



APR 11 2018
RECEIVED

Lea County, NM (NAD 83 NME)

Condor 32 State #711H

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: #711H

KB = 25 @ 3346.0usft
Northing 398194.90 Easting 801781.00 Latitude 32° 5' 30.923 N Longitude 103° 29' 32.402 W

SECTION DETAILS

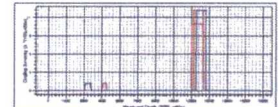
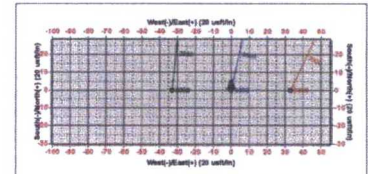
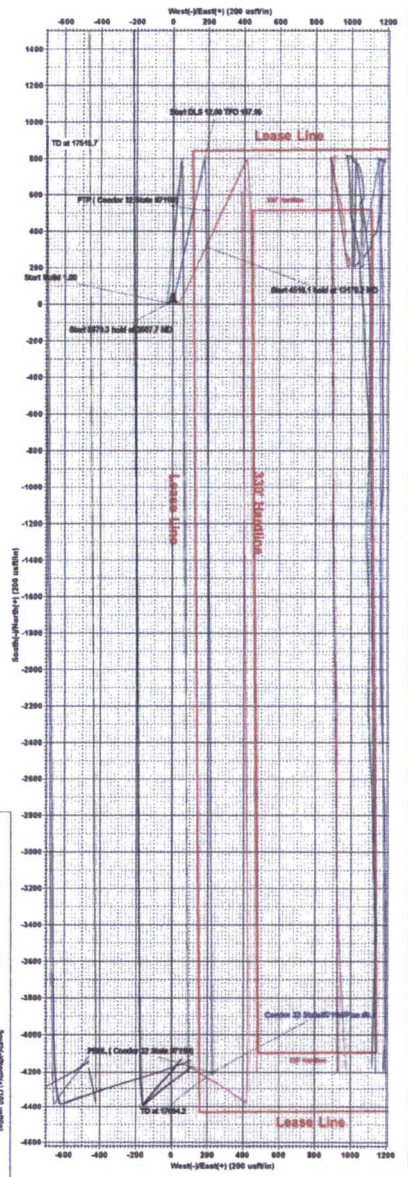
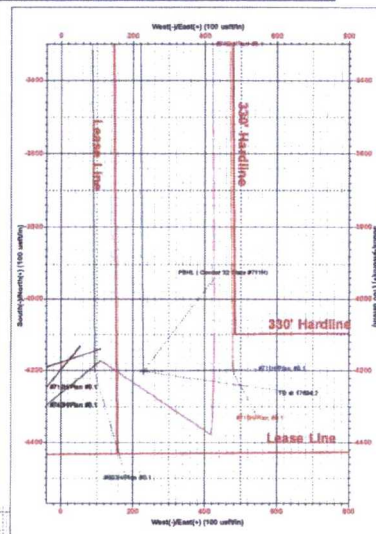
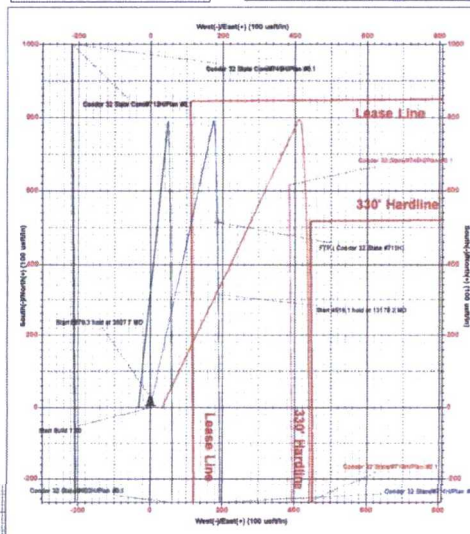
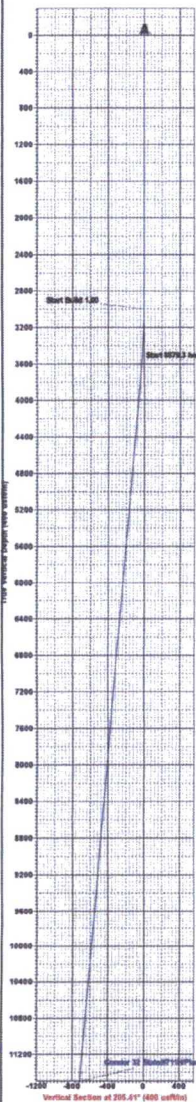
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3	3507.7	5.08	12.37	3507.0	22.0	4.8	1.00	12.37	-21.7	
4	12386.9	5.08	12.37	12351.5	789.4	173.2	0.00	0.00	-778.8	
5	13178.2	90.00	179.48	12870.0	313.9	187.8	12.00	167.05	-303.2	
6	17994.2	90.00	179.48	12870.0	-4202.0	229.0	0.00	0.00	4208.2	PBHL (Condor 32 State #711H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
FTP (Condor 32 State #711H)	12870.0	814.0	188.0	398708.00	801987.00
PBHL (Condor 32 State #711H)	12870.0	-4202.0	229.0	393892.00	802010.00



Lea County, NM (NAD 83 NME)
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Condor 32 State

#711H

OH

Plan: Plan #0.1

Standard Planning Report

10 April, 2018



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #711H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3346.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3346.0usft
Site:	Condor 32 State	North Reference:	Grid
Well:	#711H	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	Condor 32 State					
Site Position:		Northing:	398,890.00 usft	Latitude:	32° 5' 37.669 N	
From:	Map	Easting:	803,604.00 usft	Longitude:	103° 29' 11.148 W	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.45 °

Well		#711H				
Well Position	+N/-S	-696.0 usft	Northing:	398,194.00 usft	Latitude:	32° 5' 30.923 N
	+E/-W	-1,823.0 usft	Easting:	801,781.00 usft	Longitude:	103° 29' 32.402 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,321.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	3/6/2018	6.83	59.94	47,794.92950230

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	176.88

Plan Survey Tool Program	Date 4/10/2018			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,694.2	Plan #0.1 (OH)	MWD
				OWSG MWD - Standard

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	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,507.7	5.08	12.37	3,507.0	22.0	4.8	1.00	1.00	0.00	12.37	
12,386.9	5.08	12.37	12,351.5	789.4	173.2	0.00	0.00	0.00	0.00	
13,178.2	90.00	179.48	12,870.0	313.9	187.8	12.00	10.73	21.12	167.05	
17,694.2	90.00	179.48	12,870.0	-4,202.0	229.0	0.00	0.00	0.00	0.00	PBHL (Condor 32 St



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #711H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3346.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3346.0usft
Site:	Condor 32 State	North Reference:	Grid
Well:	#711H	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)
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	1.00	12.37	3,100.0	0.9	0.2	-0.8	1.00	1.00	0.00
3,200.0	2.00	12.37	3,200.0	3.4	0.7	-3.4	1.00	1.00	0.00
3,300.0	3.00	12.37	3,299.9	7.7	1.7	-7.6	1.00	1.00	0.00
3,400.0	4.00	12.37	3,399.7	13.6	3.0	-13.4	1.00	1.00	0.00
3,507.7	5.08	12.37	3,507.0	22.0	4.8	-21.7	1.00	1.00	0.00
3,600.0	5.08	12.37	3,599.0	29.9	6.6	-29.5	0.00	0.00	0.00
3,700.0	5.08	12.37	3,698.6	38.6	8.5	-38.1	0.00	0.00	0.00
3,800.0	5.08	12.37	3,798.2	47.2	10.4	-46.6	0.00	0.00	0.00
3,900.0	5.08	12.37	3,897.8	55.9	12.3	-55.1	0.00	0.00	0.00
4,000.0	5.08	12.37	3,997.4	64.5	14.2	-63.6	0.00	0.00	0.00
4,100.0	5.08	12.37	4,097.0	73.2	16.0	-72.2	0.00	0.00	0.00
4,200.0	5.08	12.37	4,196.6	81.8	17.9	-80.7	0.00	0.00	0.00
4,300.0	5.08	12.37	4,296.2	90.4	19.8	-89.2	0.00	0.00	0.00
4,400.0	5.08	12.37	4,395.8	99.1	21.7	-97.8	0.00	0.00	0.00
4,500.0	5.08	12.37	4,495.4	107.7	23.6	-106.3	0.00	0.00	0.00
4,600.0	5.08	12.37	4,595.1	116.4	25.5	-114.8	0.00	0.00	0.00
4,700.0	5.08	12.37	4,694.7	125.0	27.4	-123.3	0.00	0.00	0.00
4,800.0	5.08	12.37	4,794.3	133.7	29.3	-131.9	0.00	0.00	0.00
4,900.0	5.08	12.37	4,893.9	142.3	31.2	-140.4	0.00	0.00	0.00
5,000.0	5.08	12.37	4,993.5	150.9	33.1	-148.9	0.00	0.00	0.00
5,100.0	5.08	12.37	5,093.1	159.6	35.0	-157.4	0.00	0.00	0.00
5,200.0	5.08	12.37	5,192.7	168.2	36.9	-166.0	0.00	0.00	0.00
5,300.0	5.08	12.37	5,292.3	176.9	38.8	-174.5	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Condor 32 State
 Well: #711H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #711H
 TVD Reference: KB = 25 @ 3346.0usft
 MD Reference: KB = 25 @ 3346.0usft
 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)
5,400.0	5.08	12.37	5,391.9	185.5	40.7	-183.0	0.00	0.00	0.00
5,500.0	5.08	12.37	5,491.5	194.2	42.6	-191.6	0.00	0.00	0.00
5,600.0	5.08	12.37	5,591.1	202.8	44.5	-200.1	0.00	0.00	0.00
5,700.0	5.08	12.37	5,690.7	211.4	46.4	-208.6	0.00	0.00	0.00
5,800.0	5.08	12.37	5,790.3	220.1	48.3	-217.1	0.00	0.00	0.00
5,900.0	5.08	12.37	5,890.0	228.7	50.2	-225.7	0.00	0.00	0.00
6,000.0	5.08	12.37	5,989.6	237.4	52.1	-234.2	0.00	0.00	0.00
6,100.0	5.08	12.37	6,089.2	246.0	54.0	-242.7	0.00	0.00	0.00
6,200.0	5.08	12.37	6,188.8	254.7	55.9	-251.2	0.00	0.00	0.00
6,300.0	5.08	12.37	6,288.4	263.3	57.8	-259.8	0.00	0.00	0.00
6,400.0	5.08	12.37	6,388.0	272.0	59.7	-268.3	0.00	0.00	0.00
6,500.0	5.08	12.37	6,487.6	280.6	61.6	-276.8	0.00	0.00	0.00
6,600.0	5.08	12.37	6,587.2	289.2	63.5	-285.4	0.00	0.00	0.00
6,700.0	5.08	12.37	6,686.8	297.9	65.4	-293.9	0.00	0.00	0.00
6,800.0	5.08	12.37	6,786.4	306.5	67.3	-302.4	0.00	0.00	0.00
6,900.0	5.08	12.37	6,886.0	315.2	69.1	-310.9	0.00	0.00	0.00
7,000.0	5.08	12.37	6,985.6	323.8	71.0	-319.5	0.00	0.00	0.00
7,100.0	5.08	12.37	7,085.2	332.5	72.9	-328.0	0.00	0.00	0.00
7,200.0	5.08	12.37	7,184.9	341.1	74.8	-336.5	0.00	0.00	0.00
7,300.0	5.08	12.37	7,284.5	349.7	76.7	-345.1	0.00	0.00	0.00
7,400.0	5.08	12.37	7,384.1	358.4	78.6	-353.6	0.00	0.00	0.00
7,500.0	5.08	12.37	7,483.7	367.0	80.5	-362.1	0.00	0.00	0.00
7,600.0	5.08	12.37	7,583.3	375.7	82.4	-370.6	0.00	0.00	0.00
7,700.0	5.08	12.37	7,682.9	384.3	84.3	-379.2	0.00	0.00	0.00
7,800.0	5.08	12.37	7,782.5	393.0	86.2	-387.7	0.00	0.00	0.00
7,900.0	5.08	12.37	7,882.1	401.6	88.1	-396.2	0.00	0.00	0.00
8,000.0	5.08	12.37	7,981.7	410.3	90.0	-404.7	0.00	0.00	0.00
8,100.0	5.08	12.37	8,081.3	418.9	91.9	-413.3	0.00	0.00	0.00
8,200.0	5.08	12.37	8,180.9	427.5	93.8	-421.8	0.00	0.00	0.00
8,300.0	5.08	12.37	8,280.5	436.2	95.7	-430.3	0.00	0.00	0.00
8,400.0	5.08	12.37	8,380.1	444.8	97.6	-438.9	0.00	0.00	0.00
8,500.0	5.08	12.37	8,479.8	453.5	99.5	-447.4	0.00	0.00	0.00
8,600.0	5.08	12.37	8,579.4	462.1	101.4	-455.9	0.00	0.00	0.00
8,700.0	5.08	12.37	8,679.0	470.8	103.3	-464.4	0.00	0.00	0.00
8,800.0	5.08	12.37	8,778.6	479.4	105.2	-473.0	0.00	0.00	0.00
8,900.0	5.08	12.37	8,878.2	488.0	107.1	-481.5	0.00	0.00	0.00
9,000.0	5.08	12.37	8,977.8	496.7	109.0	-490.0	0.00	0.00	0.00
9,100.0	5.08	12.37	9,077.4	505.3	110.9	-498.5	0.00	0.00	0.00
9,200.0	5.08	12.37	9,177.0	514.0	112.8	-507.1	0.00	0.00	0.00
9,300.0	5.08	12.37	9,276.6	522.6	114.7	-515.6	0.00	0.00	0.00
9,400.0	5.08	12.37	9,376.2	531.3	116.6	-524.1	0.00	0.00	0.00
9,500.0	5.08	12.37	9,475.8	539.9	118.5	-532.7	0.00	0.00	0.00
9,600.0	5.08	12.37	9,575.4	548.5	120.4	-541.2	0.00	0.00	0.00
9,700.0	5.08	12.37	9,675.0	557.2	122.2	-549.7	0.00	0.00	0.00
9,800.0	5.08	12.37	9,774.7	565.8	124.1	-558.2	0.00	0.00	0.00
9,900.0	5.08	12.37	9,874.3	574.5	126.0	-566.8	0.00	0.00	0.00
10,000.0	5.08	12.37	9,973.9	583.1	127.9	-575.3	0.00	0.00	0.00
10,100.0	5.08	12.37	10,073.5	591.8	129.8	-583.8	0.00	0.00	0.00
10,200.0	5.08	12.37	10,173.1	600.4	131.7	-592.4	0.00	0.00	0.00
10,300.0	5.08	12.37	10,272.7	609.1	133.6	-600.9	0.00	0.00	0.00
10,400.0	5.08	12.37	10,372.3	617.7	135.5	-609.4	0.00	0.00	0.00
10,500.0	5.08	12.37	10,471.9	626.3	137.4	-617.9	0.00	0.00	0.00
10,600.0	5.08	12.37	10,571.5	635.0	139.3	-626.5	0.00	0.00	0.00
10,700.0	5.08	12.37	10,671.1	643.6	141.2	-635.0	0.00	0.00	0.00



Planning Report

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Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3346.0usft
Site:	Condor 32 State	North Reference:	Grid
Well:	#711H	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)
10,800.0	5.08	12.37	10,770.7	652.3	143.1	-643.5	0.00	0.00	0.00
10,900.0	5.08	12.37	10,870.3	660.9	145.0	-652.0	0.00	0.00	0.00
11,000.0	5.08	12.37	10,969.9	669.6	146.9	-660.6	0.00	0.00	0.00
11,100.0	5.08	12.37	11,069.6	678.2	148.8	-669.1	0.00	0.00	0.00
11,200.0	5.08	12.37	11,169.2	686.8	150.7	-677.6	0.00	0.00	0.00
11,300.0	5.08	12.37	11,268.8	695.5	152.6	-686.2	0.00	0.00	0.00
11,400.0	5.08	12.37	11,368.4	704.1	154.5	-694.7	0.00	0.00	0.00
11,500.0	5.08	12.37	11,468.0	712.8	156.4	-703.2	0.00	0.00	0.00
11,600.0	5.08	12.37	11,567.6	721.4	158.3	-711.7	0.00	0.00	0.00
11,700.0	5.08	12.37	11,667.2	730.1	160.2	-720.3	0.00	0.00	0.00
11,800.0	5.08	12.37	11,766.8	738.7	162.1	-728.8	0.00	0.00	0.00
11,900.0	5.08	12.37	11,866.4	747.3	164.0	-737.3	0.00	0.00	0.00
12,000.0	5.08	12.37	11,966.0	756.0	165.9	-745.8	0.00	0.00	0.00
12,100.0	5.08	12.37	12,065.6	764.6	167.8	-754.4	0.00	0.00	0.00
12,200.0	5.08	12.37	12,165.2	773.3	169.7	-762.9	0.00	0.00	0.00
12,300.0	5.08	12.37	12,264.8	781.9	171.6	-771.4	0.00	0.00	0.00
12,386.9	5.08	12.37	12,351.5	789.4	173.2	-778.8	0.00	0.00	0.00
12,400.0	3.57	18.02	12,364.5	790.4	173.5	-779.8	12.00	-11.56	43.27
12,425.0	1.20	70.87	12,389.4	791.2	173.9	-780.6	12.00	-9.48	211.41
12,450.0	2.85	156.03	12,414.4	790.7	174.4	-780.1	12.00	6.62	340.64
12,475.0	5.73	168.08	12,439.4	788.9	175.0	-778.3	12.00	11.51	48.19
12,500.0	8.69	172.02	12,464.2	785.8	175.5	-775.1	12.00	11.84	15.77
12,525.0	11.67	173.97	12,488.8	781.5	176.0	-770.7	12.00	11.92	7.78
12,550.0	14.66	175.13	12,513.1	775.8	176.5	-765.0	12.00	11.95	4.64
12,575.0	17.65	175.91	12,537.1	768.9	177.1	-758.1	12.00	11.97	3.10
12,600.0	20.65	176.46	12,560.7	760.7	177.6	-749.9	12.00	11.98	2.22
12,625.0	23.64	176.88	12,583.9	751.3	178.2	-740.5	12.00	11.98	1.68
12,650.0	26.64	177.21	12,606.5	740.7	178.7	-729.8	12.00	11.99	1.32
12,675.0	29.64	177.48	12,628.6	728.9	179.3	-718.1	12.00	11.99	1.07
12,700.0	32.64	177.70	12,649.9	716.0	179.8	-705.1	12.00	11.99	0.89
12,725.0	35.63	177.89	12,670.6	702.0	180.3	-691.1	12.00	11.99	0.76
12,750.0	38.63	178.06	12,690.6	686.9	180.9	-676.0	12.00	11.99	0.65
12,775.0	41.63	178.20	12,709.7	670.8	181.4	-659.9	12.00	11.99	0.57
12,800.0	44.63	178.33	12,727.9	653.7	181.9	-642.8	12.00	11.99	0.51
12,825.0	47.63	178.44	12,745.2	635.7	182.4	-624.8	12.00	12.00	0.46
12,850.0	50.63	178.55	12,761.6	616.8	182.9	-605.9	12.00	12.00	0.42
12,875.0	53.63	178.64	12,776.9	597.1	183.4	-586.2	12.00	12.00	0.38
12,900.0	56.63	178.73	12,791.2	576.6	183.9	-565.7	12.00	12.00	0.35
12,925.0	59.62	178.81	12,804.4	555.3	184.3	-544.5	12.00	12.00	0.33
12,950.0	62.62	178.89	12,816.5	533.4	184.8	-522.6	12.00	12.00	0.31
12,975.0	65.62	178.96	12,827.4	511.0	185.2	-500.1	12.00	12.00	0.29
12,988.8	67.27	179.00	12,832.9	498.3	185.4	-487.5	12.00	12.00	0.28
FTP (Condor 32 State #711H)									
13,000.0	68.62	179.03	12,837.1	487.9	185.6	-477.1	12.00	12.00	0.28
13,025.0	71.62	179.10	12,845.6	464.4	186.0	-453.6	12.00	12.00	0.27
13,050.0	74.62	179.17	12,852.9	440.5	186.3	-429.7	12.00	12.00	0.26
13,075.0	77.62	179.23	12,858.9	416.2	186.7	-405.5	12.00	12.00	0.25
13,100.0	80.62	179.29	12,863.6	391.7	187.0	-380.9	12.00	12.00	0.25
13,125.0	83.62	179.35	12,867.0	366.9	187.3	-356.2	12.00	12.00	0.24
13,150.0	86.62	179.41	12,869.2	342.0	187.6	-331.3	12.00	12.00	0.24
13,175.0	89.62	179.47	12,870.0	317.1	187.8	-306.4	12.00	12.00	0.24
13,178.2	90.00	179.48	12,870.0	313.9	187.8	-303.2	12.00	12.00	0.24
13,200.0	90.00	179.48	12,870.0	292.1	188.0	-281.4	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Condor 32 State
Well: #711H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #711H
TVD Reference: KB = 25 @ 3346.0usft
MD Reference: KB = 25 @ 3346.0usft
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	179.48	12,870.0	192.1	188.9	-181.5	0.00	0.00	0.00
13,400.0	90.00	179.48	12,870.0	92.1	189.8	-81.6	0.00	0.00	0.00
13,500.0	90.00	179.48	12,870.0	-7.9	190.8	18.3	0.00	0.00	0.00
13,600.0	90.00	179.48	12,870.0	-107.9	191.7	118.2	0.00	0.00	0.00
13,700.0	90.00	179.48	12,870.0	-207.9	192.6	218.1	0.00	0.00	0.00
13,800.0	90.00	179.48	12,870.0	-307.9	193.5	318.0	0.00	0.00	0.00
13,900.0	90.00	179.48	12,870.0	-407.9	194.4	417.9	0.00	0.00	0.00
14,000.0	90.00	179.48	12,870.0	-507.9	195.3	517.8	0.00	0.00	0.00
14,100.0	90.00	179.48	12,870.0	-607.9	196.2	617.7	0.00	0.00	0.00
14,200.0	90.00	179.48	12,870.0	-707.9	197.1	717.6	0.00	0.00	0.00
14,300.0	90.00	179.48	12,870.0	-807.9	198.1	817.5	0.00	0.00	0.00
14,400.0	90.00	179.48	12,870.0	-907.9	199.0	917.4	0.00	0.00	0.00
14,500.0	90.00	179.48	12,870.0	-1,007.9	199.9	1,017.3	0.00	0.00	0.00
14,600.0	90.00	179.48	12,870.0	-1,107.9	200.8	1,117.2	0.00	0.00	0.00
14,700.0	90.00	179.48	12,870.0	-1,207.9	201.7	1,217.1	0.00	0.00	0.00
14,800.0	90.00	179.48	12,870.0	-1,307.9	202.6	1,317.0	0.00	0.00	0.00
14,900.0	90.00	179.48	12,870.0	-1,407.9	203.5	1,416.9	0.00	0.00	0.00
15,000.0	90.00	179.48	12,870.0	-1,507.9	204.4	1,516.8	0.00	0.00	0.00
15,100.0	90.00	179.48	12,870.0	-1,607.9	205.3	1,616.7	0.00	0.00	0.00
15,200.0	90.00	179.48	12,870.0	-1,707.9	206.3	1,716.6	0.00	0.00	0.00
15,300.0	90.00	179.48	12,870.0	-1,807.9	207.2	1,816.5	0.00	0.00	0.00
15,400.0	90.00	179.48	12,870.0	-1,907.9	208.1	1,916.4	0.00	0.00	0.00
15,500.0	90.00	179.48	12,870.0	-2,007.8	209.0	2,016.2	0.00	0.00	0.00
15,600.0	90.00	179.48	12,870.0	-2,107.8	209.9	2,116.1	0.00	0.00	0.00
15,700.0	90.00	179.48	12,870.0	-2,207.8	210.8	2,216.0	0.00	0.00	0.00
15,800.0	90.00	179.48	12,870.0	-2,307.8	211.7	2,315.9	0.00	0.00	0.00
15,900.0	90.00	179.48	12,870.0	-2,407.8	212.6	2,415.8	0.00	0.00	0.00
16,000.0	90.00	179.48	12,870.0	-2,507.8	213.6	2,515.7	0.00	0.00	0.00
16,100.0	90.00	179.48	12,870.0	-2,607.8	214.5	2,615.6	0.00	0.00	0.00
16,200.0	90.00	179.48	12,870.0	-2,707.8	215.4	2,715.5	0.00	0.00	0.00
16,300.0	90.00	179.48	12,870.0	-2,807.8	216.3	2,815.4	0.00	0.00	0.00
16,400.0	90.00	179.48	12,870.0	-2,907.8	217.2	2,915.3	0.00	0.00	0.00
16,500.0	90.00	179.48	12,870.0	-3,007.8	218.1	3,015.2	0.00	0.00	0.00
16,600.0	90.00	179.48	12,870.0	-3,107.8	219.0	3,115.1	0.00	0.00	0.00
16,700.0	90.00	179.48	12,870.0	-3,207.8	219.9	3,215.0	0.00	0.00	0.00
16,800.0	90.00	179.48	12,870.0	-3,307.8	220.8	3,314.9	0.00	0.00	0.00
16,900.0	90.00	179.48	12,870.0	-3,407.8	221.8	3,414.8	0.00	0.00	0.00
17,000.0	90.00	179.48	12,870.0	-3,507.8	222.7	3,514.7	0.00	0.00	0.00
17,100.0	90.00	179.48	12,870.0	-3,607.8	223.6	3,614.6	0.00	0.00	0.00
17,200.0	90.00	179.48	12,870.0	-3,707.8	224.5	3,714.5	0.00	0.00	0.00
17,300.0	90.00	179.48	12,870.0	-3,807.8	225.4	3,814.4	0.00	0.00	0.00
17,400.0	90.00	179.48	12,870.0	-3,907.8	226.3	3,914.3	0.00	0.00	0.00
17,500.0	90.00	179.48	12,870.0	-4,007.8	227.2	4,014.2	0.00	0.00	0.00
17,600.0	90.00	179.48	12,870.0	-4,107.8	228.1	4,114.1	0.00	0.00	0.00
17,694.2	90.00	179.48	12,870.0	-4,202.0	229.0	4,208.2	0.00	0.00	0.00

PBHL (Condor 32 State #711H)



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Condor 32 State
 Well: #711H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #711H
 TVD Reference: KB = 25 @ 3346.0usft
 MD Reference: KB = 25 @ 3346.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL (Condor 32 State - plan hits target center - Point	0.00	0.00	12,870.0	-4,202.0	229.0	393,992.00	802,010.00	32° 4' 49.326 N	103° 29' 30.121 W
FTP (Condor 32 State # - plan misses target center by 40.3usft at 12988.8usft MD (12832.9 TVD, 498.3 N, 185.4 E) - Point	0.00	0.00	12,870.0	514.0	186.0	398,708.00	801,967.00	32° 5' 35.995 N	103° 29' 30.193 W