

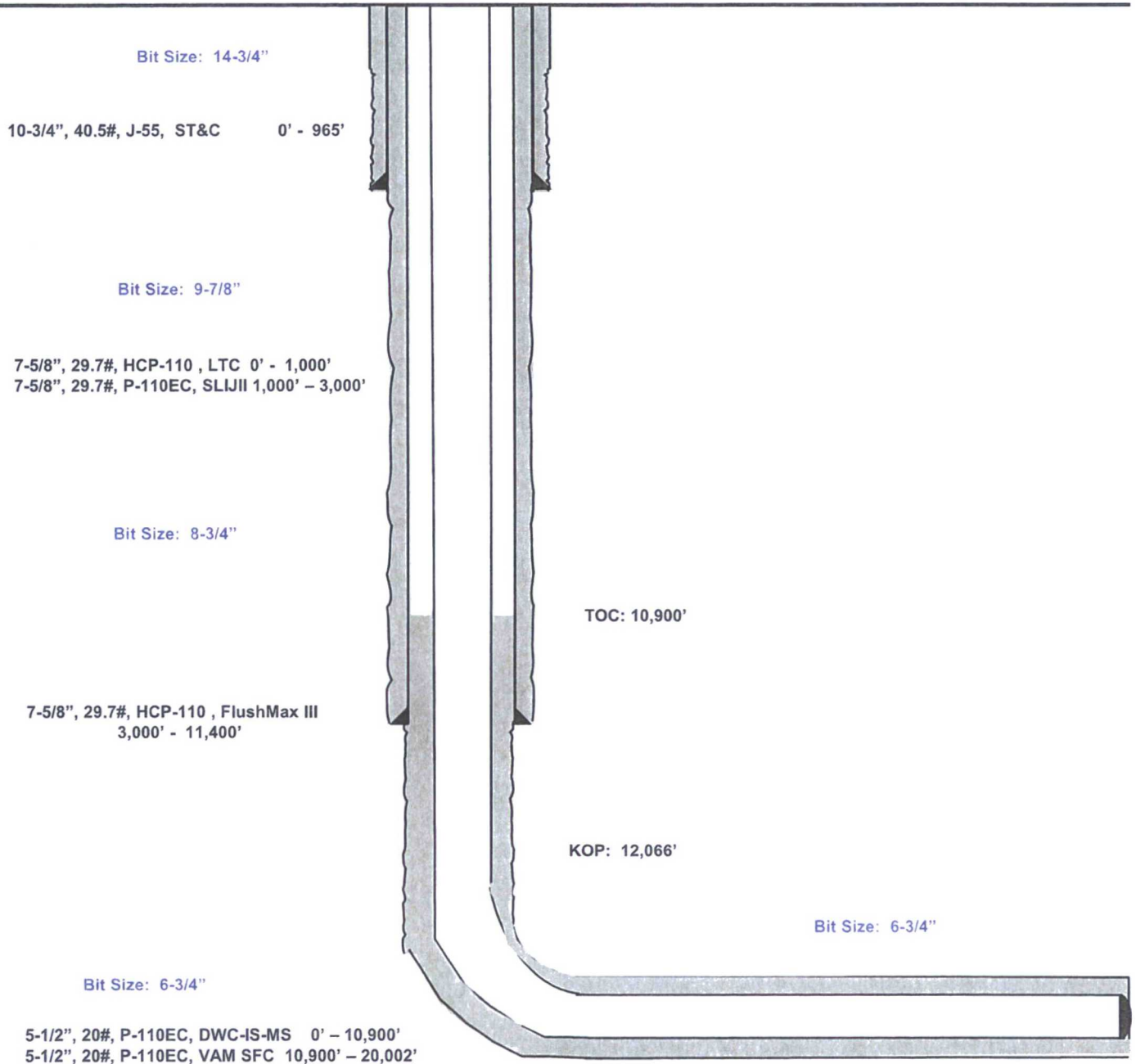
Fox 30 Fed Com #704H

Lea County, New Mexico
Proposed Wellbore

2190' FSL
1013' FEL
Section 30
T-25-S, R-34-E

API: 30-025-*****

KB: 3,347'
GL: 3,322'



Lateral: 20,002' MD, 12,530' TVD
Upper Most Perf:
2311' FSL & 330' FEL Sec. 30
Lower Most Perf:
330' FSL & 330' FEL Sec. 31
BH Location: 230' FSL & 330' FEL
Section 31
T-25-S, R-34-E



Lea County, NM (NAD 27 NME)

Fox 30 Fed Com #704H

Plan #0.1

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: #704H

Ground Level: 3322.0
KB = 25' @ 3347.0usft
Northing 401142.00 Easting 757034.00 Latitude 32.10013551 Longitude -103.50328656

SECTION DETAILS

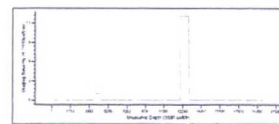
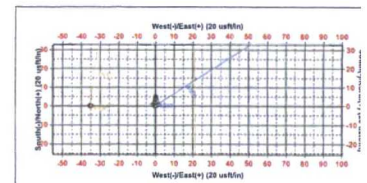
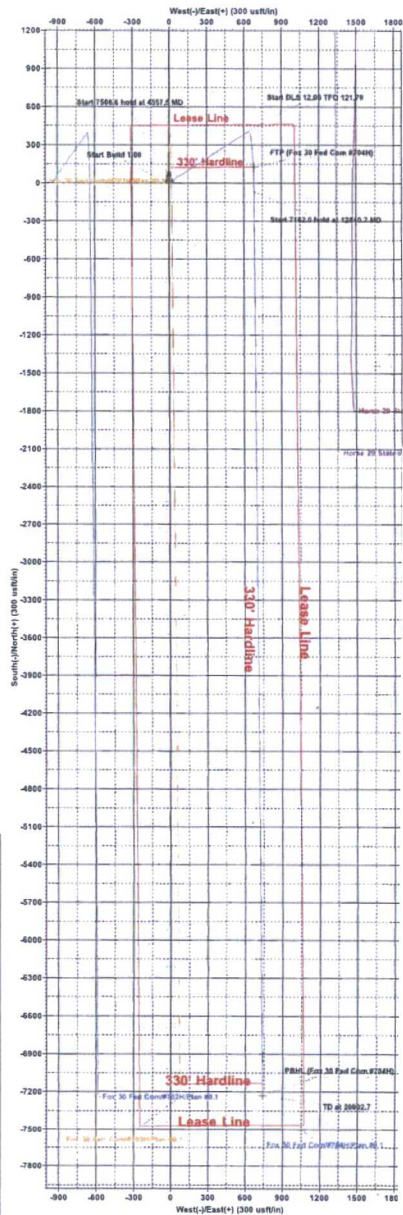
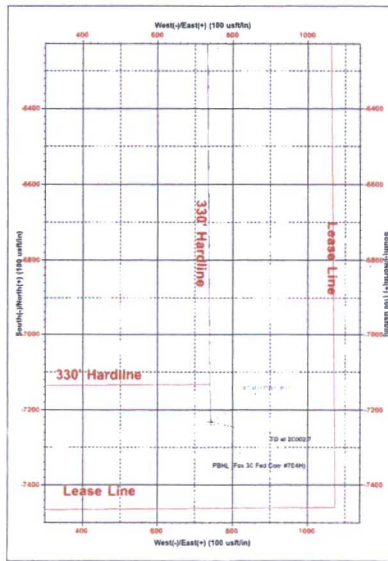
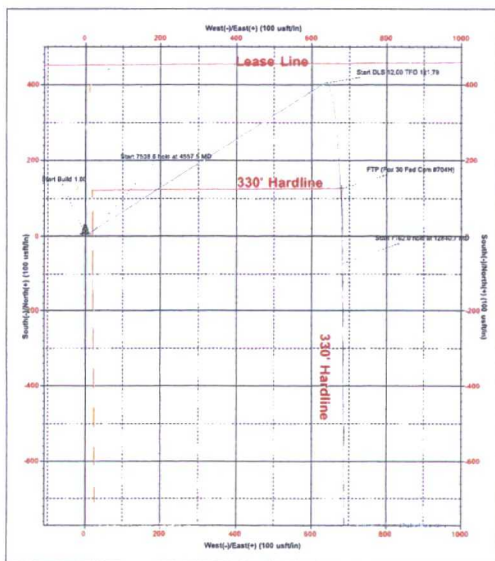
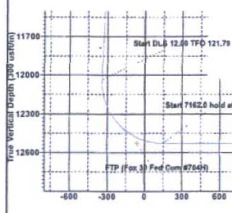
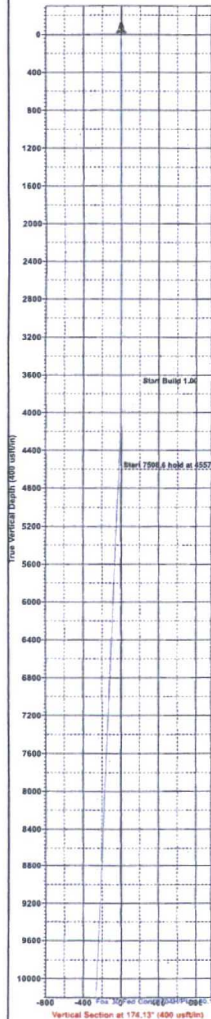
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0	
3	4557.5	5.58	57.61	4556.6	14.5	22.9	1.00	57.61	-12.1	
4	12066.1	5.58	57.61	12029.7	405.2	638.9	0.00	0.00	-337.8	
5	12840.7	90.00	179.53	12530.0	-71.2	684.3	12.00	121.79	140.8	
6	20002.7	90.00	179.53	12530.0	-7233.0	743.0	0.00	0.00	7271.1	PBHL (Fox 30 Fed Com #704H)

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 #704H)	12530.0	126.0	682.0	401268.00	757716.00
PBHL (Fox 30 Fed Com #704H)	12530.0	-7233.0	743.0	393969.00	757777.00



Lea County, NM (NAD 27 NME)
Fox 30 Fed Com #704H
Plan #0.1
WELL DETAILS: #704H
Ground Level: 3322.0
KB = 25' @ 3347.0usft
Northing 401142.00 Easting 757034.00 Latitude 32.10013551 Longitude -103.50328656



EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Fox 30 Fed Com

#704H

OH

Plan: Plan #0.1

Standard Planning Report

08 February, 2017

HOBBS OCD
JUN 26 2017
RECEIVED



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: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25' @ 3347.0usft
MD Reference: KB = 25' @ 3347.0usft
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:	Map	Northing:	401,135.00 usft	Latitude:	32.10013707
From:		Easting:	756,049.00 usft	Longitude:	-103.50646734
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.44 °

Well #704H

Well Position	+N/-S	7.0 usft	Northing:	401,142.00 usft	Latitude:	32.10013550
	+E/-W	985.0 usft	Easting:	757,034.00 usft	Longitude:	-103.50328656
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,322.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	2/7/2017	6.95	59.96	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	174.13

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	
4,557.5	5.58	57.61	4,556.6	14.5	22.9	1.00	1.00	0.00	57.61	
12,066.1	5.58	57.61	12,029.7	405.2	638.9	0.00	0.00	0.00	0.00	
12,840.7	90.00	179.53	12,530.0	-71.2	684.3	12.00	10.90	15.74	121.79	
20,002.7	90.00	179.53	12,530.0	-7,233.0	743.0	0.00	0.00	0.00	0.00	PBHL (Fox 30 Fed Cc



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: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25' @ 3347.0usft
MD Reference: KB = 25' @ 3347.0usft
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	57.61	4,100.0	0.5	0.7	-0.4	1.00	1.00	0.00
4,200.0	2.00	57.61	4,200.0	1.9	2.9	-1.6	1.00	1.00	0.00
4,300.0	3.00	57.61	4,299.9	4.2	6.6	-3.5	1.00	1.00	0.00
4,400.0	4.00	57.61	4,399.7	7.5	11.8	-6.2	1.00	1.00	0.00
4,500.0	5.00	57.61	4,499.4	11.7	18.4	-9.7	1.00	1.00	0.00
4,557.5	5.58	57.61	4,556.6	14.5	22.9	-12.1	1.00	1.00	0.00
4,600.0	5.58	57.61	4,598.9	16.7	26.4	-13.9	0.00	0.00	0.00
4,700.0	5.58	57.61	4,698.4	21.9	34.6	-18.3	0.00	0.00	0.00
4,800.0	5.58	57.61	4,798.0	27.1	42.8	-22.6	0.00	0.00	0.00
4,900.0	5.58	57.61	4,897.5	32.3	51.0	-27.0	0.00	0.00	0.00
5,000.0	5.58	57.61	4,997.0	37.5	59.2	-31.3	0.00	0.00	0.00
5,100.0	5.58	57.61	5,096.6	42.7	67.4	-35.6	0.00	0.00	0.00
5,200.0	5.58	57.61	5,196.1	47.9	75.6	-40.0	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: #704H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
 TVD Reference: KB = 25' @ 3347.0usft
 MD Reference: KB = 25' @ 3347.0usft
 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	5.58	57.61	5,295.6	53.2	83.8	-44.3	0.00	0.00	0.00
5,400.0	5.58	57.61	5,395.1	58.4	92.0	-48.6	0.00	0.00	0.00
5,500.0	5.58	57.61	5,494.7	63.6	100.2	-53.0	0.00	0.00	0.00
5,600.0	5.58	57.61	5,594.2	68.8	108.4	-57.3	0.00	0.00	0.00
5,700.0	5.58	57.61	5,693.7	74.0	116.6	-61.7	0.00	0.00	0.00
5,800.0	5.58	57.61	5,793.2	79.2	124.8	-66.0	0.00	0.00	0.00
5,900.0	5.58	57.61	5,892.8	84.4	133.0	-70.3	0.00	0.00	0.00
6,000.0	5.58	57.61	5,992.3	89.6	141.2	-74.7	0.00	0.00	0.00
6,100.0	5.58	57.61	6,091.8	94.8	149.4	-79.0	0.00	0.00	0.00
6,200.0	5.58	57.61	6,191.4	100.0	157.6	-83.4	0.00	0.00	0.00
6,300.0	5.58	57.61	6,290.9	105.2	165.8	-87.7	0.00	0.00	0.00
6,400.0	5.58	57.61	6,390.4	110.4	174.0	-92.0	0.00	0.00	0.00
6,500.0	5.58	57.61	6,489.9	115.6	182.2	-96.4	0.00	0.00	0.00
6,600.0	5.58	57.61	6,589.5	120.8	190.5	-100.7	0.00	0.00	0.00
6,700.0	5.58	57.61	6,689.0	126.0	198.7	-105.0	0.00	0.00	0.00
6,800.0	5.58	57.61	6,788.5	131.2	206.9	-109.4	0.00	0.00	0.00
6,900.0	5.58	57.61	6,888.0	136.4	215.1	-113.7	0.00	0.00	0.00
7,000.0	5.58	57.61	6,987.6	141.6	223.3	-118.1	0.00	0.00	0.00
7,100.0	5.58	57.61	7,087.1	146.8	231.5	-122.4	0.00	0.00	0.00
7,200.0	5.58	57.61	7,186.6	152.0	239.7	-126.7	0.00	0.00	0.00
7,300.0	5.58	57.61	7,286.1	157.2	247.9	-131.1	0.00	0.00	0.00
7,400.0	5.58	57.61	7,385.7	162.4	256.1	-135.4	0.00	0.00	0.00
7,500.0	5.58	57.61	7,485.2	167.6	264.3	-139.7	0.00	0.00	0.00
7,600.0	5.58	57.61	7,584.7	172.8	272.5	-144.1	0.00	0.00	0.00
7,700.0	5.58	57.61	7,684.3	178.0	280.7	-148.4	0.00	0.00	0.00
7,800.0	5.58	57.61	7,783.8	183.2	288.9	-152.8	0.00	0.00	0.00
7,900.0	5.58	57.61	7,883.3	188.4	297.1	-157.1	0.00	0.00	0.00
8,000.0	5.58	57.61	7,982.8	193.7	305.3	-161.4	0.00	0.00	0.00
8,100.0	5.58	57.61	8,082.4	198.9	313.5	-165.8	0.00	0.00	0.00
8,200.0	5.58	57.61	8,181.9	204.1	321.7	-170.1	0.00	0.00	0.00
8,300.0	5.58	57.61	8,281.4	209.3	329.9	-174.5	0.00	0.00	0.00
8,400.0	5.58	57.61	8,380.9	214.5	338.1	-178.8	0.00	0.00	0.00
8,500.0	5.58	57.61	8,480.5	219.7	346.3	-183.1	0.00	0.00	0.00
8,600.0	5.58	57.61	8,580.0	224.9	354.5	-187.5	0.00	0.00	0.00
8,700.0	5.58	57.61	8,679.5	230.1	362.7	-191.8	0.00	0.00	0.00
8,800.0	5.58	57.61	8,779.1	235.3	370.9	-196.1	0.00	0.00	0.00
8,900.0	5.58	57.61	8,878.6	240.5	379.1	-200.5	0.00	0.00	0.00
9,000.0	5.58	57.61	8,978.1	245.7	387.3	-204.8	0.00	0.00	0.00
9,100.0	5.58	57.61	9,077.6	250.9	395.6	-209.2	0.00	0.00	0.00
9,200.0	5.58	57.61	9,177.2	256.1	403.8	-213.5	0.00	0.00	0.00
9,300.0	5.58	57.61	9,276.7	261.3	412.0	-217.8	0.00	0.00	0.00
9,400.0	5.58	57.61	9,376.2	266.5	420.2	-222.2	0.00	0.00	0.00
9,500.0	5.58	57.61	9,475.7	271.7	428.4	-226.5	0.00	0.00	0.00
9,600.0	5.58	57.61	9,575.3	276.9	436.6	-230.8	0.00	0.00	0.00
9,700.0	5.58	57.61	9,674.8	282.1	444.8	-235.2	0.00	0.00	0.00
9,800.0	5.58	57.61	9,774.3	287.3	453.0	-239.5	0.00	0.00	0.00
9,900.0	5.58	57.61	9,873.8	292.5	461.2	-243.9	0.00	0.00	0.00
10,000.0	5.58	57.61	9,973.4	297.7	469.4	-248.2	0.00	0.00	0.00
10,100.0	5.58	57.61	10,072.9	302.9	477.6	-252.5	0.00	0.00	0.00
10,200.0	5.58	57.61	10,172.4	308.1	485.8	-256.9	0.00	0.00	0.00
10,300.0	5.58	57.61	10,272.0	313.3	494.0	-261.2	0.00	0.00	0.00
10,400.0	5.58	57.61	10,371.5	318.5	502.2	-265.6	0.00	0.00	0.00
10,500.0	5.58	57.61	10,471.0	323.7	510.4	-269.9	0.00	0.00	0.00
10,600.0	5.58	57.61	10,570.5	328.9	518.6	-274.2	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: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25' @ 3347.0usft
MD Reference: KB = 25' @ 3347.0usft
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)
10,700.0	5.58	57.61	10,670.1	334.1	526.8	-278.6	0.00	0.00	0.00
10,800.0	5.58	57.61	10,769.6	339.4	535.0	-282.9	0.00	0.00	0.00
10,900.0	5.58	57.61	10,869.1	344.6	543.2	-287.2	0.00	0.00	0.00
11,000.0	5.58	57.61	10,968.6	349.8	551.4	-291.6	0.00	0.00	0.00
11,100.0	5.58	57.61	11,068.2	355.0	559.6	-295.9	0.00	0.00	0.00
11,200.0	5.58	57.61	11,167.7	360.2	567.8	-300.3	0.00	0.00	0.00
11,300.0	5.58	57.61	11,267.2	365.4	576.0	-304.6	0.00	0.00	0.00
11,400.0	5.58	57.61	11,366.8	370.6	584.2	-308.9	0.00	0.00	0.00
11,500.0	5.58	57.61	11,466.3	375.8	592.4	-313.3	0.00	0.00	0.00
11,600.0	5.58	57.61	11,565.8	381.0	600.6	-317.6	0.00	0.00	0.00
11,700.0	5.58	57.61	11,665.3	386.2	608.9	-321.9	0.00	0.00	0.00
11,800.0	5.58	57.61	11,764.9	391.4	617.1	-326.3	0.00	0.00	0.00
11,900.0	5.58	57.61	11,864.4	396.6	625.3	-330.6	0.00	0.00	0.00
12,000.0	5.58	57.61	11,963.9	401.8	633.5	-335.0	0.00	0.00	0.00
12,066.1	5.58	57.61	12,029.7	405.2	638.9	-337.8	0.00	0.00	0.00
12,075.0	5.09	67.86	12,038.6	405.6	639.6	-338.1	12.00	-5.41	115.46
12,100.0	4.87	102.86	12,063.5	405.8	641.7	-338.1	12.00	-0.91	140.00
12,125.0	6.28	130.64	12,088.4	404.7	643.8	-336.8	12.00	5.63	111.10
12,150.0	8.55	146.07	12,113.2	402.2	645.8	-334.1	12.00	9.08	61.72
12,175.0	11.16	154.71	12,137.8	398.5	647.9	-330.2	12.00	10.47	34.55
12,200.0	13.94	160.02	12,162.2	393.5	650.0	-325.0	12.00	11.09	21.27
12,225.0	16.78	163.59	12,186.3	387.2	652.0	-318.5	12.00	11.40	14.25
12,250.0	19.68	166.13	12,210.0	379.6	654.0	-310.8	12.00	11.57	10.19
12,275.0	22.60	168.05	12,233.3	370.9	656.0	-301.9	12.00	11.68	7.66
12,300.0	25.54	169.54	12,256.2	360.9	658.0	-291.7	12.00	11.75	5.98
12,325.0	28.49	170.75	12,278.4	349.7	660.0	-280.4	12.00	11.80	4.82
12,350.0	31.44	171.74	12,300.1	337.3	661.8	-267.9	12.00	11.83	3.98
12,375.0	34.41	172.58	12,321.1	323.9	663.7	-254.4	12.00	11.86	3.36
12,400.0	37.38	173.30	12,341.3	309.3	665.5	-239.7	12.00	11.88	2.89
12,425.0	40.35	173.93	12,360.8	293.7	667.2	-224.0	12.00	11.90	2.52
12,450.0	43.33	174.49	12,379.4	277.2	668.9	-207.3	12.00	11.91	2.23
12,475.0	46.31	174.99	12,397.1	259.6	670.5	-189.7	12.00	11.92	2.00
12,500.0	49.29	175.44	12,413.9	241.2	672.1	-171.2	12.00	11.93	1.81
12,525.0	52.27	175.85	12,429.7	221.8	673.5	-151.9	12.00	11.93	1.65
12,550.0	55.26	176.24	12,444.5	201.7	674.9	-131.7	12.00	11.94	1.52
12,575.0	58.24	176.59	12,458.2	180.9	676.2	-110.8	12.00	11.94	1.42
12,600.0	61.23	176.92	12,470.8	159.3	677.5	-89.2	12.00	11.95	1.33
12,625.0	64.22	177.24	12,482.3	137.1	678.6	-67.1	12.00	11.95	1.25
12,650.0	67.20	177.53	12,492.6	114.4	679.6	-44.3	12.00	11.95	1.19
12,652.9	67.54	177.57	12,493.7	111.7	679.7	-41.7	12.00	11.95	1.16
FTP (Fox 30 Fed Com #704H)									
12,675.0	70.19	177.82	12,501.6	91.1	680.6	-21.1	12.00	11.95	1.14
12,700.0	73.18	178.09	12,509.5	67.4	681.4	2.6	12.00	11.95	1.10
12,725.0	76.17	178.36	12,516.1	43.3	682.2	26.7	12.00	11.96	1.07
12,750.0	79.16	178.62	12,521.4	18.9	682.8	51.0	12.00	11.96	1.04
12,775.0	82.15	178.88	12,525.5	-5.8	683.3	75.6	12.00	11.96	1.02
12,800.0	85.14	179.13	12,528.3	-30.6	683.8	100.3	12.00	11.96	1.00
12,825.0	88.13	179.37	12,529.7	-55.6	684.1	125.2	12.00	11.96	0.99
12,840.7	90.00	179.53	12,530.0	-71.2	684.3	140.8	12.00	11.96	0.99
12,900.0	90.00	179.53	12,530.0	-130.6	684.7	199.9	0.00	0.00	0.00
13,000.0	90.00	179.53	12,530.0	-230.6	685.6	299.4	0.00	0.00	0.00
13,100.0	90.00	179.53	12,530.0	-330.6	686.4	399.0	0.00	0.00	0.00
13,200.0	90.00	179.53	12,530.0	-430.6	687.2	498.5	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 Corn
Well: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25' @ 3347.0usft
MD Reference: KB = 25' @ 3347.0usft
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	-530.6	688.0	598.1	0.00	0.00	0.00
13,400.0	90.00	179.53	12,530.0	-630.6	688.8	697.7	0.00	0.00	0.00
13,500.0	90.00	179.53	12,530.0	-730.6	689.7	797.2	0.00	0.00	0.00
13,600.0	90.00	179.53	12,530.0	-830.6	690.5	896.8	0.00	0.00	0.00
13,700.0	90.00	179.53	12,530.0	-930.6	691.3	996.3	0.00	0.00	0.00
13,800.0	90.00	179.53	12,530.0	-1,030.6	692.1	1,095.9	0.00	0.00	0.00
13,900.0	90.00	179.53	12,530.0	-1,130.5	692.9	1,195.4	0.00	0.00	0.00
14,000.0	90.00	179.53	12,530.0	-1,230.5	693.8	1,295.0	0.00	0.00	0.00
14,100.0	90.00	179.53	12,530.0	-1,330.5	694.6	1,394.6	0.00	0.00	0.00
14,200.0	90.00	179.53	12,530.0	-1,430.5	695.4	1,494.1	0.00	0.00	0.00
14,300.0	90.00	179.53	12,530.0	-1,530.5	696.2	1,593.7	0.00	0.00	0.00
14,400.0	90.00	179.53	12,530.0	-1,630.5	697.0	1,693.2	0.00	0.00	0.00
14,500.0	90.00	179.53	12,530.0	-1,730.5	697.9	1,792.8	0.00	0.00	0.00
14,600.0	90.00	179.53	12,530.0	-1,830.5	698.7	1,892.3	0.00	0.00	0.00
14,700.0	90.00	179.53	12,530.0	-1,930.5	699.5	1,991.9	0.00	0.00	0.00
14,800.0	90.00	179.53	12,530.0	-2,030.5	700.3	2,091.5	0.00	0.00	0.00
14,900.0	90.00	179.53	12,530.0	-2,130.5	701.1	2,191.0	0.00	0.00	0.00
15,000.0	90.00	179.53	12,530.0	-2,230.5	702.0	2,290.6	0.00	0.00	0.00
15,100.0	90.00	179.53	12,530.0	-2,330.5	702.8	2,390.1	0.00	0.00	0.00
15,200.0	90.00	179.53	12,530.0	-2,430.5	703.6	2,489.7	0.00	0.00	0.00
15,300.0	90.00	179.53	12,530.0	-2,530.5	704.4	2,589.2	0.00	0.00	0.00
15,400.0	90.00	179.53	12,530.0	-2,630.5	705.2	2,688.8	0.00	0.00	0.00
15,500.0	90.00	179.53	12,530.0	-2,730.5	706.1	2,788.4	0.00	0.00	0.00
15,600.0	90.00	179.53	12,530.0	-2,830.5	706.9	2,887.9	0.00	0.00	0.00
15,700.0	90.00	179.53	12,530.0	-2,930.5	707.7	2,987.5	0.00	0.00	0.00
15,800.0	90.00	179.53	12,530.0	-3,030.5	708.5	3,087.0	0.00	0.00	0.00
15,900.0	90.00	179.53	12,530.0	-3,130.5	709.3	3,186.6	0.00	0.00	0.00
16,000.0	90.00	179.53	12,530.0	-3,230.5	710.2	3,286.1	0.00	0.00	0.00
16,100.0	90.00	179.53	12,530.0	-3,330.5	711.0	3,385.7	0.00	0.00	0.00
16,200.0	90.00	179.53	12,530.0	-3,430.5	711.8	3,485.2	0.00	0.00	0.00
16,300.0	90.00	179.53	12,530.0	-3,530.5	712.6	3,584.8	0.00	0.00	0.00
16,400.0	90.00	179.53	12,530.0	-3,630.5	713.4	3,684.4	0.00	0.00	0.00
16,500.0	90.00	179.53	12,530.0	-3,730.5	714.3	3,783.9	0.00	0.00	0.00
16,600.0	90.00	179.53	12,530.0	-3,830.5	715.1	3,883.5	0.00	0.00	0.00
16,700.0	90.00	179.53	12,530.0	-3,930.5	715.9	3,983.0	0.00	0.00	0.00
16,800.0	90.00	179.53	12,530.0	-4,030.4	716.7	4,082.6	0.00	0.00	0.00
16,900.0	90.00	179.53	12,530.0	-4,130.4	717.5	4,182.1	0.00	0.00	0.00
17,000.0	90.00	179.53	12,530.0	-4,230.4	718.4	4,281.7	0.00	0.00	0.00
17,100.0	90.00	179.53	12,530.0	-4,330.4	719.2	4,381.3	0.00	0.00	0.00
17,200.0	90.00	179.53	12,530.0	-4,430.4	720.0	4,480.8	0.00	0.00	0.00
17,300.0	90.00	179.53	12,530.0	-4,530.4	720.8	4,580.4	0.00	0.00	0.00
17,400.0	90.00	179.53	12,530.0	-4,630.4	721.7	4,679.9	0.00	0.00	0.00
17,500.0	90.00	179.53	12,530.0	-4,730.4	722.5	4,779.5	0.00	0.00	0.00
17,600.0	90.00	179.53	12,530.0	-4,830.4	723.3	4,879.0	0.00	0.00	0.00
17,700.0	90.00	179.53	12,530.0	-4,930.4	724.1	4,978.6	0.00	0.00	0.00
17,800.0	90.00	179.53	12,530.0	-5,030.4	724.9	5,078.2	0.00	0.00	0.00
17,900.0	90.00	179.53	12,530.0	-5,130.4	725.8	5,177.7	0.00	0.00	0.00
18,000.0	90.00	179.53	12,530.0	-5,230.4	726.6	5,277.3	0.00	0.00	0.00
18,100.0	90.00	179.53	12,530.0	-5,330.4	727.4	5,376.8	0.00	0.00	0.00
18,200.0	90.00	179.53	12,530.0	-5,430.4	728.2	5,476.4	0.00	0.00	0.00
18,300.0	90.00	179.53	12,530.0	-5,530.4	729.0	5,575.9	0.00	0.00	0.00
18,400.0	90.00	179.53	12,530.0	-5,630.4	729.9	5,675.5	0.00	0.00	0.00
18,500.0	90.00	179.53	12,530.0	-5,730.4	730.7	5,775.1	0.00	0.00	0.00
18,600.0	90.00	179.53	12,530.0	-5,830.4	731.5	5,874.6	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: #704H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
 TVD Reference: KB = 25' @ 3347.0usft
 MD Reference: KB = 25' @ 3347.0usft
 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	-5,930.4	732.3	5,974.2	0.00	0.00	0.00
18,800.0	90.00	179.53	12,530.0	-6,030.4	733.1	6,073.7	0.00	0.00	0.00
18,900.0	90.00	179.53	12,530.0	-6,130.4	734.0	6,173.3	0.00	0.00	0.00
19,000.0	90.00	179.53	12,530.0	-6,230.4	734.8	6,272.8	0.00	0.00	0.00
19,100.0	90.00	179.53	12,530.0	-6,330.4	735.6	6,372.4	0.00	0.00	0.00
19,200.0	90.00	179.53	12,530.0	-6,430.4	736.4	6,472.0	0.00	0.00	0.00
19,300.0	90.00	179.53	12,530.0	-6,530.4	737.2	6,571.5	0.00	0.00	0.00
19,400.0	90.00	179.53	12,530.0	-6,630.4	738.1	6,671.1	0.00	0.00	0.00
19,500.0	90.00	179.53	12,530.0	-6,730.4	738.9	6,770.6	0.00	0.00	0.00
19,600.0	90.00	179.53	12,530.0	-6,830.4	739.7	6,870.2	0.00	0.00	0.00
19,700.0	90.00	179.53	12,530.0	-6,930.4	740.5	6,969.7	0.00	0.00	0.00
19,800.0	90.00	179.53	12,530.0	-7,030.3	741.3	7,069.3	0.00	0.00	0.00
19,900.0	90.00	179.53	12,530.0	-7,130.3	742.2	7,168.9	0.00	0.00	0.00
20,002.7	90.00	179.53	12,530.0	-7,233.0	743.0	7,271.1	0.00	0.00	0.00

PBHL (Fox 30 Fed Com #704H)

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	-7,233.0	743.0	393,909.00	757,777.00	32.08023796	-103.50106763
- plan hits target center									
- Point									
FTP (Fox 30 Fed Com #	0.00	0.00	12,530.0	126.0	682.0	401,268.00	757,716.00	32.10046739	-103.50108122
- plan misses target center by 39.1usft at 12652.9usft MD (12493.7 TVD, 111.7 N, 679.7 E)									
- Point									