



Lea County, NM (NAD 83 NME)

Barlow 34 Fed Com #705H

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: #705H

Ground Level: 3282.00
KB = 25' @ 3307.00usft
Northing 364982.00 Easting 780006.00 Latitude 32.00107937 Longitude -103.56340652



Azimuths to Grid North
True North: -0.41°
Magnetic North: 6.56°

Magnetic Field
Strength: 47835.4nT
Dip Angle: 59.88°
Date: 3/8/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.56°
To convert a Magnetic Direction to a True Direction, Add 6.96° East
To convert a True Direction to a Grid Direction, Subtract 6.41°

SECTION DETAILS

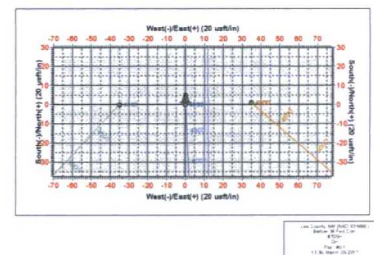
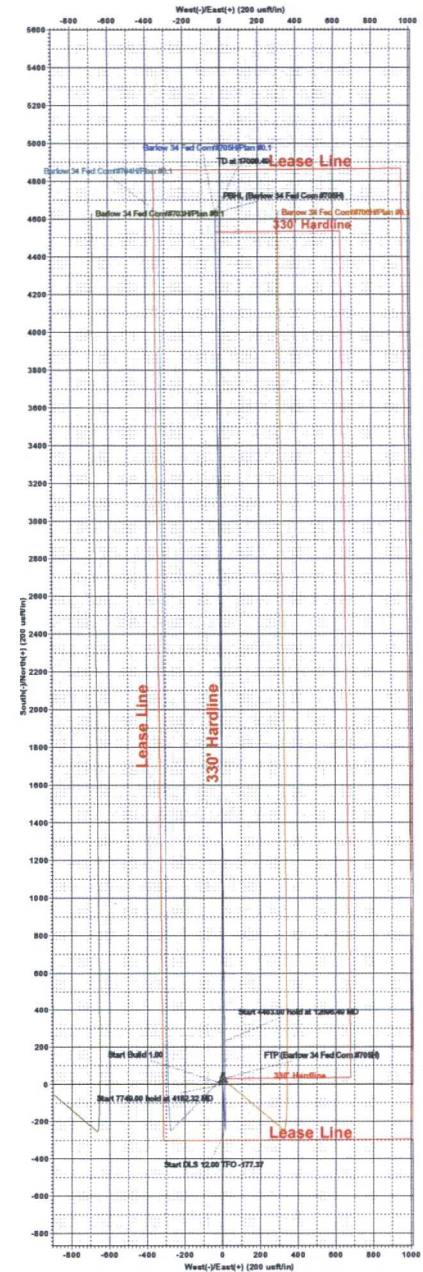
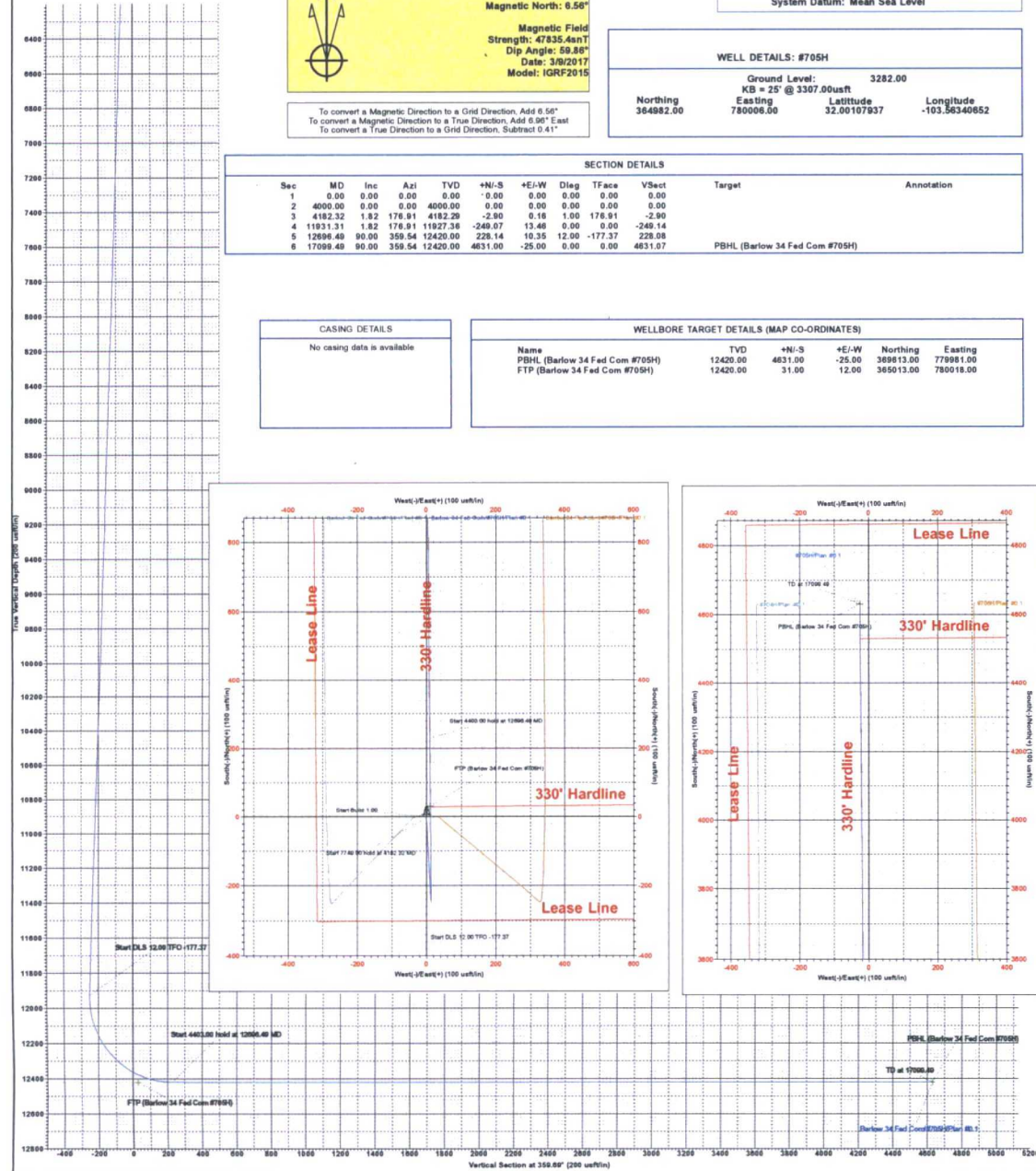
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00		
3	4182.32	1.82	176.91	4182.29	-2.90	0.16	1.00	176.91	-2.90		
4	11931.31	1.82	176.91	11927.36	-249.07	13.46	0.00	0.00	-249.14		
5	12896.49	90.00	359.54	12420.00	228.14	10.35	12.00	-177.37	228.08		
6	17099.49	90.00	359.54	12420.00	4631.00	-25.00	0.00	0.00	4631.07	PBHL (Barlow 34 Fed Com #705H)	

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 #705H)	12420.00	4631.00	-25.00	369613.00	779981.00
FTP (Barlow 34 Fed Com #705H)	12420.00	31.00	12.00	365013.00	780016.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Barlow 34 Fed Com

#705H

OH

Plan: Plan #0.1

Standard Planning Report

09 March, 2017

HOBBS OCD

NOV 06 2017

RECEIVED



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: #705H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #705H
TVD Reference: KB = 25' @ 3307.00usft
MD Reference: KB = 25' @ 3307.00usft
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
From:	Map	Easting:	778,981.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.00107741
		Longitude:	-103.56671303
		Grid Convergence:	0.41 °

Well	#705H		
Well Position	+N/-S	8.00 usft	Northing: 364,982.00 usft
	+E/-W	1,025.00 usft	Easting: 780,006.00 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32.00107938
		Longitude:	-103.56340652
		Ground Level:	3,282.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	3/9/2017	6.96	59.86	47,835

Design	Plan #0.1			
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	359.69

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	
4,182.32	1.82	176.91	4,182.29	-2.90	0.16	1.00	1.00	0.00	176.91	
11,931.31	1.82	176.91	11,927.36	-249.07	13.46	0.00	0.00	0.00	0.00	
12,696.49	90.00	359.54	12,420.00	228.14	10.35	12.00	11.52	-23.18	-177.37	
17,099.49	90.00	359.54	12,420.00	4,631.00	-25.00	0.00	0.00	0.00	0.00	PBHL (Barlow 34 Fed)



EOG Resources, Inc.
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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)
0.00	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	176.91	4,100.00	-0.87	0.05	-0.87	1.00	1.00	0.00
4,182.32	1.82	176.91	4,182.29	-2.90	0.16	-2.90	1.00	1.00	0.00
4,200.00	1.82	176.91	4,199.96	-3.46	0.19	-3.46	0.00	0.00	0.00
4,300.00	1.82	176.91	4,299.91	-6.63	0.36	-6.64	0.00	0.00	0.00
4,400.00	1.82	176.91	4,399.86	-9.81	0.53	-9.81	0.00	0.00	0.00
4,500.00	1.82	176.91	4,499.81	-12.99	0.70	-12.99	0.00	0.00	0.00
4,600.00	1.82	176.91	4,599.76	-16.17	0.87	-16.17	0.00	0.00	0.00
4,700.00	1.82	176.91	4,699.71	-19.34	1.05	-19.35	0.00	0.00	0.00
4,800.00	1.82	176.91	4,799.66	-22.52	1.22	-22.53	0.00	0.00	0.00
4,900.00	1.82	176.91	4,899.61	-25.70	1.39	-25.70	0.00	0.00	0.00
5,000.00	1.82	176.91	4,999.56	-28.87	1.56	-28.88	0.00	0.00	0.00
5,100.00	1.82	176.91	5,099.50	-32.05	1.73	-32.06	0.00	0.00	0.00
5,200.00	1.82	176.91	5,199.45	-35.23	1.90	-35.24	0.00	0.00	0.00



EOG Resources, Inc.

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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)
5,300.00	1.82	176.91	5,299.40	-38.40	2.08	-38.41	0.00	0.00	0.00
5,400.00	1.82	176.91	5,399.35	-41.58	2.25	-41.59	0.00	0.00	0.00
5,500.00	1.82	176.91	5,499.30	-44.76	2.42	-44.77	0.00	0.00	0.00
5,600.00	1.82	176.91	5,599.25	-47.93	2.59	-47.95	0.00	0.00	0.00
5,700.00	1.82	176.91	5,699.20	-51.11	2.76	-51.13	0.00	0.00	0.00
5,800.00	1.82	176.91	5,799.15	-54.29	2.93	-54.30	0.00	0.00	0.00
5,900.00	1.82	176.91	5,899.10	-57.46	3.11	-57.48	0.00	0.00	0.00
6,000.00	1.82	176.91	5,999.05	-60.64	3.28	-60.66	0.00	0.00	0.00
6,100.00	1.82	176.91	6,099.00	-63.82	3.45	-63.84	0.00	0.00	0.00
6,200.00	1.82	176.91	6,198.95	-67.00	3.62	-67.01	0.00	0.00	0.00
6,300.00	1.82	176.91	6,298.90	-70.17	3.79	-70.19	0.00	0.00	0.00
6,400.00	1.82	176.91	6,398.85	-73.35	3.96	-73.37	0.00	0.00	0.00
6,500.00	1.82	176.91	6,498.80	-76.53	4.14	-76.55	0.00	0.00	0.00
6,600.00	1.82	176.91	6,598.75	-79.70	4.31	-79.73	0.00	0.00	0.00
6,700.00	1.82	176.91	6,698.69	-82.88	4.48	-82.90	0.00	0.00	0.00
6,800.00	1.82	176.91	6,798.64	-86.06	4.65	-86.08	0.00	0.00	0.00
6,900.00	1.82	176.91	6,898.59	-89.23	4.82	-89.26	0.00	0.00	0.00
7,000.00	1.82	176.91	6,998.54	-92.41	4.99	-92.44	0.00	0.00	0.00
7,100.00	1.82	176.91	7,098.49	-95.59	5.17	-95.61	0.00	0.00	0.00
7,200.00	1.82	176.91	7,198.44	-98.76	5.34	-98.79	0.00	0.00	0.00
7,300.00	1.82	176.91	7,298.39	-101.94	5.51	-101.97	0.00	0.00	0.00
7,400.00	1.82	176.91	7,398.34	-105.12	5.68	-105.15	0.00	0.00	0.00
7,500.00	1.82	176.91	7,498.29	-108.29	5.85	-108.32	0.00	0.00	0.00
7,600.00	1.82	176.91	7,598.24	-111.47	6.02	-111.50	0.00	0.00	0.00
7,700.00	1.82	176.91	7,698.19	-114.65	6.20	-114.68	0.00	0.00	0.00
7,800.00	1.82	176.91	7,798.14	-117.83	6.37	-117.86	0.00	0.00	0.00
7,900.00	1.82	176.91	7,898.09	-121.00	6.54	-121.04	0.00	0.00	0.00
8,000.00	1.82	176.91	7,998.04	-124.18	6.71	-124.21	0.00	0.00	0.00
8,100.00	1.82	176.91	8,097.99	-127.36	6.88	-127.39	0.00	0.00	0.00
8,200.00	1.82	176.91	8,197.94	-130.53	7.05	-130.57	0.00	0.00	0.00
8,300.00	1.82	176.91	8,297.88	-133.71	7.23	-133.75	0.00	0.00	0.00
8,400.00	1.82	176.91	8,397.83	-136.89	7.40	-136.92	0.00	0.00	0.00
8,500.00	1.82	176.91	8,497.78	-140.06	7.57	-140.10	0.00	0.00	0.00
8,600.00	1.82	176.91	8,597.73	-143.24	7.74	-143.28	0.00	0.00	0.00
8,700.00	1.82	176.91	8,697.68	-146.42	7.91	-146.46	0.00	0.00	0.00
8,800.00	1.82	176.91	8,797.63	-149.59	8.08	-149.64	0.00	0.00	0.00
8,900.00	1.82	176.91	8,897.58	-152.77	8.26	-152.81	0.00	0.00	0.00
9,000.00	1.82	176.91	8,997.53	-155.95	8.43	-155.99	0.00	0.00	0.00
9,100.00	1.82	176.91	9,097.48	-159.12	8.60	-159.17	0.00	0.00	0.00
9,200.00	1.82	176.91	9,197.43	-162.30	8.77	-162.35	0.00	0.00	0.00
9,300.00	1.82	176.91	9,297.38	-165.48	8.94	-165.52	0.00	0.00	0.00
9,400.00	1.82	176.91	9,397.33	-168.66	9.11	-168.70	0.00	0.00	0.00
9,500.00	1.82	176.91	9,497.28	-171.83	9.29	-171.88	0.00	0.00	0.00
9,600.00	1.82	176.91	9,597.23	-175.01	9.46	-175.06	0.00	0.00	0.00
9,700.00	1.82	176.91	9,697.18	-178.19	9.63	-178.24	0.00	0.00	0.00
9,800.00	1.82	176.91	9,797.13	-181.36	9.80	-181.41	0.00	0.00	0.00
9,900.00	1.82	176.91	9,897.08	-184.54	9.97	-184.59	0.00	0.00	0.00
10,000.00	1.82	176.91	9,997.02	-187.72	10.14	-187.77	0.00	0.00	0.00
10,100.00	1.82	176.91	10,096.97	-190.89	10.32	-190.95	0.00	0.00	0.00
10,200.00	1.82	176.91	10,196.92	-194.07	10.49	-194.12	0.00	0.00	0.00
10,300.00	1.82	176.91	10,296.87	-197.25	10.66	-197.30	0.00	0.00	0.00
10,400.00	1.82	176.91	10,396.82	-200.42	10.83	-200.48	0.00	0.00	0.00
10,500.00	1.82	176.91	10,496.77	-203.60	11.00	-203.66	0.00	0.00	0.00
10,600.00	1.82	176.91	10,596.72	-206.78	11.17	-206.84	0.00	0.00	0.00



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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)
10,700.00	1.82	176.91	10,696.67	-209.95	11.35	-210.01	0.00	0.00	0.00
10,800.00	1.82	176.91	10,796.62	-213.13	11.52	-213.19	0.00	0.00	0.00
10,900.00	1.82	176.91	10,896.57	-216.31	11.69	-216.37	0.00	0.00	0.00
11,000.00	1.82	176.91	10,996.52	-219.49	11.86	-219.55	0.00	0.00	0.00
11,100.00	1.82	176.91	11,096.47	-222.66	12.03	-222.72	0.00	0.00	0.00
11,200.00	1.82	176.91	11,196.42	-225.84	12.20	-225.90	0.00	0.00	0.00
11,300.00	1.82	176.91	11,296.37	-229.02	12.38	-229.08	0.00	0.00	0.00
11,400.00	1.82	176.91	11,396.32	-232.19	12.55	-232.26	0.00	0.00	0.00
11,500.00	1.82	176.91	11,496.27	-235.37	12.72	-235.44	0.00	0.00	0.00
11,600.00	1.82	176.91	11,596.21	-238.55	12.89	-238.61	0.00	0.00	0.00
11,700.00	1.82	176.91	11,696.16	-241.72	13.06	-241.79	0.00	0.00	0.00
11,800.00	1.82	176.91	11,796.11	-244.90	13.23	-244.97	0.00	0.00	0.00
11,900.00	1.82	176.91	11,896.06	-248.08	13.41	-248.15	0.00	0.00	0.00
11,931.31	1.82	176.91	11,927.36	-249.07	13.46	-249.14	0.00	0.00	0.00
11,950.00	0.43	10.80	11,946.04	-249.30	13.49	-249.37	12.00	-7.46	-888.99
11,975.00	3.42	0.94	11,971.03	-248.46	13.52	-248.53	12.00	11.97	-39.42
12,000.00	6.42	0.28	11,995.93	-246.32	13.54	-246.39	12.00	12.00	-2.63
12,025.00	9.42	0.04	12,020.69	-242.87	13.55	-242.94	12.00	12.00	-0.96
12,050.00	12.42	359.92	12,045.24	-238.14	13.54	-238.21	12.00	12.00	-0.50
12,075.00	15.42	359.84	12,069.50	-232.12	13.53	-232.19	12.00	12.00	-0.31
12,100.00	18.42	359.79	12,093.41	-224.85	13.51	-224.92	12.00	12.00	-0.21
12,125.00	21.42	359.75	12,116.91	-216.33	13.47	-216.40	12.00	12.00	-0.15
12,150.00	24.42	359.72	12,139.94	-206.59	13.43	-206.66	12.00	12.00	-0.12
12,175.00	27.42	359.70	12,162.42	-195.67	13.38	-195.74	12.00	12.00	-0.09
12,200.00	30.42	359.68	12,184.30	-183.58	13.31	-183.65	12.00	12.00	-0.08
12,225.00	33.42	359.67	12,205.52	-170.36	13.23	-170.43	12.00	12.00	-0.06
12,250.00	36.42	359.65	12,226.01	-156.05	13.15	-156.12	12.00	12.00	-0.05
12,275.00	39.42	359.64	12,245.73	-140.69	13.06	-140.76	12.00	12.00	-0.05
12,300.00	42.42	359.63	12,264.62	-124.32	12.95	-124.39	12.00	12.00	-0.04
12,325.00	45.42	359.62	12,282.63	-106.98	12.84	-107.05	12.00	12.00	-0.04
12,350.00	48.42	359.61	12,299.70	-88.72	12.72	-88.79	12.00	12.00	-0.03
12,375.00	51.42	359.61	12,315.79	-69.59	12.59	-69.66	12.00	12.00	-0.03
12,400.00	54.42	359.60	12,330.86	-49.65	12.45	-49.72	12.00	12.00	-0.03
12,425.00	57.42	359.59	12,344.87	-28.95	12.30	-29.01	12.00	12.00	-0.03
12,450.00	60.42	359.59	12,357.78	-7.54	12.15	-7.60	12.00	12.00	-0.02
12,475.00	63.42	359.58	12,369.54	14.52	11.99	14.45	12.00	12.00	-0.02
12,500.00	66.42	359.58	12,380.14	37.16	11.82	37.09	12.00	12.00	-0.02
12,525.00	69.42	359.57	12,389.53	60.32	11.65	60.25	12.00	12.00	-0.02
12,550.00	72.42	359.57	12,397.70	83.94	11.47	83.88	12.00	12.00	-0.02
12,575.00	75.42	359.56	12,404.63	107.96	11.29	107.90	12.00	12.00	-0.02
12,600.00	78.42	359.56	12,410.28	132.31	11.10	132.25	12.00	12.00	-0.02
12,625.00	81.42	359.55	12,414.66	156.92	10.91	156.86	12.00	12.00	-0.02
12,650.00	84.42	359.55	12,417.74	181.73	10.72	181.66	12.00	12.00	-0.02
12,675.00	87.42	359.54	12,419.52	206.66	10.52	206.60	12.00	12.00	-0.02
12,696.49	90.00	359.54	12,420.00	228.14	10.35	228.08	12.00	12.00	-0.02
12,700.00	90.00	359.54	12,420.00	231.65	10.32	231.59	0.00	0.00	0.00
12,800.00	90.00	359.54	12,420.00	331.65	9.52	331.59	0.00	0.00	0.00
12,900.00	90.00	359.54	12,420.00	431.64	8.72	431.59	0.00	0.00	0.00
13,000.00	90.00	359.54	12,420.00	531.64	7.91	531.59	0.00	0.00	0.00
13,100.00	90.00	359.54	12,420.00	631.64	7.11	631.59	0.00	0.00	0.00
13,200.00	90.00	359.54	12,420.00	731.63	6.31	731.59	0.00	0.00	0.00
13,300.00	90.00	359.54	12,420.00	831.63	5.50	831.59	0.00	0.00	0.00
13,400.00	90.00	359.54	12,420.00	931.63	4.70	931.59	0.00	0.00	0.00
13,500.00	90.00	359.54	12,420.00	1,031.62	3.90	1,031.59	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: #705H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #705H
TVD Reference: KB = 25' @ 3307.00usft
MD Reference: KB = 25' @ 3307.00usft
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)
13,600.00	90.00	359.54	12,420.00	1,131.62	3.10	1,131.59	0.00	0.00	0.00
13,700.00	90.00	359.54	12,420.00	1,231.62	2.29	1,231.59	0.00	0.00	0.00
13,800.00	90.00	359.54	12,420.00	1,331.61	1.49	1,331.59	0.00	0.00	0.00
13,900.00	90.00	359.54	12,420.00	1,431.61	0.69	1,431.59	0.00	0.00	0.00
14,000.00	90.00	359.54	12,420.00	1,531.61	-0.12	1,531.59	0.00	0.00	0.00
14,100.00	90.00	359.54	12,420.00	1,631.60	-0.92	1,631.59	0.00	0.00	0.00
14,200.00	90.00	359.54	12,420.00	1,731.60	-1.72	1,731.59	0.00	0.00	0.00
14,300.00	90.00	359.54	12,420.00	1,831.60	-2.52	1,831.59	0.00	0.00	0.00
14,400.00	90.00	359.54	12,420.00	1,931.60	-3.33	1,931.59	0.00	0.00	0.00
14,500.00	90.00	359.54	12,420.00	2,031.59	-4.13	2,031.58	0.00	0.00	0.00
14,600.00	90.00	359.54	12,420.00	2,131.59	-4.93	2,131.58	0.00	0.00	0.00
14,700.00	90.00	359.54	12,420.00	2,231.59	-5.74	2,231.58	0.00	0.00	0.00
14,800.00	90.00	359.54	12,420.00	2,331.58	-6.54	2,331.58	0.00	0.00	0.00
14,900.00	90.00	359.54	12,420.00	2,431.58	-7.34	2,431.58	0.00	0.00	0.00
15,000.00	90.00	359.54	12,420.00	2,531.58	-8.14	2,531.58	0.00	0.00	0.00
15,100.00	90.00	359.54	12,420.00	2,631.57	-8.95	2,631.58	0.00	0.00	0.00
15,200.00	90.00	359.54	12,420.00	2,731.57	-9.75	2,731.58	0.00	0.00	0.00
15,300.00	90.00	359.54	12,420.00	2,831.57	-10.55	2,831.58	0.00	0.00	0.00
15,400.00	90.00	359.54	12,420.00	2,931.56	-11.36	2,931.58	0.00	0.00	0.00
15,500.00	90.00	359.54	12,420.00	3,031.56	-12.16	3,031.58	0.00	0.00	0.00
15,600.00	90.00	359.54	12,420.00	3,131.56	-12.96	3,131.58	0.00	0.00	0.00
15,700.00	90.00	359.54	12,420.00	3,231.55	-13.76	3,231.58	0.00	0.00	0.00
15,800.00	90.00	359.54	12,420.00	3,331.55	-14.57	3,331.58	0.00	0.00	0.00
15,900.00	90.00	359.54	12,420.00	3,431.55	-15.37	3,431.58	0.00	0.00	0.00
16,000.00	90.00	359.54	12,420.00	3,531.54	-16.17	3,531.58	0.00	0.00	0.00
16,100.00	90.00	359.54	12,420.00	3,631.54	-16.98	3,631.58	0.00	0.00	0.00
16,200.00	90.00	359.54	12,420.00	3,731.54	-17.78	3,731.58	0.00	0.00	0.00
16,300.00	90.00	359.54	12,420.00	3,831.53	-18.58	3,831.58	0.00	0.00	0.00
16,400.00	90.00	359.54	12,420.00	3,931.53	-19.38	3,931.58	0.00	0.00	0.00
16,500.00	90.00	359.54	12,420.00	4,031.53	-20.19	4,031.58	0.00	0.00	0.00
16,600.00	90.00	359.54	12,420.00	4,131.52	-20.99	4,131.58	0.00	0.00	0.00
16,700.00	90.00	359.54	12,420.00	4,231.52	-21.79	4,231.58	0.00	0.00	0.00
16,800.00	90.00	359.54	12,420.00	4,331.52	-22.60	4,331.58	0.00	0.00	0.00
16,900.00	90.00	359.54	12,420.00	4,431.51	-23.40	4,431.58	0.00	0.00	0.00
17,000.00	90.00	359.54	12,420.00	4,531.51	-24.20	4,531.58	0.00	0.00	0.00
17,099.49	90.00	359.54	12,420.00	4,631.00	-25.00	4,631.07	0.00	0.00	0.00

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL (Barlow 34 Fed Cor)	0.00	0.00	12,420.00	4,631.00	-25.00	369,613.00	779,981.00	32.01380934	-103.56338076
- plan hits target center									
- Point									
FTP (Barlow 34 Fed Cor)	0.00	0.00	12,420.00	31.00	12.00	365,013.00	780,018.00	32.00116435	-103.56336710
- plan misses target center by 39.10usft at 12509.28usft MD (12383.77 TVD, 45.70 N, 11.76 E)									
- Point									