.90	286.91	2,540.30	0.00	0.00	0.00
15,100.00	90.00	359.54	12,420.00	2,627.89	286.11	2,640.08	0.00	0.00	0.00
15,200.00	90.00	359.54	12,420.00	2,727.89	285.30	2,739.87	0.00	0.00	0.00
15,300.00	90.00	359.54	12,420.00	2,827.89	284.50	2,839.65	0.00	0.00	0.00
15,400.00	90.00	359.54	12,420.00	2,927.88	283.70	2,939.43	0.00	0.00	0.00
15,500.00	90.00	359.54	12,420.00	3,027.88	282.90	3,039.21	0.00	0.00	0.00
15,600.00	90.00	359.54	12,420.00	3,127.88	282.09	3,138.99	0.00	0.00	0.00
15,700.00	90.00	359.54	12,420.00	3,227.87	281.29	3,238.77	0.00	0.00	0.00
15,800.00	90.00	359.54	12,420.00	3,327.87	280.49	3,338.55	0.00	0.00	0.00
15,900.00	90.00	359.54	12,420.00	3,427.87	279.68	3,438.33	0.00	0.00	0.00
16,000.00	90.00	359.54	12,420.00	3,527.86	278.88	3,538.11	0.00	0.00	0.00
16,100.00	90.00	359.54	12,420.00	3,627.86	278.08	3,637.89	0.00	0.00	0.00
16,200.00	90.00	359.54	12,420.00	3,727.86	277.28	3,737.67	0.00	0.00	0.00
16,300.00	90.00	359.54	12,420.00	3,827.85	276.47	3,837.45	0.00	0.00	0.00
16,400.00	90.00	359.54	12,420.00	3,927.85	275.67	3,937.23	0.00	0.00	0.00
16,500.00	90.00	359.54	12,420.00	4,027.85	274.87	4,037.02	0.00	0.00	0.00
16,600.00	90.00	359.54	12,420.00	4,127.84	274.06	4,136.80	0.00	0.00	0.00
16,700.00	90.00	359.54	12,420.00	4,227.84	273.26	4,236.58	0.00	0.00	0.00
16,800.00	90.00	359.54	12,420.00	4,327.84	272.46	4,336.36	0.00	0.00	0.00
16,900.00	90.00	359.54	12,420.00	4,427.83	271.66	4,436.14	0.00	0.00	0.00
17,000.00	90.00	359.54	12,420.00	4,527.83	270.85	4,535.92	0.00	0.00	0.00
17,106.17	90.00	359.54	12,420.00	4,634.00	270.00	4,641.86	0.00	0.00	0.00

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 (Barlow 34 Fed Cor - plan misses target center by 39.49usft at 12514.51usft MD (12383.62 TVD, 47.26 N, 305.48 E) - Point	0.00	0.00	12,420.00	32.00	307.00	365,007.00	779,358.00	32.00116076	-103.56549619
PBHL (Barlow 34 Fed Cor - plan hits target center - Point	0.00	0.00	12,420.00	4,634.00	270.00	369,609.00	779,321.00	32.01381125	-103.56551009