



Lea County, NM (NAD 83 NME)

Barlow 34 Fed Com #706H

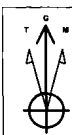
Plan #0.1

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: #706H

Ground Level: 3262.00
KB = 25' @ 3307.00ft
Northing: 364983.00
Easting: 780041.00
Latitude: 32.00108144
Longitude: -103.56329360



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

Magnetic Field
Strength: 47835.5nT
Dip Angle: 59.86°
Date: 3/9/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.56°
To convert a Magnetic Direction to a True Direction, Add 0.90° East
To convert a True Direction to a Grid Direction, Subtract 0.41°

SECTION DETAILS

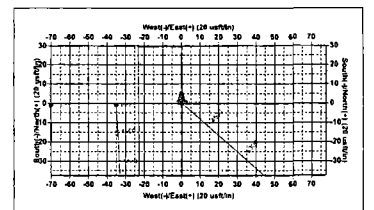
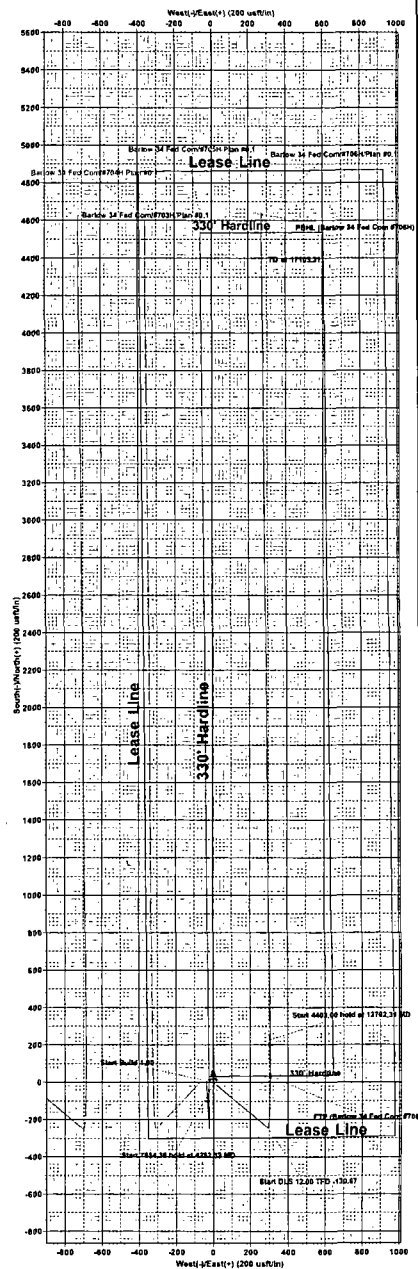
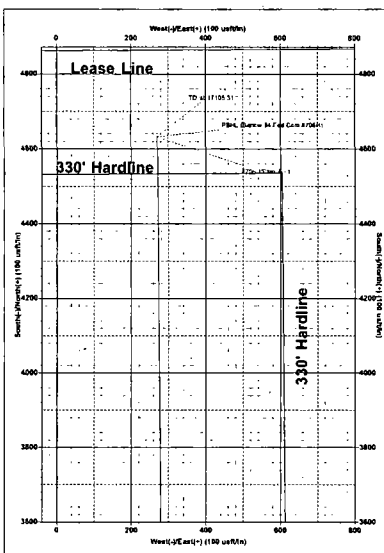
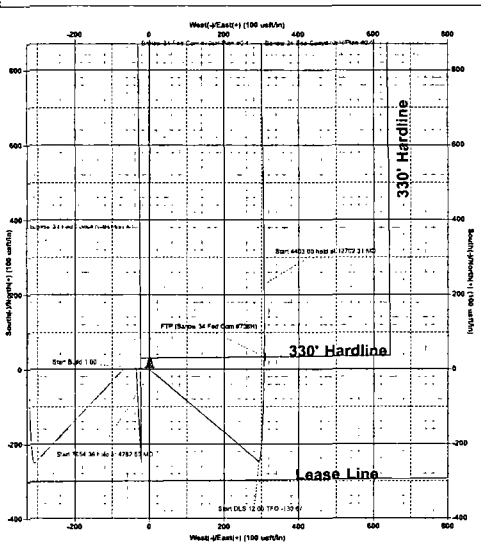
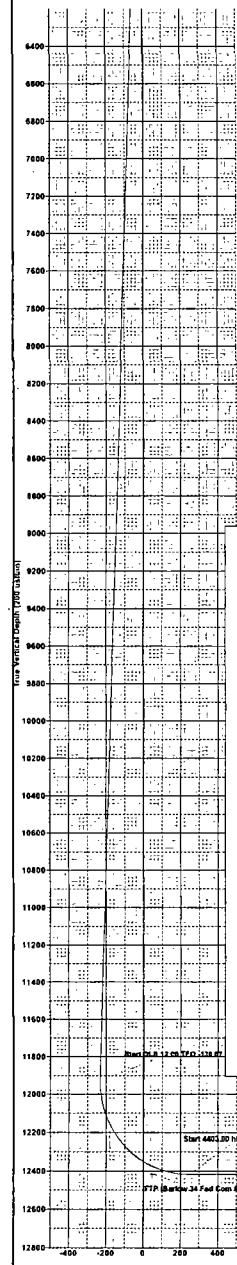
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Diag	TFace	VSeet	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00		
3	4282.59	2.83	130.22	4282.48	-4.50	5.32	1.00	130.22	-4.19		
4	11836.95	2.83	130.22	11827.53	-248.20	293.46	0.00	0.00	-233.64		
5	12701.31	90.00	359.52	12420.00	228.15	307.89	12.00	-130.67	245.75		
6	17195.31	90.00	359.52	12420.00	4632.00	271.00	0.00	0.00	4639.92		PBHL (Barlow 34 Fed Com #706H)

CASING DETAILS

No casing data is available

WELLSBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
PBHL (Barlow 34 Fed Com #706H)	12420.00	4632.00	271.00	369815.00	780312.00
FTP (Barlow 34 Fed Com #706H)	12420.00	32.00	310.00	365815.00	780315.00



Scale: 1 inch = 100 feet
North Arrow



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Barlow 34 Fed Com

#706H

OH

Plan: Plan #0.1

HOBBS OCD

NOV 06 2017

RECEIVED

Standard Planning Report

09 March, 2017



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' @ 3307.00usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3307.00usft
Site:	Barlow 34 Fed Com	North Reference:	Grid
Well:	#706H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	#706H		
Well Position	+N/-S	9.00 usft	Northing:
	+E/-W	1,060.00 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32.00108144
		Longitude:	-103.56329360
		Ground Level:	3,282.00 usft

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

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			3.35

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	
4,282.60	2.83	130.22	4,282.48	-4.50	5.32	1.00	1.00	0.00	130.22	
11,936.95	2.83	130.22	11,927.53	-248.20	293.46	0.00	0.00	0.00	0.00	
12,702.31	90.00	359.52	12,420.00	229.15	307.89	12.00	11.39	-17.08	-130.67	
17,105.31	90.00	359.52	12,420.00	4,632.00	271.00	0.00	0.00	0.00	0.00	PBHL (Barlow 34 Fed



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: #706H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #706H
 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)
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	130.22	4,100.00	-0.56	0.67	-0.52	1.00	1.00	0.00
4,200.00	2.00	130.22	4,199.96	-2.25	2.66	-2.09	1.00	1.00	0.00
4,282.60	2.83	130.22	4,282.48	-4.50	5.32	-4.18	1.00	1.00	0.00
4,300.00	2.83	130.22	4,299.86	-5.05	5.98	-4.70	0.00	0.00	0.00
4,400.00	2.83	130.22	4,399.74	-8.24	9.74	-7.65	0.00	0.00	0.00
4,500.00	2.83	130.22	4,499.62	-11.42	13.50	-10.61	0.00	0.00	0.00
4,600.00	2.83	130.22	4,599.50	-14.61	17.27	-13.57	0.00	0.00	0.00
4,700.00	2.83	130.22	4,699.38	-17.79	21.03	-16.53	0.00	0.00	0.00
4,800.00	2.83	130.22	4,799.26	-20.97	24.80	-19.49	0.00	0.00	0.00
4,900.00	2.83	130.22	4,899.13	-24.16	28.56	-22.45	0.00	0.00	0.00
5,000.00	2.83	130.22	4,999.01	-27.34	32.33	-25.41	0.00	0.00	0.00
5,100.00	2.83	130.22	5,098.89	-30.52	36.09	-28.36	0.00	0.00	0.00
5,200.00	2.83	130.22	5,198.77	-33.71	39.85	-31.32	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' @ 3307.00usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3307.00usft
Site:	Barlow 34 Fed Com	North Reference:	Grid
Well:	#706H	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)	
5,300.00	2.83	130.22	5,298.65	-36.89	43.62	-34.28	0.00	0.00	0.00	
5,400.00	2.83	130.22	5,398.53	-40.08	47.38	-37.24	0.00	0.00	0.00	
5,500.00	2.83	130.22	5,498.41	-43.26	51.15	-40.20	0.00	0.00	0.00	
5,600.00	2.83	130.22	5,598.28	-46.44	54.91	-43.16	0.00	0.00	0.00	
5,700.00	2.83	130.22	5,698.16	-49.63	58.68	-46.12	0.00	0.00	0.00	
5,800.00	2.83	130.22	5,798.04	-52.81	62.44	-49.07	0.00	0.00	0.00	
5,900.00	2.83	130.22	5,897.92	-55.99	66.20	-52.03	0.00	0.00	0.00	
6,000.00	2.83	130.22	5,997.80	-59.18	69.97	-54.99	0.00	0.00	0.00	
6,100.00	2.83	130.22	6,097.68	-62.36	73.73	-57.95	0.00	0.00	0.00	
6,200.00	2.83	130.22	6,197.55	-65.55	77.50	-60.91	0.00	0.00	0.00	
6,300.00	2.83	130.22	6,297.43	-68.73	81.26	-63.87	0.00	0.00	0.00	
6,400.00	2.83	130.22	6,397.31	-71.91	85.03	-66.83	0.00	0.00	0.00	
6,500.00	2.83	130.22	6,497.19	-75.10	88.79	-69.78	0.00	0.00	0.00	
6,600.00	2.83	130.22	6,597.07	-78.28	92.55	-72.74	0.00	0.00	0.00	
6,700.00	2.83	130.22	6,696.95	-81.47	96.32	-75.70	0.00	0.00	0.00	
6,800.00	2.83	130.22	6,796.82	-84.65	100.08	-78.66	0.00	0.00	0.00	
6,900.00	2.83	130.22	6,896.70	-87.83	103.85	-81.62	0.00	0.00	0.00	
7,000.00	2.83	130.22	6,996.58	-91.02	107.61	-84.58	0.00	0.00	0.00	
7,100.00	2.83	130.22	7,096.46	-94.20	111.38	-87.54	0.00	0.00	0.00	
7,200.00	2.83	130.22	7,196.34	-97.38	115.14	-90.49	0.00	0.00	0.00	
7,300.00	2.83	130.22	7,296.22	-100.57	118.91	-93.45	0.00	0.00	0.00	
7,400.00	2.83	130.22	7,396.09	-103.75	122.67	-96.41	0.00	0.00	0.00	
7,500.00	2.83	130.22	7,495.97	-106.94	126.43	-99.37	0.00	0.00	0.00	
7,600.00	2.83	130.22	7,595.85	-110.12	130.20	-102.33	0.00	0.00	0.00	
7,700.00	2.83	130.22	7,695.73	-113.30	133.96	-105.29	0.00	0.00	0.00	
7,800.00	2.83	130.22	7,795.61	-116.49	137.73	-108.24	0.00	0.00	0.00	
7,900.00	2.83	130.22	7,895.49	-119.67	141.49	-111.20	0.00	0.00	0.00	
8,000.00	2.83	130.22	7,995.36	-122.86	145.26	-114.16	0.00	0.00	0.00	
8,100.00	2.83	130.22	8,095.24	-126.04	149.02	-117.12	0.00	0.00	0.00	
8,200.00	2.83	130.22	8,195.12	-129.22	152.78	-120.08	0.00	0.00	0.00	
8,300.00	2.83	130.22	8,295.00	-132.41	156.55	-123.04	0.00	0.00	0.00	
8,400.00	2.83	130.22	8,394.88	-135.59	160.31	-126.00	0.00	0.00	0.00	
8,500.00	2.83	130.22	8,494.76	-138.77	164.08	-128.95	0.00	0.00	0.00	
8,600.00	2.83	130.22	8,594.64	-141.96	167.84	-131.91	0.00	0.00	0.00	
8,700.00	2.83	130.22	8,694.51	-145.14	171.61	-134.87	0.00	0.00	0.00	
8,800.00	2.83	130.22	8,794.39	-148.33	175.37	-137.83	0.00	0.00	0.00	
8,900.00	2.83	130.22	8,894.27	-151.51	179.13	-140.79	0.00	0.00	0.00	
9,000.00	2.83	130.22	8,994.15	-154.69	182.90	-143.75	0.00	0.00	0.00	
9,100.00	2.83	130.22	9,094.03	-157.88	186.66	-146.71	0.00	0.00	0.00	
9,200.00	2.83	130.22	9,193.91	-161.06	190.43	-149.66	0.00	0.00	0.00	
9,300.00	2.83	130.22	9,293.78	-164.25	194.19	-152.62	0.00	0.00	0.00	
9,400.00	2.83	130.22	9,393.66	-167.43	197.96	-155.58	0.00	0.00	0.00	
9,500.00	2.83	130.22	9,493.54	-170.61	201.72	-158.54	0.00	0.00	0.00	
9,600.00	2.83	130.22	9,593.42	-173.80	205.49	-161.50	0.00	0.00	0.00	
9,700.00	2.83	130.22	9,693.30	-176.98	209.25	-164.46	0.00	0.00	0.00	
9,800.00	2.83	130.22	9,793.18	-180.16	213.01	-167.42	0.00	0.00	0.00	
9,900.00	2.83	130.22	9,893.05	-183.35	216.78	-170.37	0.00	0.00	0.00	
10,000.00	2.83	130.22	9,992.93	-186.53	220.54	-173.33	0.00	0.00	0.00	
10,100.00	2.83	130.22	10,092.81	-189.72	224.31	-176.29	0.00	0.00	0.00	
10,200.00	2.83	130.22	10,192.69	-192.90	228.07	-179.25	0.00	0.00	0.00	
10,300.00	2.83	130.22	10,292.57	-196.08	231.84	-182.21	0.00	0.00	0.00	
10,400.00	2.83	130.22	10,392.45	-199.27	235.60	-185.17	0.00	0.00	0.00	
10,500.00	2.83	130.22	10,492.32	-202.45	239.36	-188.13	0.00	0.00	0.00	
10,600.00	2.83	130.22	10,592.20	-205.63	243.13	-191.08	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: #706H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #706H
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)
10,700.00	2.83	130.22	10,692.08	-208.82	246.89	-194.04	0.00	0.00	0.00
10,800.00	2.83	130.22	10,791.96	-212.00	250.66	-197.00	0.00	0.00	0.00
10,900.00	2.83	130.22	10,891.84	-215.19	254.42	-199.96	0.00	0.00	0.00
11,000.00	2.83	130.22	10,991.72	-218.37	258.19	-202.92	0.00	0.00	0.00
11,100.00	2.83	130.22	11,091.60	-221.55	261.95	-205.88	0.00	0.00	0.00
11,200.00	2.83	130.22	11,191.47	-224.74	265.71	-208.83	0.00	0.00	0.00
11,300.00	2.83	130.22	11,291.35	-227.92	269.48	-211.79	0.00	0.00	0.00
11,400.00	2.83	130.22	11,391.23	-231.11	273.24	-214.75	0.00	0.00	0.00
11,500.00	2.83	130.22	11,491.11	-234.29	277.01	-217.71	0.00	0.00	0.00
11,600.00	2.83	130.22	11,590.99	-237.47	280.77	-220.67	0.00	0.00	0.00
11,700.00	2.83	130.22	11,690.87	-240.66	284.54	-223.63	0.00	0.00	0.00
11,800.00	2.83	130.22	11,790.74	-243.84	288.30	-226.59	0.00	0.00	0.00
11,900.00	2.83	130.22	11,890.62	-247.02	292.06	-229.54	0.00	0.00	0.00
11,936.95	2.83	130.22	11,927.53	-248.20	293.46	-230.64	0.00	0.00	0.00
11,950.00	2.16	96.88	11,940.57	-248.44	293.95	-230.85	12.00	-5.10	-255.55
11,975.00	3.46	37.69	11,965.54	-247.90	294.88	-230.25	12.00	5.22	-236.74
12,000.00	6.11	19.98	11,990.45	-246.05	295.79	-228.35	12.00	10.58	-70.85
12,025.00	8.98	13.22	12,015.23	-242.90	296.69	-225.15	12.00	11.48	-27.06
12,050.00	11.91	9.74	12,039.82	-238.45	297.58	-220.67	12.00	11.74	-13.93
12,075.00	14.88	7.62	12,064.13	-232.73	298.44	-214.90	12.00	11.84	-8.46
12,100.00	17.85	6.19	12,088.12	-225.74	299.28	-207.87	12.00	11.89	-5.70
12,125.00	20.83	5.16	12,111.70	-217.50	300.09	-199.60	12.00	11.92	-4.12
12,150.00	23.81	4.38	12,134.83	-208.04	300.88	-190.11	12.00	11.94	-3.12
12,175.00	26.80	3.77	12,157.43	-197.38	301.63	-179.42	12.00	11.95	-2.46
12,200.00	29.79	3.27	12,179.44	-185.55	302.36	-167.57	12.00	11.96	-2.00
12,225.00	32.79	2.85	12,200.80	-172.59	303.05	-154.59	12.00	11.97	-1.67
12,250.00	35.78	2.50	12,221.45	-158.52	303.70	-140.51	12.00	11.97	-1.42
12,275.00	38.77	2.19	12,241.34	-143.39	304.32	-125.38	12.00	11.98	-1.23
12,300.00	41.77	1.92	12,260.42	-127.25	304.90	-109.22	12.00	11.98	-1.08
12,325.00	44.76	1.68	12,278.62	-110.12	305.44	-92.10	12.00	11.98	-0.96
12,350.00	47.76	1.47	12,295.90	-92.07	305.93	-74.04	12.00	11.98	-0.86
12,375.00	50.76	1.27	12,312.22	-73.14	306.39	-55.12	12.00	11.99	-0.78
12,400.00	53.75	1.09	12,327.52	-53.37	306.79	-35.36	12.00	11.99	-0.72
12,425.00	56.75	0.93	12,341.77	-32.84	307.15	-14.84	12.00	11.99	-0.67
12,450.00	59.75	0.77	12,354.92	-11.58	307.47	6.39	12.00	11.99	-0.62
12,475.00	62.74	0.62	12,366.95	10.33	307.73	28.29	12.00	11.99	-0.58
12,500.00	65.74	0.49	12,377.81	32.84	307.95	50.77	12.00	11.99	-0.55
12,525.00	68.74	0.35	12,387.48	55.89	308.12	73.79	12.00	11.99	-0.53
12,550.00	71.74	0.23	12,395.93	79.42	308.24	97.28	12.00	11.99	-0.51
12,575.00	74.73	0.11	12,403.14	103.35	308.31	121.18	12.00	11.99	-0.49
12,600.00	77.73	359.99	12,409.09	127.63	308.33	145.42	12.00	11.99	-0.48
12,625.00	80.73	359.87	12,413.76	152.19	308.30	169.93	12.00	11.99	-0.47
12,650.00	83.73	359.76	12,417.14	176.95	308.22	194.65	12.00	11.99	-0.46
12,675.00	86.73	359.64	12,419.22	201.86	308.09	219.51	12.00	11.99	-0.45
12,702.31	90.00	359.52	12,420.00	229.15	307.89	246.75	12.00	11.99	-0.45
12,800.00	90.00	359.52	12,420.00	326.85	307.07	344.22	0.00	0.00	0.00
12,900.00	90.00	359.52	12,420.00	426.84	306.23	444.00	0.00	0.00	0.00
13,000.00	90.00	359.52	12,420.00	526.84	305.39	543.78	0.00	0.00	0.00
13,100.00	90.00	359.52	12,420.00	626.84	304.55	643.55	0.00	0.00	0.00
13,200.00	90.00	359.52	12,420.00	726.83	303.72	743.33	0.00	0.00	0.00
13,300.00	90.00	359.52	12,420.00	826.83	302.88	843.11	0.00	0.00	0.00
13,400.00	90.00	359.52	12,420.00	926.82	302.04	942.88	0.00	0.00	0.00
13,500.00	90.00	359.52	12,420.00	1,026.82	301.20	1,042.66	0.00	0.00	0.00
13,600.00	90.00	359.52	12,420.00	1,126.82	300.37	1,142.44	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' @ 3307.00usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3307.00usft
Site:	Barlow 34 Fed Cor	North Reference:	Grid
Well:	#706H	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)
13,700.00	90.00	359.52	12,420.00	1,226.81	299.53	1,242.21	0.00	0.00	0.00
13,800.00	90.00	359.52	12,420.00	1,326.81	298.69	1,341.99	0.00	0.00	0.00
13,900.00	90.00	359.52	12,420.00	1,426.81	297.85	1,441.77	0.00	0.00	0.00
14,000.00	90.00	359.52	12,420.00	1,526.80	297.01	1,541.54	0.00	0.00	0.00
14,100.00	90.00	359.52	12,420.00	1,626.80	296.18	1,641.32	0.00	0.00	0.00
14,200.00	90.00	359.52	12,420.00	1,726.80	295.34	1,741.10	0.00	0.00	0.00
14,300.00	90.00	359.52	12,420.00	1,826.79	294.50	1,840.88	0.00	0.00	0.00
14,400.00	90.00	359.52	12,420.00	1,926.79	293.66	1,940.65	0.00	0.00	0.00
14,500.00	90.00	359.52	12,420.00	2,026.79	292.83	2,040.43	0.00	0.00	0.00
14,600.00	90.00	359.52	12,420.00	2,126.78	291.99	2,140.21	0.00	0.00	0.00
14,700.00	90.00	359.52	12,420.00	2,226.78	291.15	2,239.98	0.00	0.00	0.00
14,800.00	90.00	359.52	12,420.00	2,326.78	290.31	2,339.76	0.00	0.00	0.00
14,900.00	90.00	359.52	12,420.00	2,426.77	289.47	2,439.54	0.00	0.00	0.00
15,000.00	90.00	359.52	12,420.00	2,526.77	288.64	2,539.31	0.00	0.00	0.00
15,100.00	90.00	359.52	12,420.00	2,626.76	287.80	2,639.09	0.00	0.00	0.00
15,200.00	90.00	359.52	12,420.00	2,726.76	286.96	2,738.87	0.00	0.00	0.00
15,300.00	90.00	359.52	12,420.00	2,826.76	286.12	2,838.64	0.00	0.00	0.00
15,400.00	90.00	359.52	12,420.00	2,926.75	285.29	2,938.42	0.00	0.00	0.00
15,500.00	90.00	359.52	12,420.00	3,026.75	284.45	3,038.20	0.00	0.00	0.00
15,600.00	90.00	359.52	12,420.00	3,126.75	283.61	3,137.97	0.00	0.00	0.00
15,700.00	90.00	359.52	12,420.00	3,226.74	282.77	3,237.75	0.00	0.00	0.00
15,800.00	90.00	359.52	12,420.00	3,326.74	281.94	3,337.53	0.00	0.00	0.00
15,900.00	90.00	359.52	12,420.00	3,426.74	281.10	3,437.30	0.00	0.00	0.00
16,000.00	90.00	359.52	12,420.00	3,526.73	280.26	3,537.08	0.00	0.00	0.00
16,100.00	90.00	359.52	12,420.00	3,626.73	279.42	3,636.86	0.00	0.00	0.00
16,200.00	90.00	359.52	12,420.00	3,726.73	278.58	3,736.64	0.00	0.00	0.00
16,300.00	90.00	359.52	12,420.00	3,826.72	277.75	3,836.41	0.00	0.00	0.00
16,400.00	90.00	359.52	12,420.00	3,926.72	276.91	3,936.19	0.00	0.00	0.00
16,500.00	90.00	359.52	12,420.00	4,026.72	276.07	4,035.97	0.00	0.00	0.00
16,600.00	90.00	359.52	12,420.00	4,126.71	275.23	4,135.74	0.00	0.00	0.00
16,700.00	90.00	359.52	12,420.00	4,226.71	274.40	4,235.52	0.00	0.00	0.00
16,800.00	90.00	359.52	12,420.00	4,326.71	273.56	4,335.30	0.00	0.00	0.00
16,900.00	90.00	359.52	12,420.00	4,426.70	272.72	4,435.07	0.00	0.00	0.00
17,000.00	90.00	359.52	12,420.00	4,526.70	271.88	4,534.85	0.00	0.00	0.00
17,105.31	90.00	359.52	12,420.00	4,632.00	271.00	4,639.92	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	4,632.00	271.00	369,615.00	780,312.00	32.01380835	-103.56231287
- plan hits target center									
- Point									
FTP (Barlow 34 Fed Cor	0.00	0.00	12,420.00	32.00	310.00	365,015.00	780,351.00	32.00116333	-103.56229291
- plan misses target center by 39.13usft at 12515.56usft MD (12383.97 TVD, 47.13 N, 308.06 E)									
- Point									