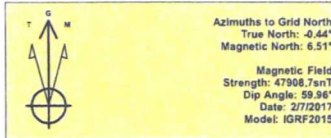




Lea County, NM (NAD 27 NME)

Fox 30 Fed Com #702H

Plan #0.1



Azimuths to Grid North
True North: -0.44°
Magnetic North: 6.51°
Magnetic Field
Strength: 47908.7anT
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: #702H

Ground Level: 3324.0
KB = 25' @ 3349.0usft
Northing: 401135.00
Easting: 756084.00
Latitude: 32.10013633
Longitude: -103.50635432

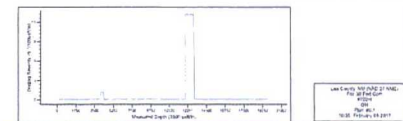
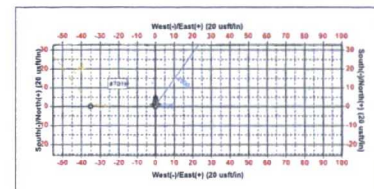
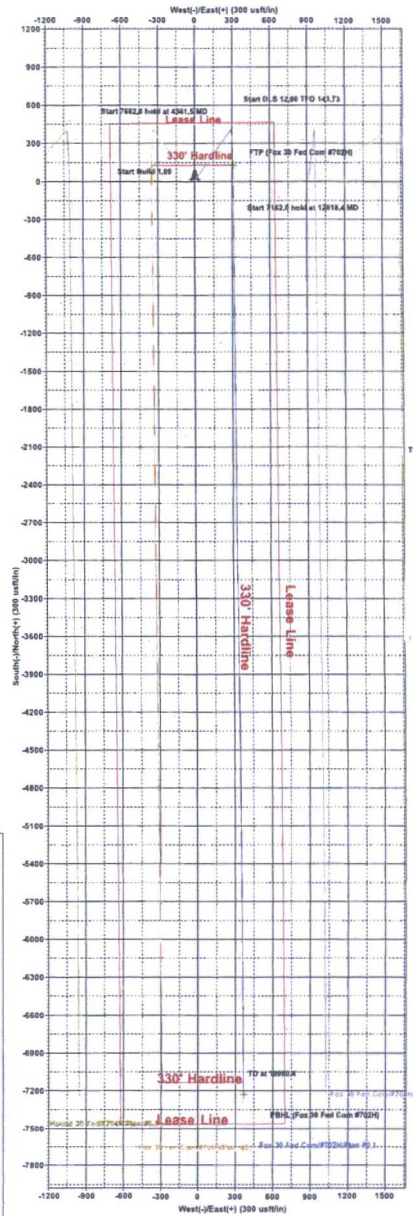
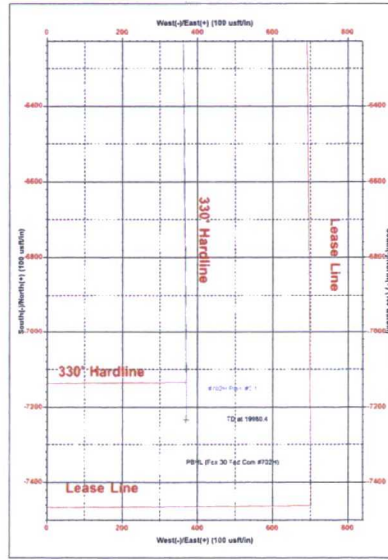
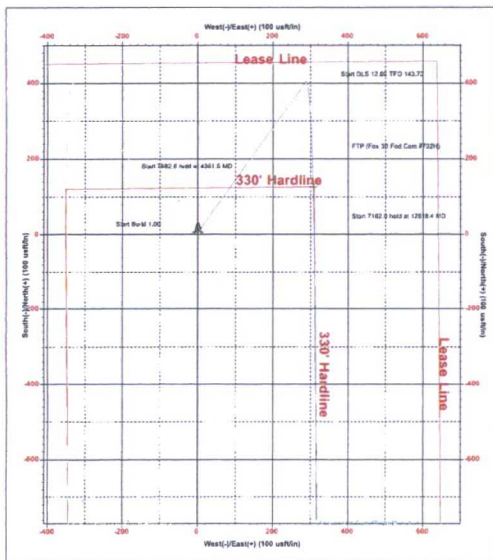
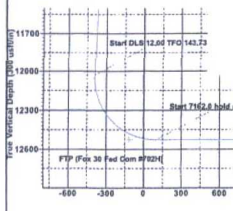
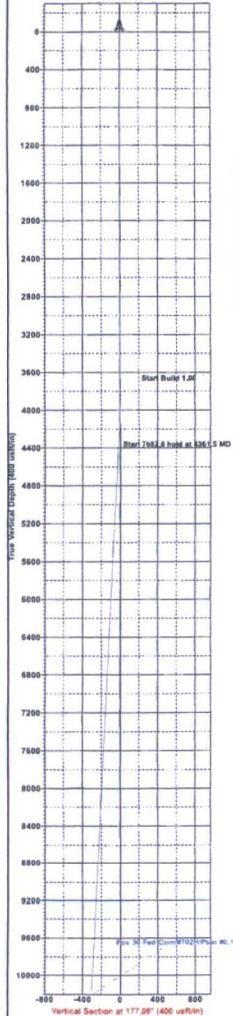
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSecl	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	4361.5	3.62	35.74	4361.3	9.3	6.7	1.00	35.74	-8.9	
4	12044.1	3.62	35.74	12028.6	402.4	289.6	0.00	0.00	-387.1	
5	12818.4	90.00	179.53	12530.0	-74.2	312.3	12.00	143.73	90.1	
6	19980.4	90.00	179.53	12530.0	-7236.0	371.0	0.00	0.00	7245.5	PBHL (Fox 30 Fed Com #702H)

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 #702H)	12530.0	124.0	311.0	401259.00	756395.00
PBHL (Fox 30 Fed Com #702H)	12530.0	-7236.0	371.0	393889.00	756455.00





EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Fox 30 Fed Com

#702H

OH

Plan: Plan #0.1

HOBBS OCD
JUN 16 2017
RECEIVED

Standard Planning Report

08 February, 2017



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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3349.0usft
MD Reference: KB = 25' @ 3349.0usft
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	Latitude: 32.10013707
From:	Map	Easting:	756,049.00 usft	Longitude: -103.50646734
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.44 °

Well	#702H			
Well Position	+N/-S	0.0 usft	Northing:	401,135.00 usft
	+E/-W	35.0 usft	Easting:	756,084.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level: 3,324.0 usft

Wellbore	OH			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)
	IGRF2015	2/7/2017	6.95	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) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	177.06

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	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,361.5	3.62	35.74	4,361.3	9.3	6.7	1.00	1.00	0.00	35.74	
12,044.1	3.62	35.74	12,028.6	402.4	289.6	0.00	0.00	0.00	0.00	
12,818.4	90.00	179.53	12,530.0	-74.2	312.3	12.00	11.16	18.57	143.73	
19,980.4	90.00	179.53	12,530.0	-7,236.0	371.0	0.00	0.00	0.00	0.00	PBHL (Fox 30 Fed Cc



EOG Resources, Inc.
Planning Report

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Project: Lea County, NM (NAD 27 NME)
Site: Fox 30 Fed Com
Well: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3349.0usft
MD Reference: KB = 25' @ 3349.0usft
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	35.74	4,100.0	0.7	0.5	-0.7	1.00	1.00	0.00
4,200.0	2.00	35.74	4,200.0	2.8	2.0	-2.7	1.00	1.00	0.00
4,300.0	3.00	35.74	4,299.9	6.4	4.6	-6.1	1.00	1.00	0.00
4,361.5	3.62	35.74	4,361.3	9.3	6.7	-8.9	1.00	1.00	0.00
4,400.0	3.62	35.74	4,399.7	11.2	8.1	-10.8	0.00	0.00	0.00
4,500.0	3.62	35.74	4,499.5	16.3	11.8	-15.7	0.00	0.00	0.00
4,600.0	3.62	35.74	4,599.3	21.5	15.4	-20.6	0.00	0.00	0.00
4,700.0	3.62	35.74	4,699.1	26.6	19.1	-25.6	0.00	0.00	0.00
4,800.0	3.62	35.74	4,798.9	31.7	22.8	-30.5	0.00	0.00	0.00
4,900.0	3.62	35.74	4,898.7	36.8	26.5	-35.4	0.00	0.00	0.00
5,000.0	3.62	35.74	4,998.5	41.9	30.2	-40.3	0.00	0.00	0.00
5,100.0	3.62	35.74	5,098.3	47.0	33.9	-45.3	0.00	0.00	0.00
5,200.0	3.62	35.74	5,198.1	52.2	37.5	-50.2	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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3349.0usft
MD Reference: KB = 25' @ 3349.0usft
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)
5,300.0	3.62	35.74	5,297.9	57.3	41.2	-55.1	0.00	0.00	0.00
5,400.0	3.62	35.74	5,397.7	62.4	44.9	-60.0	0.00	0.00	0.00
5,500.0	3.62	35.74	5,497.5	67.5	48.6	-64.9	0.00	0.00	0.00
5,600.0	3.62	35.74	5,597.3	72.6	52.3	-69.9	0.00	0.00	0.00
5,700.0	3.62	35.74	5,697.1	77.8	56.0	-74.8	0.00	0.00	0.00
5,800.0	3.62	35.74	5,796.9	82.9	59.6	-79.7	0.00	0.00	0.00
5,900.0	3.62	35.74	5,896.7	88.0	63.3	-84.6	0.00	0.00	0.00
6,000.0	3.62	35.74	5,996.5	93.1	67.0	-89.6	0.00	0.00	0.00
6,100.0	3.62	35.74	6,096.3	98.2	70.7	-94.5	0.00	0.00	0.00
6,200.0	3.62	35.74	6,196.1	103.3	74.4	-99.4	0.00	0.00	0.00
6,300.0	3.62	35.74	6,295.9	108.5	78.1	-104.3	0.00	0.00	0.00
6,400.0	3.62	35.74	6,395.7	113.6	81.7	-109.2	0.00	0.00	0.00
6,500.0	3.62	35.74	6,495.5	118.7	85.4	-114.2	0.00	0.00	0.00
6,600.0	3.62	35.74	6,595.3	123.8	89.1	-119.1	0.00	0.00	0.00
6,700.0	3.62	35.74	6,695.1	128.9	92.8	-124.0	0.00	0.00	0.00
6,800.0	3.62	35.74	6,794.9	134.1	96.5	-128.9	0.00	0.00	0.00
6,900.0	3.62	35.74	6,894.7	139.2	100.2	-133.9	0.00	0.00	0.00
7,000.0	3.62	35.74	6,994.5	144.3	103.8	-138.8	0.00	0.00	0.00
7,100.0	3.62	35.74	7,094.3	149.4	107.5	-143.7	0.00	0.00	0.00
7,200.0	3.62	35.74	7,194.1	154.5	111.2	-148.6	0.00	0.00	0.00
7,300.0	3.62	35.74	7,293.9	159.6	114.9	-153.5	0.00	0.00	0.00
7,400.0	3.62	35.74	7,393.7	164.8	118.6	-158.5	0.00	0.00	0.00
7,500.0	3.62	35.74	7,493.5	169.9	122.3	-163.4	0.00	0.00	0.00
7,600.0	3.62	35.74	7,593.3	175.0	125.9	-168.3	0.00	0.00	0.00
7,700.0	3.62	35.74	7,693.1	180.1	129.6	-173.2	0.00	0.00	0.00
7,800.0	3.62	35.74	7,792.9	185.2	133.3	-178.2	0.00	0.00	0.00
7,900.0	3.62	35.74	7,892.7	190.3	137.0	-183.1	0.00	0.00	0.00
8,000.0	3.62	35.74	7,992.5	195.5	140.7	-188.0	0.00	0.00	0.00
8,100.0	3.62	35.74	8,092.3	200.6	144.4	-192.9	0.00	0.00	0.00
8,200.0	3.62	35.74	8,192.1	205.7	148.0	-197.9	0.00	0.00	0.00
8,300.0	3.62	35.74	8,291.9	210.8	151.7	-202.8	0.00	0.00	0.00
8,400.0	3.62	35.74	8,391.7	215.9	155.4	-207.7	0.00	0.00	0.00
8,500.0	3.62	35.74	8,491.5	221.1	159.1	-212.6	0.00	0.00	0.00
8,600.0	3.62	35.74	8,591.3	226.2	162.8	-217.5	0.00	0.00	0.00
8,700.0	3.62	35.74	8,691.1	231.3	166.5	-222.5	0.00	0.00	0.00
8,800.0	3.62	35.74	8,790.9	236.4	170.1	-227.4	0.00	0.00	0.00
8,900.0	3.62	35.74	8,890.7	241.5	173.8	-232.3	0.00	0.00	0.00
9,000.0	3.62	35.74	8,990.5	246.6	177.5	-237.2	0.00	0.00	0.00
9,100.0	3.62	35.74	9,090.3	251.8	181.2	-242.2	0.00	0.00	0.00
9,200.0	3.62	35.74	9,190.1	256.9	184.9	-247.1	0.00	0.00	0.00
9,300.0	3.62	35.74	9,289.9	262.0	188.6	-252.0	0.00	0.00	0.00
9,400.0	3.62	35.74	9,389.7	267.1	192.2	-256.9	0.00	0.00	0.00
9,500.0	3.62	35.74	9,489.5	272.2	195.9	-261.8	0.00	0.00	0.00
9,600.0	3.62	35.74	9,589.3	277.4	199.6	-266.8	0.00	0.00	0.00
9,700.0	3.62	35.74	9,689.1	282.5	203.3	-271.7	0.00	0.00	0.00
9,800.0	3.62	35.74	9,788.9	287.6	207.0	-276.6	0.00	0.00	0.00
9,900.0	3.62	35.74	9,888.7	292.7	210.7	-281.5	0.00	0.00	0.00
10,000.0	3.62	35.74	9,988.5	297.8	214.3	-286.5	0.00	0.00	0.00
10,100.0	3.62	35.74	10,088.3	302.9	218.0	-291.4	0.00	0.00	0.00
10,200.0	3.62	35.74	10,188.1	308.1	221.7	-296.3	0.00	0.00	0.00
10,300.0	3.62	35.74	10,287.9	313.2	225.4	-301.2	0.00	0.00	0.00
10,400.0	3.62	35.74	10,387.7	318.3	229.1	-306.1	0.00	0.00	0.00
10,500.0	3.62	35.74	10,487.5	323.4	232.8	-311.1	0.00	0.00	0.00
10,600.0	3.62	35.74	10,587.3	328.5	236.4	-316.0	0.00	0.00	0.00



EOG Resources, Inc.

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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	3.62	35.74	10,687.1	333.6	240.1	-320.9	0.00	0.00	0.00
10,800.0	3.62	35.74	10,786.9	338.8	243.8	-325.8	0.00	0.00	0.00
10,900.0	3.62	35.74	10,886.7	343.9	247.5	-330.8	0.00	0.00	0.00
11,000.0	3.62	35.74	10,986.6	349.0	251.2	-335.7	0.00	0.00	0.00
11,100.0	3.62	35.74	11,086.4	354.1	254.9	-340.6	0.00	0.00	0.00
11,200.0	3.62	35.74	11,186.2	359.2	258.5	-345.5	0.00	0.00	0.00
11,300.0	3.62	35.74	11,286.0	364.4	262.2	-350.4	0.00	0.00	0.00
11,400.0	3.62	35.74	11,385.8	369.5	265.9	-355.4	0.00	0.00	0.00
11,500.0	3.62	35.74	11,485.6	374.6	269.6	-360.3	0.00	0.00	0.00
11,600.0	3.62	35.74	11,585.4	379.7	273.3	-365.2	0.00	0.00	0.00
11,700.0	3.62	35.74	11,685.2	384.8	277.0	-370.1	0.00	0.00	0.00
11,800.0	3.62	35.74	11,785.0	389.9	280.6	-375.1	0.00	0.00	0.00
11,900.0	3.62	35.74	11,884.8	395.1	284.3	-380.0	0.00	0.00	0.00
12,000.0	3.62	35.74	11,984.6	400.2	288.0	-384.9	0.00	0.00	0.00
12,044.1	3.62	35.74	12,028.6	402.4	289.6	-387.1	0.00	0.00	0.00
12,050.0	3.07	43.55	12,034.5	402.7	289.8	-387.3	12.00	-9.19	132.75
12,075.0	2.28	109.80	12,059.4	403.0	290.8	-387.6	12.00	-3.18	265.03
12,100.0	4.35	150.14	12,084.4	402.0	291.7	-386.6	12.00	8.29	161.36
12,125.0	7.12	162.13	12,109.3	399.7	292.7	-384.2	12.00	11.07	47.96
12,150.0	10.02	167.33	12,134.0	396.1	293.6	-380.6	12.00	11.61	20.79
12,175.0	12.96	170.20	12,158.5	391.2	294.6	-375.7	12.00	11.78	11.47
12,200.0	15.93	172.02	12,182.7	385.1	295.5	-369.4	12.00	11.86	7.27
12,225.0	18.91	173.27	12,206.5	377.7	296.5	-362.0	12.00	11.91	5.03
12,250.0	21.89	174.20	12,230.0	369.0	297.4	-353.3	12.00	11.93	3.70
12,275.0	24.88	174.91	12,252.9	359.1	298.4	-343.4	12.00	11.95	2.85
12,300.0	27.86	175.48	12,275.3	348.1	299.3	-332.3	12.00	11.96	2.28
12,325.0	30.86	175.95	12,297.1	335.8	300.2	-320.0	12.00	11.97	1.87
12,350.0	33.85	176.34	12,318.2	322.5	301.1	-306.7	12.00	11.97	1.57
12,375.0	36.84	176.67	12,338.6	308.1	302.0	-292.2	12.00	11.97	1.34
12,400.0	39.84	176.97	12,358.2	292.6	302.8	-276.7	12.00	11.98	1.16
12,425.0	42.83	177.22	12,377.0	276.1	303.7	-260.2	12.00	11.98	1.03
12,450.0	45.83	177.45	12,394.9	258.6	304.5	-242.7	12.00	11.98	0.92
12,475.0	48.82	177.66	12,411.8	240.3	305.3	-224.3	12.00	11.98	0.83
12,500.0	51.82	177.85	12,427.8	221.1	306.0	-205.1	12.00	11.99	0.76
12,525.0	54.82	178.02	12,442.7	201.0	306.7	-185.1	12.00	11.99	0.70
12,550.0	57.81	178.18	12,456.6	180.2	307.4	-164.3	12.00	11.99	0.65
12,575.0	60.81	178.34	12,469.3	158.7	308.1	-142.8	12.00	11.99	0.61
12,600.0	63.81	178.48	12,480.9	136.6	308.7	-120.6	12.00	11.99	0.57
12,625.0	66.81	178.61	12,491.4	113.9	309.3	-97.9	12.00	11.99	0.54
12,629.9	67.40	178.64	12,493.3	109.4	309.4	-93.4	12.00	11.99	0.53
FTP (Fox 30 Fed Com #702H)									
12,650.0	69.80	178.74	12,500.6	90.7	309.8	-74.7	12.00	11.99	0.52
12,675.0	72.80	178.87	12,508.6	67.0	310.3	-51.0	12.00	11.99	0.50
12,700.0	75.80	178.99	12,515.4	43.0	310.7	-27.0	12.00	11.99	0.48
12,725.0	78.80	179.11	12,520.9	18.6	311.1	-2.6	12.00	11.99	0.47
12,750.0	81.80	179.22	12,525.1	-6.1	311.5	22.0	12.00	11.99	0.46
12,775.0	84.79	179.34	12,528.0	-30.9	311.8	46.8	12.00	11.99	0.45
12,800.0	87.79	179.45	12,529.6	-55.8	312.1	71.7	12.00	11.99	0.45
12,818.4	90.00	179.53	12,530.0	-74.2	312.3	90.1	12.00	11.99	0.45
12,900.0	90.00	179.53	12,530.0	-155.8	312.9	171.6	0.00	0.00	0.00
13,000.0	90.00	179.53	12,530.0	-255.8	313.7	271.5	0.00	0.00	0.00
13,100.0	90.00	179.53	12,530.0	-355.8	314.6	371.4	0.00	0.00	0.00
13,200.0	90.00	179.53	12,530.0	-455.8	315.4	471.4	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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3349.0usft
MD Reference: KB = 25' @ 3349.0usft
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	-555.8	316.2	571.3	0.00	0.00	0.00
13,400.0	90.00	179.53	12,530.0	-655.8	317.0	671.2	0.00	0.00	0.00
13,500.0	90.00	179.53	12,530.0	-755.8	317.8	771.1	0.00	0.00	0.00
13,600.0	90.00	179.53	12,530.0	-855.8	318.7	871.0	0.00	0.00	0.00
13,700.0	90.00	179.53	12,530.0	-955.8	319.5	970.9	0.00	0.00	0.00
13,800.0	90.00	179.53	12,530.0	-1,055.8	320.3	1,070.8	0.00	0.00	0.00
13,900.0	90.00	179.53	12,530.0	-1,155.8	321.1	1,170.7	0.00	0.00	0.00
14,000.0	90.00	179.53	12,530.0	-1,255.8	321.9	1,270.6	0.00	0.00	0.00
14,100.0	90.00	179.53	12,530.0	-1,355.8	322.8	1,370.5	0.00	0.00	0.00
14,200.0	90.00	179.53	12,530.0	-1,455.8	323.6	1,470.4	0.00	0.00	0.00
14,300.0	90.00	179.53	12,530.0	-1,555.8	324.4	1,570.3	0.00	0.00	0.00
14,400.0	90.00	179.53	12,530.0	-1,655.8	325.2	1,670.2	0.00	0.00	0.00
14,500.0	90.00	179.53	12,530.0	-1,755.8	326.0	1,770.2	0.00	0.00	0.00
14,600.0	90.00	179.53	12,530.0	-1,855.8	326.9	1,870.1	0.00	0.00	0.00
14,700.0	90.00	179.53	12,530.0	-1,955.8	327.7	1,970.0	0.00	0.00	0.00
14,800.0	90.00	179.53	12,530.0	-2,055.8	328.5	2,069.9	0.00	0.00	0.00
14,900.0	90.00	179.53	12,530.0	-2,155.7	329.3	2,169.8	0.00	0.00	0.00
15,000.0	90.00	179.53	12,530.0	-2,255.7	330.1	2,269.7	0.00	0.00	0.00
15,100.0	90.00	179.53	12,530.0	-2,355.7	331.0	2,369.6	0.00	0.00	0.00
15,200.0	90.00	179.53	12,530.0	-2,455.7	331.8	2,469.5	0.00	0.00	0.00
15,300.0	90.00	179.53	12,530.0	-2,555.7	332.6	2,569.4	0.00	0.00	0.00
15,400.0	90.00	179.53	12,530.0	-2,655.7	333.4	2,669.3	0.00	0.00	0.00
15,500.0	90.00	179.53	12,530.0	-2,755.7	334.2	2,769.2	0.00	0.00	0.00
15,600.0	90.00	179.53	12,530.0	-2,855.7	335.1	2,869.1	0.00	0.00	0.00
15,700.0	90.00	179.53	12,530.0	-2,955.7	335.9	2,969.0	0.00	0.00	0.00
15,800.0	90.00	179.53	12,530.0	-3,055.7	336.7	3,069.0	0.00	0.00	0.00
15,900.0	90.00	179.53	12,530.0	-3,155.7	337.5	3,168.9	0.00	0.00	0.00
16,000.0	90.00	179.53	12,530.0	-3,255.7	338.3	3,268.8	0.00	0.00	0.00
16,100.0	90.00	179.53	12,530.0	-3,355.7	339.2	3,368.7	0.00	0.00	0.00
16,200.0	90.00	179.53	12,530.0	-3,455.7	340.0	3,468.6	0.00	0.00	0.00
16,300.0	90.00	179.53	12,530.0	-3,555.7	340.8	3,568.5	0.00	0.00	0.00
16,400.0	90.00	179.53	12,530.0	-3,655.7	341.6	3,668.4	0.00	0.00	0.00
16,500.0	90.00	179.53	12,530.0	-3,755.7	342.5	3,768.3	0.00	0.00	0.00
16,600.0	90.00	179.53	12,530.0	-3,855.7	343.3	3,868.2	0.00	0.00	0.00
16,700.0	90.00	179.53	12,530.0	-3,955.7	344.1	3,968.1	0.00	0.00	0.00
16,800.0	90.00	179.53	12,530.0	-4,055.7	344.9	4,068.0	0.00	0.00	0.00
16,900.0	90.00	179.53	12,530.0	-4,155.7	345.7	4,167.9	0.00	0.00	0.00
17,000.0	90.00	179.53	12,530.0	-4,255.7	346.6	4,267.8	0.00	0.00	0.00
17,100.0	90.00	179.53	12,530.0	-4,355.7	347.4	4,367.7	0.00	0.00	0.00
17,200.0	90.00	179.53	12,530.0	-4,455.7	348.2	4,467.7	0.00	0.00	0.00
17,300.0	90.00	179.53	12,530.0	-4,555.7	349.0	4,567.6	0.00	0.00	0.00
17,400.0	90.00	179.53	12,530.0	-4,655.7	349.8	4,667.5	0.00	0.00	0.00
17,500.0	90.00	179.53	12,530.0	-4,755.7	350.7	4,767.4	0.00	0.00	0.00
17,600.0	90.00	179.53	12,530.0	-4,855.7	351.5	4,867.3	0.00	0.00	0.00
17,700.0	90.00	179.53	12,530.0	-4,955.7	352.3	4,967.2	0.00	0.00	0.00
17,800.0	90.00	179.53	12,530.0	-5,055.7	353.1	5,067.1	0.00	0.00	0.00
17,900.0	90.00	179.53	12,530.0	-5,155.6	353.9	5,167.0	0.00	0.00	0.00
18,000.0	90.00	179.53	12,530.0	-5,255.6	354.8	5,266.9	0.00	0.00	0.00
18,100.0	90.00	179.53	12,530.0	-5,355.6	355.6	5,366.8	0.00	0.00	0.00
18,200.0	90.00	179.53	12,530.0	-5,455.6	356.4	5,466.7	0.00	0.00	0.00
18,300.0	90.00	179.53	12,530.0	-5,555.6	357.2	5,566.6	0.00	0.00	0.00
18,400.0	90.00	179.53	12,530.0	-5,655.6	358.0	5,666.5	0.00	0.00	0.00
18,500.0	90.00	179.53	12,530.0	-5,755.6	358.9	5,766.5	0.00	0.00	0.00
18,600.0	90.00	179.53	12,530.0	-5,855.6	359.7	5,866.4	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database: EDM 5000.1 Single User Db
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Project: Lea County, NM (NAD 27 NME)
Site: Fox 30 Fed Com
Well: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3349.0usft
MD Reference: KB = 25' @ 3349.0usft
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	-5,955.6	360.5	5,966.3	0.00	0.00	0.00
18,800.0	90.00	179.53	12,530.0	-6,055.6	361.3	6,066.2	0.00	0.00	0.00
18,900.0	90.00	179.53	12,530.0	-6,155.6	362.1	6,166.1	0.00	0.00	0.00
19,000.0	90.00	179.53	12,530.0	-6,255.6	363.0	6,266.0	0.00	0.00	0.00
19,100.0	90.00	179.53	12,530.0	-6,355.6	363.8	6,365.9	0.00	0.00	0.00
19,200.0	90.00	179.53	12,530.0	-6,455.6	364.6	6,465.8	0.00	0.00	0.00
19,300.0	90.00	179.53	12,530.0	-6,555.6	365.4	6,565.7	0.00	0.00	0.00
19,400.0	90.00	179.53	12,530.0	-6,655.6	366.2	6,665.6	0.00	0.00	0.00
19,500.0	90.00	179.53	12,530.0	-6,755.6	367.1	6,765.5	0.00	0.00	0.00
19,600.0	90.00	179.53	12,530.0	-6,855.6	367.9	6,865.4	0.00	0.00	0.00
19,700.0	90.00	179.53	12,530.0	-6,955.6	368.7	6,965.3	0.00	0.00	0.00
19,800.0	90.00	179.53	12,530.0	-7,055.6	369.5	7,065.2	0.00	0.00	0.00
19,900.0	90.00	179.53	12,530.0	-7,155.6	370.3	7,165.2	0.00	0.00	0.00
19,980.4	90.00	179.53	12,530.0	-7,236.0	371.0	7,245.5	0.00	0.00	0.00

PBHL (Fox 30 Fed Com #702H)

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									
FTP (Fox 30 Fed Com #	0.00	0.00	12,530.0	124.0	311.0	401,259.00	756,395.00	32.10047061	-103.50534702
- plan misses target center by 39.5usft at 12629.9usft MD (12493.3 TVD, 109.4 N, 309.4 E)									
- Point									
PBHL (Fox 30 Fed Com	0.00	0.00	12,530.0	-7,236.0	371.0	393,899.00	756,455.00	32.08023844	-103.50533574
- plan hits target center									
- Point									