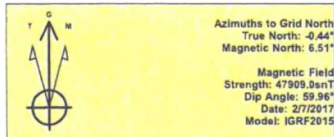




Lea County, NM (NAD 27 NME)

Fox 30 Fed Com #703H

Plan #0.1



Azimuths to Grid North
True North: -0.44°
Magnetic North: 6.51°

Magnetic Field
Strength: 47909.9nT
Dip Angle: 59.94°
Date: 2/7/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.51°
To convert a Magnetic Direction to a True Direction, Add 6.95° East
To convert a True Direction to a Grid Direction, Subtract 0.44°

PROJECT DETAILS: Lea County, NM (NAD 27 NME)

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

WELL DETAILS: #703H

Ground Level: 3323.0
KB = 25' @ 3348.0usft
Northing: 401142.00
Easting: 756999.00
Latitude: 32.10013625
Longitude: -103.50339958

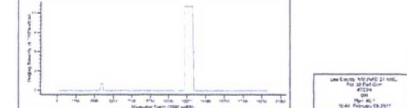
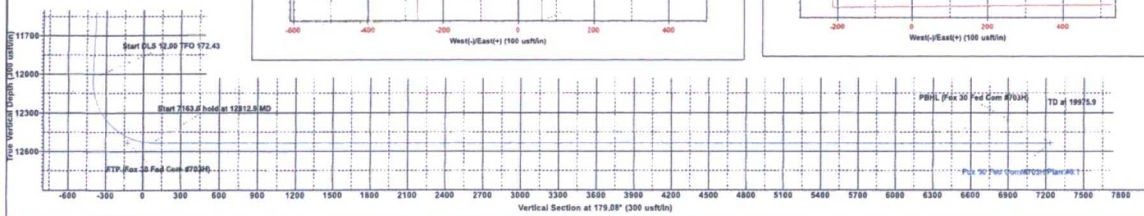
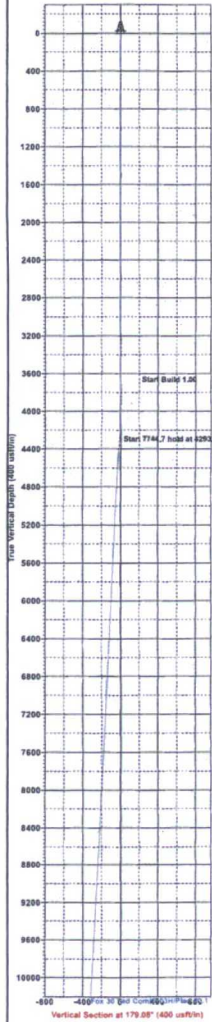
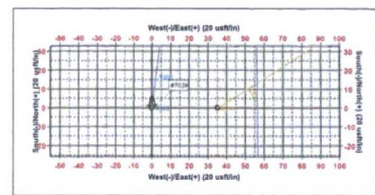
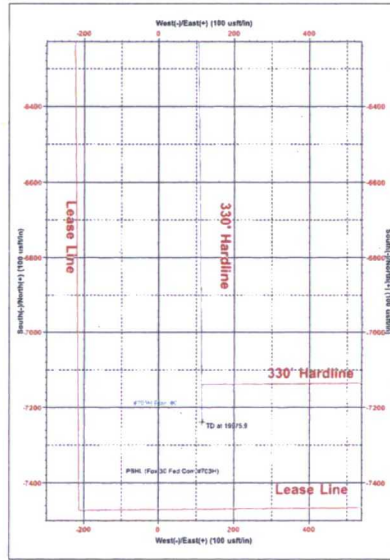
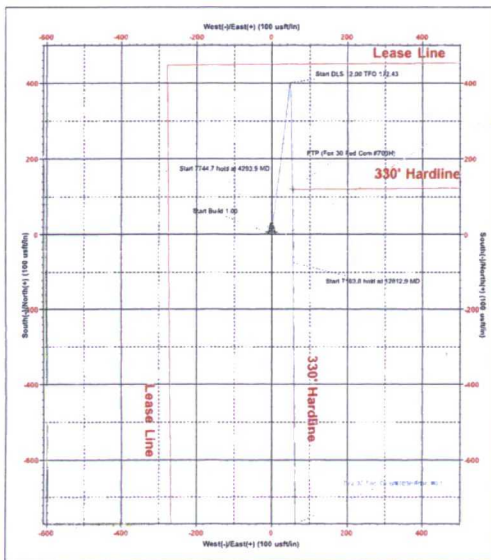
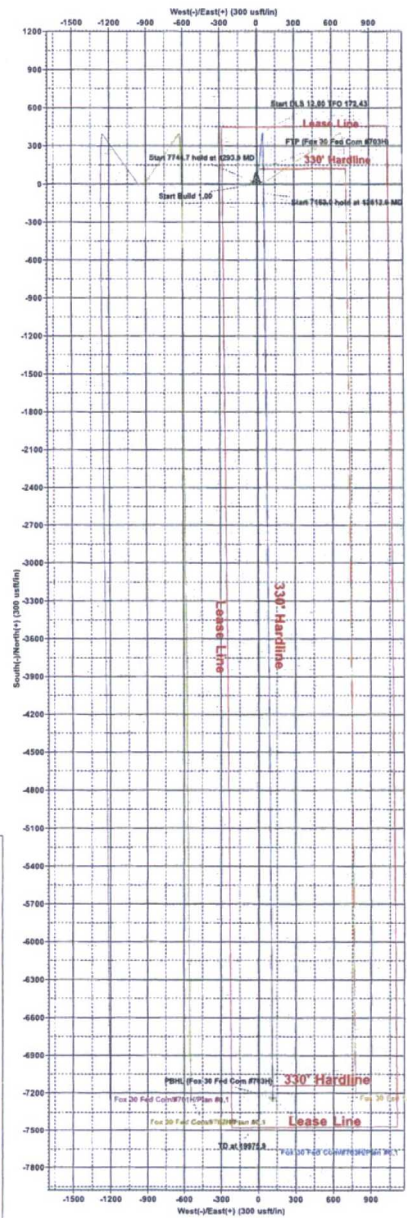
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0	
3	4293.9	2.94	7.09	4293.8	7.5	0.9	1.00	7.09	-7.5	
4	12038.6	2.94	7.09	12028.3	401.6	49.9	0.00	0.00	-400.7	
5	12812.9	90.00	179.53	12530.0	-75.2	57.2	12.00	172.43	76.1	PBHL (Fox 30 Fed Com #703H)
6	19975.9	90.00	179.53	12530.0	-7238.0	116.0	0.00	0.00	7238.9	

CASING DETAILS
No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
FTP (Fox 30 Fed Com #703H)	12530.0	121.0	56.0	401263.00	757055.00
PBHL (Fox 30 Fed Com #703H)	12530.0	-7238.0	116.0	393904.00	757115.00





EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Fox 30 Fed Com

#703H

OH

Plan: Plan #0.1

Standard Planning Report

08 February, 2017

HOBBS OCD
JUN 19 2017
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EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Fox 30 Fed Com
Well: #703H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 25' @ 3348.0usft
MD Reference: KB = 25' @ 3348.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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	Fox 30 Fed Com		
Site Position:		Northing:	401,135.00 usft
From:	Map	Easting:	756,049.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32.10013707
		Longitude:	-103.50646734
		Grid Convergence:	0.44 °

Well	#703H		
Well Position	+N/-S	7.0 usft	Northing:
	+E/-W	950.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32.10013624
		Longitude:	-103.50339958
		Ground Level:	3,323.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	2/7/2017	(°)
			6.95
			Dip Angle
			(°)
			59.96
			Field Strength
			(nT)
			47,909

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
			(°)
			179.08

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,293.9	2.94	7.09	4,293.8	7.5	0.9	1.00	1.00	0.00	7.09	
12,038.6	2.94	7.09	12,028.3	401.6	49.9	0.00	0.00	0.00	0.00	
12,812.9	90.00	179.53	12,530.0	-75.2	57.2	12.00	11.24	22.27	172.43	
19,975.9	90.00	179.53	12,530.0	-7,238.0	116.0	0.00	0.00	0.00	0.00	PBHL (Fox 30 Fed Cc



Database: EDM 5000.1 Single User Db
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Local Co-ordinate Reference: Well #703H
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 MD Reference: KB = 25' @ 3348.0usft
 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)
0.0	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	1.00	7.09	4,100.0	0.9	0.1	-0.9	1.00	1.00	0.00
4,200.0	2.00	7.09	4,200.0	3.5	0.4	-3.5	1.00	1.00	0.00
4,293.9	2.94	7.09	4,293.8	7.5	0.9	-7.5	1.00	1.00	0.00
4,300.0	2.94	7.09	4,299.9	7.8	1.0	-7.8	0.00	0.00	0.00
4,400.0	2.94	7.09	4,399.7	12.9	1.6	-12.9	0.00	0.00	0.00
4,500.0	2.94	7.09	4,499.6	18.0	2.2	-17.9	0.00	0.00	0.00
4,600.0	2.94	7.09	4,599.5	23.1	2.9	-23.0	0.00	0.00	0.00
4,700.0	2.94	7.09	4,699.3	28.1	3.5	-28.1	0.00	0.00	0.00
4,800.0	2.94	7.09	4,799.2	33.2	4.1	-33.2	0.00	0.00	0.00
4,900.0	2.94	7.09	4,899.1	38.3	4.8	-38.2	0.00	0.00	0.00
5,000.0	2.94	7.09	4,998.9	43.4	5.4	-43.3	0.00	0.00	0.00
5,100.0	2.94	7.09	5,098.8	48.5	6.0	-48.4	0.00	0.00	0.00
5,200.0	2.94	7.09	5,198.7	53.6	6.7	-53.5	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

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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)
5,300.0	2.94	7.09	5,298.5	58.7	7.3	-58.5	0.00	0.00	0.00
5,400.0	2.94	7.09	5,398.4	63.8	7.9	-63.6	0.00	0.00	0.00
5,500.0	2.94	7.09	5,498.3	68.9	8.6	-68.7	0.00	0.00	0.00
5,600.0	2.94	7.09	5,598.2	73.9	9.2	-73.8	0.00	0.00	0.00
5,700.0	2.94	7.09	5,698.0	79.0	9.8	-78.9	0.00	0.00	0.00
5,800.0	2.94	7.09	5,797.9	84.1	10.5	-83.9	0.00	0.00	0.00
5,900.0	2.94	7.09	5,897.8	89.2	11.1	-89.0	0.00	0.00	0.00
6,000.0	2.94	7.09	5,997.6	94.3	11.7	-94.1	0.00	0.00	0.00
6,100.0	2.94	7.09	6,097.5	99.4	12.4	-99.2	0.00	0.00	0.00
6,200.0	2.94	7.09	6,197.4	104.5	13.0	-104.2	0.00	0.00	0.00
6,300.0	2.94	7.09	6,297.2	109.6	13.6	-109.3	0.00	0.00	0.00
6,400.0	2.94	7.09	6,397.1	114.6	14.3	-114.4	0.00	0.00	0.00
6,500.0	2.94	7.09	6,497.0	119.7	14.9	-119.5	0.00	0.00	0.00
6,600.0	2.94	7.09	6,596.8	124.8	15.5	-124.6	0.00	0.00	0.00
6,700.0	2.94	7.09	6,696.7	129.9	16.2	-129.6	0.00	0.00	0.00
6,800.0	2.94	7.09	6,796.6	135.0	16.8	-134.7	0.00	0.00	0.00
6,900.0	2.94	7.09	6,896.4	140.1	17.4	-139.8	0.00	0.00	0.00
7,000.0	2.94	7.09	6,996.3	145.2	18.1	-144.9	0.00	0.00	0.00
7,100.0	2.94	7.09	7,096.2	150.3	18.7	-149.9	0.00	0.00	0.00
7,200.0	2.94	7.09	7,196.0	155.4	19.3	-155.0	0.00	0.00	0.00
7,300.0	2.94	7.09	7,295.9	160.4	20.0	-160.1	0.00	0.00	0.00
7,400.0	2.94	7.09	7,395.8	165.5	20.6	-165.2	0.00	0.00	0.00
7,500.0	2.94	7.09	7,495.7	170.6	21.2	-170.3	0.00	0.00	0.00
7,600.0	2.94	7.09	7,595.5	175.7	21.9	-175.3	0.00	0.00	0.00
7,700.0	2.94	7.09	7,695.4	180.8	22.5	-180.4	0.00	0.00	0.00
7,800.0	2.94	7.09	7,795.3	185.9	23.1	-185.5	0.00	0.00	0.00
7,900.0	2.94	7.09	7,895.1	191.0	23.8	-190.6	0.00	0.00	0.00
8,000.0	2.94	7.09	7,995.0	196.1	24.4	-195.6	0.00	0.00	0.00
8,100.0	2.94	7.09	8,094.9	201.1	25.0	-200.7	0.00	0.00	0.00
8,200.0	2.94	7.09	8,194.7	206.2	25.6	-205.8	0.00	0.00	0.00
8,300.0	2.94	7.09	8,294.6	211.3	26.3	-210.9	0.00	0.00	0.00
8,400.0	2.94	7.09	8,394.5	216.4	26.9	-216.0	0.00	0.00	0.00
8,500.0	2.94	7.09	8,494.3	221.5	27.5	-221.0	0.00	0.00	0.00
8,600.0	2.94	7.09	8,594.2	226.6	28.2	-226.1	0.00	0.00	0.00
8,700.0	2.94	7.09	8,694.1	231.7	28.8	-231.2	0.00	0.00	0.00
8,800.0	2.94	7.09	8,793.9	236.8	29.4	-236.3	0.00	0.00	0.00
8,900.0	2.94	7.09	8,893.8	241.9	30.1	-241.3	0.00	0.00	0.00
9,000.0	2.94	7.09	8,993.7	246.9	30.7	-246.4	0.00	0.00	0.00
9,100.0	2.94	7.09	9,093.5	252.0	31.3	-251.5	0.00	0.00	0.00
9,200.0	2.94	7.09	9,193.4	257.1	32.0	-256.6	0.00	0.00	0.00
9,300.0	2.94	7.09	9,293.3	262.2	32.6	-261.7	0.00	0.00	0.00
9,400.0	2.94	7.09	9,393.2	267.3	33.2	-266.7	0.00	0.00	0.00
9,500.0	2.94	7.09	9,493.0	272.4	33.9	-271.8	0.00	0.00	0.00
9,600.0	2.94	7.09	9,592.9	277.5	34.5	-276.9	0.00	0.00	0.00
9,700.0	2.94	7.09	9,692.8	282.6	35.1	-282.0	0.00	0.00	0.00
9,800.0	2.94	7.09	9,792.6	287.7	35.8	-287.0	0.00	0.00	0.00
9,900.0	2.94	7.09	9,892.5	292.7	36.4	-292.1	0.00	0.00	0.00
10,000.0	2.94	7.09	9,992.4	297.8	37.0	-297.2	0.00	0.00	0.00
10,100.0	2.94	7.09	10,092.2	302.9	37.7	-302.3	0.00	0.00	0.00
10,200.0	2.94	7.09	10,192.1	308.0	38.3	-307.4	0.00	0.00	0.00
10,300.0	2.94	7.09	10,292.0	313.1	38.9	-312.4	0.00	0.00	0.00
10,400.0	2.94	7.09	10,391.8	318.2	39.6	-317.5	0.00	0.00	0.00
10,500.0	2.94	7.09	10,491.7	323.3	40.2	-322.6	0.00	0.00	0.00
10,600.0	2.94	7.09	10,591.6	328.4	40.8	-327.7	0.00	0.00	0.00



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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)
10,700.0	2.94	7.09	10,691.4	333.4	41.5	-332.7	0.00	0.00	0.00
10,800.0	2.94	7.09	10,791.3	338.5	42.1	-337.8	0.00	0.00	0.00
10,900.0	2.94	7.09	10,891.2	343.6	42.7	-342.9	0.00	0.00	0.00
11,000.0	2.94	7.09	10,991.0	348.7	43.4	-348.0	0.00	0.00	0.00
11,100.0	2.94	7.09	11,090.9	353.8	44.0	-353.1	0.00	0.00	0.00
11,200.0	2.94	7.09	11,190.8	358.9	44.6	-358.1	0.00	0.00	0.00
11,300.0	2.94	7.09	11,290.7	364.0	45.3	-363.2	0.00	0.00	0.00
11,400.0	2.94	7.09	11,390.5	369.1	45.9	-368.3	0.00	0.00	0.00
11,500.0	2.94	7.09	11,490.4	374.2	46.5	-373.4	0.00	0.00	0.00
11,600.0	2.94	7.09	11,590.3	379.2	47.2	-378.4	0.00	0.00	0.00
11,700.0	2.94	7.09	11,690.1	384.3	47.8	-383.5	0.00	0.00	0.00
11,800.0	2.94	7.09	11,790.0	389.4	48.4	-388.6	0.00	0.00	0.00
11,900.0	2.94	7.09	11,889.9	394.5	49.1	-393.7	0.00	0.00	0.00
12,000.0	2.94	7.09	11,989.7	399.6	49.7	-398.8	0.00	0.00	0.00
12,038.6	2.94	7.09	12,028.3	401.6	49.9	-400.7	0.00	0.00	0.00
12,050.0	1.59	13.59	12,039.7	402.0	50.0	-401.2	12.00	-11.81	56.99
12,075.0	1.51	164.64	12,064.7	402.0	50.2	-401.2	12.00	-0.35	604.20
12,100.0	4.47	174.58	12,089.6	400.7	50.4	-399.9	12.00	11.86	39.74
12,125.0	7.47	176.58	12,114.5	398.1	50.6	-397.3	12.00	11.97	8.00
12,150.0	10.46	177.43	12,139.2	394.3	50.8	-393.4	12.00	11.99	3.43
12,175.0	13.46	177.91	12,163.6	389.1	51.0	-388.2	12.00	11.99	1.92
12,200.0	16.46	178.22	12,187.8	382.6	51.2	-381.8	12.00	12.00	1.23
12,225.0	19.46	178.43	12,211.6	374.9	51.4	-374.1	12.00	12.00	0.86
12,250.0	22.46	178.59	12,234.9	366.0	51.6	-365.1	12.00	12.00	0.64
12,275.0	25.46	178.72	12,257.8	355.8	51.9	-355.0	12.00	12.00	0.49
12,300.0	28.46	178.82	12,280.0	344.5	52.1	-343.6	12.00	12.00	0.40
12,325.0	31.46	178.90	12,301.7	332.0	52.4	-331.2	12.00	12.00	0.33
12,350.0	34.46	178.97	12,322.7	318.4	52.6	-317.6	12.00	12.00	0.27
12,375.0	37.46	179.02	12,342.9	303.8	52.9	-302.9	12.00	12.00	0.24
12,400.0	40.46	179.08	12,362.3	288.0	53.1	-287.2	12.00	12.00	0.21
12,425.0	43.46	179.12	12,380.9	271.3	53.4	-270.4	12.00	12.00	0.18
12,450.0	46.46	179.16	12,398.6	253.7	53.7	-252.8	12.00	12.00	0.16
12,475.0	49.46	179.20	12,415.4	235.1	53.9	-234.2	12.00	12.00	0.15
12,500.0	52.46	179.23	12,431.1	215.7	54.2	-214.8	12.00	12.00	0.13
12,525.0	55.46	179.26	12,445.8	195.5	54.5	-194.6	12.00	12.00	0.12
12,550.0	58.46	179.29	12,459.4	174.5	54.7	-173.6	12.00	12.00	0.12
12,575.0	61.46	179.32	12,472.0	152.9	55.0	-152.0	12.00	12.00	0.11
12,600.0	64.46	179.35	12,483.3	130.6	55.2	-129.7	12.00	12.00	0.10
12,625.0	67.46	179.37	12,493.5	107.8	55.5	-106.9	12.00	12.00	0.10
12,625.8	67.55	179.37	12,493.8	107.1	55.5	-106.2	12.00	12.00	0.09
FTP (Fox 30 Fed Com #703H)									
12,650.0	70.46	179.39	12,502.5	84.5	55.7	-83.6	12.00	12.00	0.09
12,675.0	73.46	179.42	12,510.2	60.7	56.0	-59.8	12.00	12.00	0.09
12,700.0	76.46	179.44	12,516.7	36.6	56.2	-35.7	12.00	12.00	0.09
12,725.0	79.46	179.46	12,521.9	12.1	56.5	-11.2	12.00	12.00	0.08
12,750.0	82.46	179.48	12,525.9	-12.6	56.7	13.5	12.00	12.00	0.08
12,775.0	85.46	179.50	12,528.5	-37.4	56.9	38.3	12.00	12.00	0.08
12,800.0	88.46	179.52	12,529.8	-62.4	57.1	63.3	12.00	12.00	0.08
12,812.9	90.00	179.53	12,530.0	-75.2	57.2	76.1	12.00	12.00	0.08
12,900.0	90.00	179.53	12,530.0	-162.4	58.0	163.3	0.00	0.00	0.00
13,000.0	90.00	179.53	12,530.0	-262.4	58.8	263.3	0.00	0.00	0.00
13,100.0	90.00	179.53	12,530.0	-362.4	59.6	363.3	0.00	0.00	0.00
13,200.0	90.00	179.53	12,530.0	-462.4	60.4	463.3	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 27 NME)
Site: Fox 30 Fed Com
Well: #703H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 25' @ 3348.0usft
MD Reference: KB = 25' @ 3348.0usft
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)
13,300.0	90.00	179.53	12,530.0	-562.4	61.2	563.3	0.00	0.00	0.00
13,400.0	90.00	179.53	12,530.0	-662.3	62.1	663.3	0.00	0.00	0.00
13,500.0	90.00	179.53	12,530.0	-762.3	62.9	763.3	0.00	0.00	0.00
13,600.0	90.00	179.53	12,530.0	-862.3	63.7	863.3	0.00	0.00	0.00
13,700.0	90.00	179.53	12,530.0	-962.3	64.5	963.2	0.00	0.00	0.00
13,800.0	90.00	179.53	12,530.0	-1,062.3	65.3	1,063.2	0.00	0.00	0.00
13,900.0	90.00	179.53	12,530.0	-1,162.3	66.2	1,163.2	0.00	0.00	0.00
14,000.0	90.00	179.53	12,530.0	-1,262.3	67.0	1,263.2	0.00	0.00	0.00
14,100.0	90.00	179.53	12,530.0	-1,362.3	67.8	1,363.2	0.00	0.00	0.00
14,200.0	90.00	179.53	12,530.0	-1,462.3	68.6	1,463.2	0.00	0.00	0.00
14,300.0	90.00	179.53	12,530.0	-1,562.3	69.4	1,563.2	0.00	0.00	0.00
14,400.0	90.00	179.53	12,530.0	-1,662.3	70.3	1,663.2	0.00	0.00	0.00
14,500.0	90.00	179.53	12,530.0	-1,762.3	71.1	1,763.2	0.00	0.00	0.00
14,600.0	90.00	179.53	12,530.0	-1,862.3	71.9	1,863.2	0.00	0.00	0.00
14,700.0	90.00	179.53	12,530.0	-1,962.3	72.7	1,963.2	0.00	0.00	0.00
14,800.0	90.00	179.53	12,530.0	-2,062.3	73.5	2,063.2	0.00	0.00	0.00
14,900.0	90.00	179.53	12,530.0	-2,162.3	74.4	2,163.2	0.00	0.00	0.00
15,000.0	90.00	179.53	12,530.0	-2,262.3	75.2	2,263.2	0.00	0.00	0.00
15,100.0	90.00	179.53	12,530.0	-2,362.3	76.0	2,363.2	0.00	0.00	0.00
15,200.0	90.00	179.53	12,530.0	-2,462.3	76.8	2,463.2	0.00	0.00	0.00
15,300.0	90.00	179.53	12,530.0	-2,562.3	77.6	2,563.2	0.00	0.00	0.00
15,400.0	90.00	179.53	12,530.0	-2,662.3	78.5	2,663.2	0.00	0.00	0.00
15,500.0	90.00	179.53	12,530.0	-2,762.3	79.3	2,763.2	0.00	0.00	0.00
15,600.0	90.00	179.53	12,530.0	-2,862.3	80.1	2,863.2	0.00	0.00	0.00
15,700.0	90.00	179.53	12,530.0	-2,962.3	80.9	2,963.2	0.00	0.00	0.00
15,800.0	90.00	179.53	12,530.0	-3,062.3	81.7	3,063.2	0.00	0.00	0.00
15,900.0	90.00	179.53	12,530.0	-3,162.3	82.6	3,163.2	0.00	0.00	0.00
16,000.0	90.00	179.53	12,530.0	-3,262.3	83.4	3,263.2	0.00	0.00	0.00
16,100.0	90.00	179.53	12,530.0	-3,362.3	84.2	3,363.2	0.00	0.00	0.00
16,200.0	90.00	179.53	12,530.0	-3,462.3	85.0	3,463.2	0.00	0.00	0.00
16,300.0	90.00	179.53	12,530.0	-3,562.2	85.8	3,563.2	0.00	0.00	0.00
16,400.0	90.00	179.53	12,530.0	-3,662.2	86.7	3,663.2	0.00	0.00	0.00
16,500.0	90.00	179.53	12,530.0	-3,762.2	87.5	3,763.2	0.00	0.00	0.00
16,600.0	90.00	179.53	12,530.0	-3,862.2	88.3	3,863.2	0.00	0.00	0.00
16,700.0	90.00	179.53	12,530.0	-3,962.2	89.1	3,963.2	0.00	0.00	0.00
16,800.0	90.00	179.53	12,530.0	-4,062.2	89.9	4,063.2	0.00	0.00	0.00
16,900.0	90.00	179.53	12,530.0	-4,162.2	90.8	4,163.1	0.00	0.00	0.00
17,000.0	90.00	179.53	12,530.0	-4,262.2	91.6	4,263.1	0.00	0.00	0.00
17,100.0	90.00	179.53	12,530.0	-4,362.2	92.4	4,363.1	0.00	0.00	0.00
17,200.0	90.00	179.53	12,530.0	-4,462.2	93.2	4,463.1	0.00	0.00	0.00
17,300.0	90.00	179.53	12,530.0	-4,562.2	94.0	4,563.1	0.00	0.00	0.00
17,400.0	90.00	179.53	12,530.0	-4,662.2	94.9	4,663.1	0.00	0.00	0.00
17,500.0	90.00	179.53	12,530.0	-4,762.2	95.7	4,763.1	0.00	0.00	0.00
17,600.0	90.00	179.53	12,530.0	-4,862.2	96.5	4,863.1	0.00	0.00	0.00
17,700.0	90.00	179.53	12,530.0	-4,962.2	97.3	4,963.1	0.00	0.00	0.00
17,800.0	90.00	179.53	12,530.0	-5,062.2	98.2	5,063.1	0.00	0.00	0.00
17,900.0	90.00	179.53	12,530.0	-5,162.2	99.0	5,163.1	0.00	0.00	0.00
18,000.0	90.00	179.53	12,530.0	-5,262.2	99.8	5,263.1	0.00	0.00	0.00
18,100.0	90.00	179.53	12,530.0	-5,362.2	100.6	5,363.1	0.00	0.00	0.00
18,200.0	90.00	179.53	12,530.0	-5,462.2	101.4	5,463.1	0.00	0.00	0.00
18,300.0	90.00	179.53	12,530.0	-5,562.2	102.3	5,563.1	0.00	0.00	0.00
18,400.0	90.00	179.53	12,530.0	-5,662.2	103.1	5,663.1	0.00	0.00	0.00
18,500.0	90.00	179.53	12,530.0	-5,762.2	103.9	5,763.1	0.00	0.00	0.00
18,600.0	90.00	179.53	12,530.0	-5,862.2	104.7	5,863.1	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

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Site: Fox 30 Fed Com
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Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 25' @ 3348.0usft
MD Reference: KB = 25' @ 3348.0usft
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)
18,700.0	90.00	179.53	12,530.0	-5,962.2	105.5	5,963.1	0.00	0.00	0.00
18,800.0	90.00	179.53	12,530.0	-6,062.2	106.4	6,063.1	0.00	0.00	0.00
18,900.0	90.00	179.53	12,530.0	-6,162.2	107.2	6,163.1	0.00	0.00	0.00
19,000.0	90.00	179.53	12,530.0	-6,262.2	108.0	6,263.1	0.00	0.00	0.00
19,100.0	90.00	179.53	12,530.0	-6,362.2	108.8	6,363.1	0.00	0.00	0.00
19,200.0	90.00	179.53	12,530.0	-6,462.2	109.6	6,463.1	0.00	0.00	0.00
19,300.0	90.00	179.53	12,530.0	-6,562.1	110.5	6,563.1	0.00	0.00	0.00
19,400.0	90.00	179.53	12,530.0	-6,662.1	111.3	6,663.1	0.00	0.00	0.00
19,500.0	90.00	179.53	12,530.0	-6,762.1	112.1	6,763.1	0.00	0.00	0.00
19,600.0	90.00	179.53	12,530.0	-6,862.1	112.9	6,863.1	0.00	0.00	0.00
19,700.0	90.00	179.53	12,530.0	-6,962.1	113.7	6,963.1	0.00	0.00	0.00
19,800.0	90.00	179.53	12,530.0	-7,062.1	114.6	7,063.1	0.00	0.00	0.00
19,900.0	90.00	179.53	12,530.0	-7,162.1	115.4	7,163.1	0.00	0.00	0.00
19,975.9	90.00	179.53	12,530.0	-7,238.0	116.0	7,238.9	0.00	0.00	0.00

PBHL (Fox 30 Fed Com #703H)

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 (Fox 30 Fed Com	0.00	0.00	12,530.0	-7,238.0	116.0	393,904.00	757,115.00	32.08023824	-103.50320492
- plan hits target center									
- Point									
FTP (Fox 30 Fed Com #	0.00	0.01	12,530.0	121.0	56.0	401,263.00	757,055.00	32.10046766	-103.50321574
- plan misses target center by 38.8usft at 12625.8usft MD (12493.8 TVD, 107.1 N, 55.5 E)									
- Point									