



Lea County, NM (NAD 83 NME)

Condor 32 State Com #714H

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: #714H

KB = 25 @ 3365.0usft 3340.0
Northing 394082.00 Easting 801320.00 Latitude 32° 4' 50.270 N Longitude 103° 29' 38.132 W

SECTION DETAILS

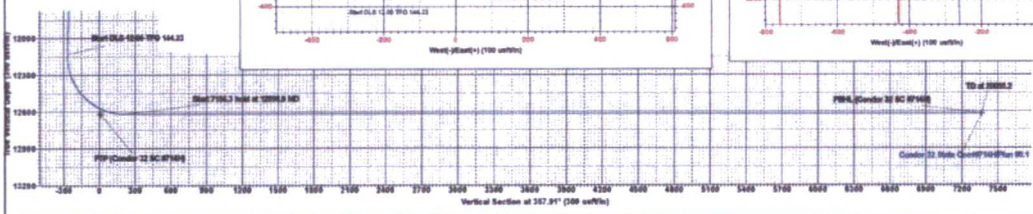
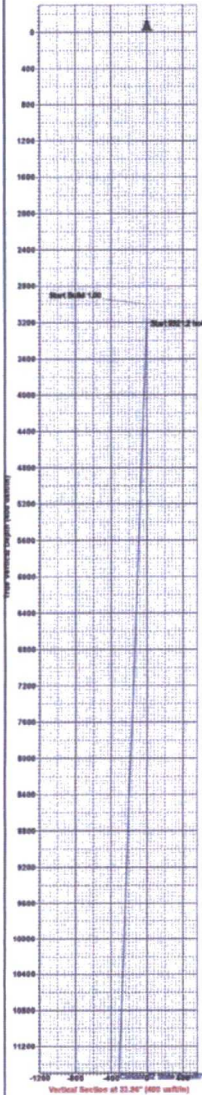
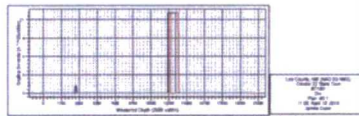
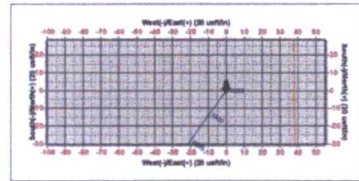
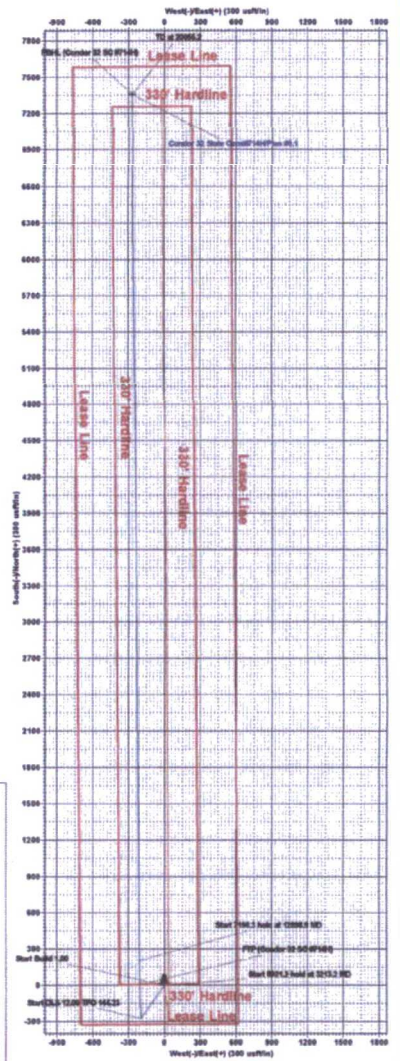
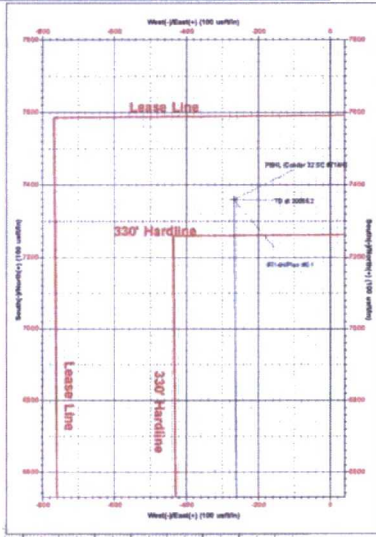
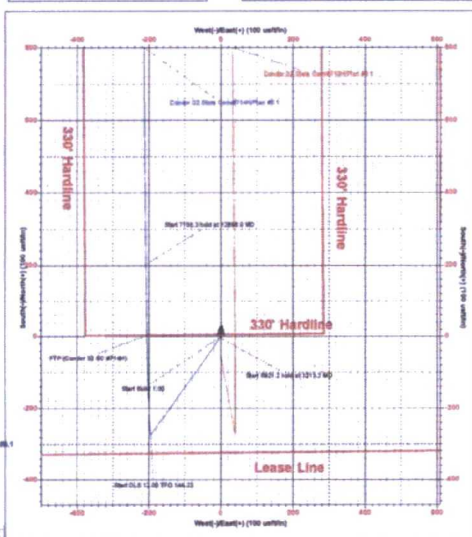
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V/Sect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3	3213.2	2.13	215.28	3213.2	-3.2	-2.3	1.00	215.28	-3.2	
4	12134.5	2.13	215.28	12128.2	-274.2	-194.0	0.00	0.00	-267.0	
5	12898.9	90.00	359.52	12620.0	202.9	-208.7	12.00	144.23	210.4	
6	20055.2	90.00	359.52	12620.0	7359.0	-268.0	0.00	0.00	7363.9	PBHL (Condor 32 SC #714H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
FTP (Condor 32 SC #714H)	12820.0	3.0	-208.0	394085.00	801114.00
PBHL (Condor 32 SC #714H)	12920.0	7359.0	-268.0	401441.00	801082.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Condor 32 State Com

#714H

OH

Plan: Plan #0.1

Standard Planning Report

10 April, 2018



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #714H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3365.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3365.0usft
Site:	Condor 32 State Com	North Reference:	Grid
Well:	#714H	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 Com				
Site Position:		Northing:	394,016.00 usft	Latitude:	32° 4' 49.616 N
From:	Map	Easting:	801,320.00 usft	Longitude:	103° 29' 38.138 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.45 °

Well	#714H					
Well Position	+N/-S	66.0 usft	Northing:	394,082.00 usft	Latitude:	32° 4' 50.270 N
	+E/-W	0.0 usft	Easting:	801,320.00 usft	Longitude:	103° 29' 38.132 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,340.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	3/7/2018	6.83	59.93	47,787.63352828

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	357.91

Plan Survey Tool Program	Date 4/10/2018			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	20,055.2 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	
3,213.2	2.13	215.28	3,213.2	-3.2	-2.3	1.00	1.00	0.00	215.28	
12,134.5	2.13	215.28	12,128.2	-274.2	-194.0	0.00	0.00	0.00	0.00	
12,898.9	90.00	359.52	12,620.0	202.9	-208.7	12.00	11.49	18.87	144.23	
20,055.2	90.00	359.52	12,620.0	7,359.0	-268.0	0.00	0.00	0.00	0.00	PBHL (Condor 32 SC)



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Condor 32 State Com
 Well: #714H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference:
 TVD Reference: KB = 25 @ 3365.0usft
 MD Reference: KB = 25 @ 3365.0usft
 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	1.00	215.28	3,100.0	-0.7	-0.5	-0.7	1.00	1.00	0.00
3,200.0	2.00	215.28	3,200.0	-2.8	-2.0	-2.8	1.00	1.00	0.00
3,213.2	2.13	215.28	3,213.2	-3.2	-2.3	-3.2	1.00	1.00	0.00
3,300.0	2.13	215.28	3,299.9	-5.9	-4.2	-5.7	0.00	0.00	0.00
3,400.0	2.13	215.28	3,399.8	-8.9	-6.3	-8.7	0.00	0.00	0.00
3,500.0	2.13	215.28	3,499.8	-11.9	-8.5	-11.6	0.00	0.00	0.00
3,600.0	2.13	215.28	3,599.7	-15.0	-10.6	-14.6	0.00	0.00	0.00
3,700.0	2.13	215.28	3,699.6	-18.0	-12.8	-17.5	0.00	0.00	0.00
3,800.0	2.13	215.28	3,799.5	-21.1	-14.9	-20.5	0.00	0.00	0.00
3,900.0	2.13	215.28	3,899.5	-24.1	-17.0	-23.5	0.00	0.00	0.00
4,000.0	2.13	215.28	3,999.4	-27.1	-19.2	-26.4	0.00	0.00	0.00
4,100.0	2.13	215.28	4,099.3	-30.2	-21.3	-29.4	0.00	0.00	0.00
4,200.0	2.13	215.28	4,199.3	-33.2	-23.5	-32.3	0.00	0.00	0.00
4,300.0	2.13	215.28	4,299.2	-36.2	-25.6	-35.3	0.00	0.00	0.00
4,400.0	2.13	215.28	4,399.1	-39.3	-27.8	-38.2	0.00	0.00	0.00
4,500.0	2.13	215.28	4,499.1	-42.3	-29.9	-41.2	0.00	0.00	0.00
4,600.0	2.13	215.28	4,599.0	-45.4	-32.1	-44.2	0.00	0.00	0.00
4,700.0	2.13	215.28	4,698.9	-48.4	-34.2	-47.1	0.00	0.00	0.00
4,800.0	2.13	215.28	4,798.9	-51.4	-36.4	-50.1	0.00	0.00	0.00
4,900.0	2.13	215.28	4,898.8	-54.5	-38.5	-53.0	0.00	0.00	0.00
5,000.0	2.13	215.28	4,998.7	-57.5	-40.7	-56.0	0.00	0.00	0.00
5,100.0	2.13	215.28	5,098.6	-60.5	-42.8	-58.9	0.00	0.00	0.00
5,200.0	2.13	215.28	5,198.6	-63.6	-45.0	-61.9	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 Corn
Well: #714H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #714H
TVD Reference: KB = 25 @ 3365.0usft
MD Reference: KB = 25 @ 3365.0usft
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	2.13	215.28	5,298.5	-66.6	-47.1	-64.9	0.00	0.00	0.00
5,400.0	2.13	215.28	5,398.4	-69.7	-49.3	-67.8	0.00	0.00	0.00
5,500.0	2.13	215.28	5,498.4	-72.7	-51.4	-70.8	0.00	0.00	0.00
5,600.0	2.13	215.28	5,598.3	-75.7	-53.6	-73.7	0.00	0.00	0.00
5,700.0	2.13	215.28	5,698.2	-78.8	-55.7	-76.7	0.00	0.00	0.00
5,800.0	2.13	215.28	5,798.2	-81.8	-57.9	-79.6	0.00	0.00	0.00
5,900.0	2.13	215.28	5,898.1	-84.8	-60.0	-82.6	0.00	0.00	0.00
6,000.0	2.13	215.28	5,998.0	-87.9	-62.2	-85.6	0.00	0.00	0.00
6,100.0	2.13	215.28	6,098.0	-90.9	-64.3	-88.5	0.00	0.00	0.00
6,200.0	2.13	215.28	6,197.9	-94.0	-66.5	-91.5	0.00	0.00	0.00
6,300.0	2.13	215.28	6,297.8	-97.0	-68.6	-94.4	0.00	0.00	0.00
6,400.0	2.13	215.28	6,397.7	-100.0	-70.8	-97.4	0.00	0.00	0.00
6,500.0	2.13	215.28	6,497.7	-103.1	-72.9	-100.3	0.00	0.00	0.00
6,600.0	2.13	215.28	6,597.6	-106.1	-75.1	-103.3	0.00	0.00	0.00
6,700.0	2.13	215.28	6,697.5	-109.1	-77.2	-106.3	0.00	0.00	0.00
6,800.0	2.13	215.28	6,797.5	-112.2	-79.4	-109.2	0.00	0.00	0.00
6,900.0	2.13	215.28	6,897.4	-115.2	-81.5	-112.2	0.00	0.00	0.00
7,000.0	2.13	215.28	6,997.3	-118.3	-83.7	-115.1	0.00	0.00	0.00
7,100.0	2.13	215.28	7,097.3	-121.3	-85.8	-118.1	0.00	0.00	0.00
7,200.0	2.13	215.28	7,197.2	-124.3	-88.0	-121.0	0.00	0.00	0.00
7,300.0	2.13	215.28	7,297.1	-127.4	-90.1	-124.0	0.00	0.00	0.00
7,400.0	2.13	215.28	7,397.1	-130.4	-92.3	-127.0	0.00	0.00	0.00
7,500.0	2.13	215.28	7,497.0	-133.4	-94.4	-129.9	0.00	0.00	0.00
7,600.0	2.13	215.28	7,596.9	-136.5	-96.6	-132.9	0.00	0.00	0.00
7,700.0	2.13	215.28	7,696.8	-139.5	-98.7	-135.8	0.00	0.00	0.00
7,800.0	2.13	215.28	7,796.8	-142.5	-100.9	-138.8	0.00	0.00	0.00
7,900.0	2.13	215.28	7,896.7	-145.6	-103.0	-141.7	0.00	0.00	0.00
8,000.0	2.13	215.28	7,996.6	-148.6	-105.2	-144.7	0.00	0.00	0.00
8,100.0	2.13	215.28	8,096.6	-151.7	-107.3	-147.7	0.00	0.00	0.00
8,200.0	2.13	215.28	8,196.5	-154.7	-109.5	-150.6	0.00	0.00	0.00
8,300.0	2.13	215.28	8,296.4	-157.7	-111.6	-153.6	0.00	0.00	0.00
8,400.0	2.13	215.28	8,396.4	-160.8	-113.8	-156.5	0.00	0.00	0.00
8,500.0	2.13	215.28	8,496.3	-163.8	-115.9	-159.5	0.00	0.00	0.00
8,600.0	2.13	215.28	8,596.2	-166.8	-118.0	-162.4	0.00	0.00	0.00
8,700.0	2.13	215.28	8,696.2	-169.9	-120.2	-165.4	0.00	0.00	0.00
8,800.0	2.13	215.28	8,796.1	-172.9	-122.3	-168.4	0.00	0.00	0.00
8,900.0	2.13	215.28	8,896.0	-176.0	-124.5	-171.3	0.00	0.00	0.00
9,000.0	2.13	215.28	8,995.9	-179.0	-126.6	-174.3	0.00	0.00	0.00
9,100.0	2.13	215.28	9,095.9	-182.0	-128.8	-177.2	0.00	0.00	0.00
9,200.0	2.13	215.28	9,195.8	-185.1	-130.9	-180.2	0.00	0.00	0.00
9,300.0	2.13	215.28	9,295.7	-188.1	-133.1	-183.1	0.00	0.00	0.00
9,400.0	2.13	215.28	9,395.7	-191.1	-135.2	-186.1	0.00	0.00	0.00
9,500.0	2.13	215.28	9,495.6	-194.2	-137.4	-189.1	0.00	0.00	0.00
9,600.0	2.13	215.28	9,595.5	-197.2	-139.5	-192.0	0.00	0.00	0.00
9,700.0	2.13	215.28	9,695.5	-200.3	-141.7	-195.0	0.00	0.00	0.00
9,800.0	2.13	215.28	9,795.4	-203.3	-143.8	-197.9	0.00	0.00	0.00
9,900.0	2.13	215.28	9,895.3	-206.3	-146.0	-200.9	0.00	0.00	0.00
10,000.0	2.13	215.28	9,995.3	-209.4	-148.1	-203.8	0.00	0.00	0.00
10,100.0	2.13	215.28	10,095.2	-212.4	-150.3	-206.8	0.00	0.00	0.00
10,200.0	2.13	215.28	10,195.1	-215.4	-152.4	-209.8	0.00	0.00	0.00
10,300.0	2.13	215.28	10,295.0	-218.5	-154.6	-212.7	0.00	0.00	0.00
10,400.0	2.13	215.28	10,395.0	-221.5	-156.7	-215.7	0.00	0.00	0.00
10,500.0	2.13	215.28	10,494.9	-224.6	-158.9	-218.6	0.00	0.00	0.00
10,600.0	2.13	215.28	10,594.8	-227.6	-161.0	-221.6	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 Com
Well: #714H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference: KB = 25 @ 3365.0usft
MD Reference: KB = 25 @ 3365.0usft
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	2.13	215.28	10,694.8	-230.6	-163.2	-224.5	0.00	0.00	0.00
10,800.0	2.13	215.28	10,794.7	-233.7	-165.3	-227.5	0.00	0.00	0.00
10,900.0	2.13	215.28	10,894.6	-236.7	-167.5	-230.5	0.00	0.00	0.00
11,000.0	2.13	215.28	10,994.6	-239.7	-169.6	-233.4	0.00	0.00	0.00
11,100.0	2.13	215.28	11,094.5	-242.8	-171.8	-236.4	0.00	0.00	0.00
11,200.0	2.13	215.28	11,194.4	-245.8	-173.9	-239.3	0.00	0.00	0.00
11,300.0	2.13	215.28	11,294.4	-248.9	-176.1	-242.3	0.00	0.00	0.00
11,400.0	2.13	215.28	11,394.3	-251.9	-178.2	-245.2	0.00	0.00	0.00
11,500.0	2.13	215.28	11,494.2	-254.9	-180.4	-248.2	0.00	0.00	0.00
11,600.0	2.13	215.28	11,594.1	-258.0	-182.5	-251.1	0.00	0.00	0.00
11,700.0	2.13	215.28	11,694.1	-261.0	-184.7	-254.1	0.00	0.00	0.00
11,800.0	2.13	215.28	11,794.0	-264.0	-186.8	-257.1	0.00	0.00	0.00
11,900.0	2.13	215.28	11,893.9	-267.1	-189.0	-260.0	0.00	0.00	0.00
12,000.0	2.13	215.28	11,993.9	-270.1	-191.1	-263.0	0.00	0.00	0.00
12,100.0	2.13	215.28	12,093.8	-273.1	-193.3	-265.9	0.00	0.00	0.00
12,134.5	2.13	215.28	12,128.2	-274.2	-194.0	-267.0	0.00	0.00	0.00
12,150.0	1.25	275.68	12,143.8	-274.4	-194.3	-267.2	12.00	-5.65	388.72
12,175.0	3.37	337.86	12,168.7	-273.7	-194.9	-266.4	12.00	8.48	248.72
12,200.0	6.26	348.08	12,193.7	-271.7	-195.4	-264.4	12.00	11.55	40.89
12,225.0	9.22	351.82	12,218.4	-268.4	-196.0	-261.1	12.00	11.84	14.95
12,250.0	12.20	353.75	12,243.0	-263.8	-196.6	-256.4	12.00	11.92	7.71
12,275.0	15.18	354.93	12,267.3	-257.9	-197.2	-250.5	12.00	11.95	4.71
12,300.0	18.18	355.73	12,291.2	-250.7	-197.7	-243.4	12.00	11.97	3.19
12,325.0	21.17	356.30	12,314.8	-242.3	-198.3	-235.0	12.00	11.97	2.32
12,350.0	24.16	356.75	12,337.8	-232.7	-198.9	-225.3	12.00	11.98	1.76
12,375.0	27.16	357.09	12,360.4	-221.9	-199.5	-214.5	12.00	11.98	1.40
12,400.0	30.16	357.38	12,382.3	-209.9	-200.1	-202.5	12.00	11.99	1.14
12,425.0	33.16	357.62	12,403.6	-196.8	-200.6	-189.4	12.00	11.99	0.95
12,450.0	36.15	357.82	12,424.1	-182.6	-201.2	-175.2	12.00	11.99	0.81
12,475.0	39.15	357.99	12,443.9	-167.4	-201.8	-159.9	12.00	11.99	0.70
12,500.0	42.15	358.15	12,462.9	-151.1	-202.3	-143.6	12.00	11.99	0.62
12,525.0	45.15	358.28	12,481.0	-133.8	-202.8	-126.4	12.00	11.99	0.55
12,550.0	48.15	358.41	12,498.1	-115.7	-203.4	-108.2	12.00	11.99	0.49
12,575.0	51.15	358.52	12,514.3	-96.6	-203.9	-89.1	12.00	12.00	0.45
12,600.0	54.14	358.62	12,529.5	-76.8	-204.4	-69.3	12.00	12.00	0.41
12,625.0	57.14	358.72	12,543.6	-56.1	-204.8	-48.6	12.00	12.00	0.38
12,650.0	60.14	358.81	12,556.6	-34.8	-205.3	-27.3	12.00	12.00	0.36
12,675.0	63.14	358.89	12,568.5	-12.8	-205.7	-5.3	12.00	12.00	0.34
12,700.0	66.14	358.97	12,579.2	9.8	-206.2	17.3	12.00	12.00	0.32
12,709.3	67.25	359.00	12,582.8	18.3	-206.3	25.8	12.00	12.00	0.31
FTP (Condor 32 SC #714H)									
12,725.0	69.14	359.05	12,588.7	32.9	-206.6	40.4	12.00	12.00	0.30
12,750.0	72.14	359.12	12,597.0	56.5	-206.9	64.0	12.00	12.00	0.29
12,775.0	75.14	359.19	12,604.0	80.5	-207.3	87.9	12.00	12.00	0.28
12,800.0	78.14	359.26	12,609.8	104.8	-207.6	112.3	12.00	12.00	0.28
12,825.0	81.14	359.33	12,614.3	129.4	-207.9	136.8	12.00	12.00	0.27
12,850.0	84.14	359.40	12,617.5	154.2	-208.2	161.6	12.00	12.00	0.27
12,875.0	87.14	359.46	12,619.4	179.1	-208.4	186.5	12.00	12.00	0.26
12,898.9	90.00	359.52	12,620.0	202.9	-208.7	210.4	12.00	12.00	0.26
12,900.0	90.00	359.52	12,620.0	204.1	-208.7	211.5	0.00	0.00	0.00
13,000.0	90.00	359.52	12,620.0	304.1	-209.5	311.5	0.00	0.00	0.00
13,100.0	90.00	359.52	12,620.0	404.1	-210.3	411.4	0.00	0.00	0.00
13,200.0	90.00	359.52	12,620.0	504.1	-211.2	511.4	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #714H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3365.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3365.0usft
Site:	Condor 32 State Com	North Reference:	Grid
Well:	#714H	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)
13,300.0	90.00	359.52	12,620.0	604.1	-212.0	611.4	0.00	0.00	0.00
13,400.0	90.00	359.52	12,620.0	704.0	-212.8	711.3	0.00	0.00	0.00
13,500.0	90.00	359.52	12,620.0	804.0	-213.6	811.3	0.00	0.00	0.00
13,600.0	90.00	359.52	12,620.0	904.0	-214.5	911.2	0.00	0.00	0.00
13,700.0	90.00	359.52	12,620.0	1,004.0	-215.3	1,011.2	0.00	0.00	0.00
13,800.0	90.00	359.52	12,620.0	1,104.0	-216.1	1,111.2	0.00	0.00	0.00
13,900.0	90.00	359.52	12,620.0	1,204.0	-217.0	1,211.1	0.00	0.00	0.00
14,000.0	90.00	359.52	12,620.0	1,304.0	-217.8	1,311.1	0.00	0.00	0.00
14,100.0	90.00	359.52	12,620.0	1,404.0	-218.6	1,411.1	0.00	0.00	0.00
14,200.0	90.00	359.52	12,620.0	1,504.0	-219.4	1,511.0	0.00	0.00	0.00
14,300.0	90.00	359.52	12,620.0	1,604.0	-220.3	1,611.0	0.00	0.00	0.00
14,400.0	90.00	359.52	12,620.0	1,704.0	-221.1	1,710.9	0.00	0.00	0.00
14,500.0	90.00	359.52	12,620.0	1,804.0	-221.9	1,810.9	0.00	0.00	0.00
14,600.0	90.00	359.52	12,620.0	1,904.0	-222.8	1,910.9	0.00	0.00	0.00
14,700.0	90.00	359.52	12,620.0	2,004.0	-223.6	2,010.8	0.00	0.00	0.00
14,800.0	90.00	359.52	12,620.0	2,104.0	-224.4	2,110.8	0.00	0.00	0.00
14,900.0	90.00	359.52	12,620.0	2,204.0	-225.3	2,210.7	0.00	0.00	0.00
15,000.0	90.00	359.52	12,620.0	2,304.0	-226.1	2,310.7	0.00	0.00	0.00
15,100.0	90.00	359.52	12,620.0	2,404.0	-226.9	2,410.7	0.00	0.00	0.00
15,200.0	90.00	359.52	12,620.0	2,504.0	-227.7	2,510.6	0.00	0.00	0.00
15,300.0	90.00	359.52	12,620.0	2,604.0	-228.6	2,610.6	0.00	0.00	0.00
15,400.0	90.00	359.52	12,620.0	2,704.0	-229.4	2,710.5	0.00	0.00	0.00
15,500.0	90.00	359.52	12,620.0	2,804.0	-230.2	2,810.5	0.00	0.00	0.00
15,600.0	90.00	359.52	12,620.0	2,904.0	-231.1	2,910.5	0.00	0.00	0.00
15,700.0	90.00	359.52	12,620.0	3,004.0	-231.9	3,010.4	0.00	0.00	0.00
15,800.0	90.00	359.52	12,620.0	3,104.0	-232.7	3,110.4	0.00	0.00	0.00
15,900.0	90.00	359.52	12,620.0	3,204.0	-233.5	3,210.3	0.00	0.00	0.00
16,000.0	90.00	359.52	12,620.0	3,304.0	-234.4	3,310.3	0.00	0.00	0.00
16,100.0	90.00	359.52	12,620.0	3,404.0	-235.2	3,410.3	0.00	0.00	0.00
16,200.0	90.00	359.52	12,620.0	3,504.0	-236.0	3,510.2	0.00	0.00	0.00
16,300.0	90.00	359.52	12,620.0	3,603.9	-236.9	3,610.2	0.00	0.00	0.00
16,400.0	90.00	359.52	12,620.0	3,703.9	-237.7	3,710.1	0.00	0.00	0.00
16,500.0	90.00	359.52	12,620.0	3,803.9	-238.5	3,810.1	0.00	0.00	0.00
16,600.0	90.00	359.52	12,620.0	3,903.9	-239.3	3,910.1	0.00	0.00	0.00
16,700.0	90.00	359.52	12,620.0	4,003.9	-240.2	4,010.0	0.00	0.00	0.00
16,800.0	90.00	359.52	12,620.0	4,103.9	-241.0	4,110.0	0.00	0.00	0.00
16,900.0	90.00	359.52	12,620.0	4,203.9	-241.8	4,209.9	0.00	0.00	0.00
17,000.0	90.00	359.52	12,620.0	4,303.9	-242.7	4,309.9	0.00	0.00	0.00
17,100.0	90.00	359.52	12,620.0	4,403.9	-243.5	4,409.9	0.00	0.00	0.00
17,200.0	90.00	359.52	12,620.0	4,503.9	-244.3	4,509.8	0.00	0.00	0.00
17,300.0	90.00	359.52	12,620.0	4,603.9	-245.2	4,609.8	0.00	0.00	0.00
17,400.0	90.00	359.52	12,620.0	4,703.9	-246.0	4,709.7	0.00	0.00	0.00
17,500.0	90.00	359.52	12,620.0	4,803.9	-246.8	4,809.7	0.00	0.00	0.00
17,600.0	90.00	359.52	12,620.0	4,903.9	-247.6	4,909.7	0.00	0.00	0.00
17,700.0	90.00	359.52	12,620.0	5,003.9	-248.5	5,009.6	0.00	0.00	0.00
17,800.0	90.00	359.52	12,620.0	5,103.9	-249.3	5,109.6	0.00	0.00	0.00
17,900.0	90.00	359.52	12,620.0	5,203.9	-250.1	5,209.5	0.00	0.00	0.00
18,000.0	90.00	359.52	12,620.0	5,303.9	-251.0	5,309.5	0.00	0.00	0.00
18,100.0	90.00	359.52	12,620.0	5,403.9	-251.8	5,409.5	0.00	0.00	0.00
18,200.0	90.00	359.52	12,620.0	5,503.9	-252.6	5,509.4	0.00	0.00	0.00
18,300.0	90.00	359.52	12,620.0	5,603.9	-253.4	5,609.4	0.00	0.00	0.00
18,400.0	90.00	359.52	12,620.0	5,703.9	-254.3	5,709.4	0.00	0.00	0.00
18,500.0	90.00	359.52	12,620.0	5,803.9	-255.1	5,809.3	0.00	0.00	0.00
18,600.0	90.00	359.52	12,620.0	5,903.9	-255.9	5,909.3	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #714H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3365.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3365.0usft
Site:	Condor 32 State Com	North Reference:	Grid
Well:	#714H	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)
18,700.0	90.00	359.52	12,620.0	6,003.9	-256.8	6,009.2	0.00	0.00	0.00
18,800.0	90.00	359.52	12,620.0	6,103.9	-257.6	6,109.2	0.00	0.00	0.00
18,900.0	90.00	359.52	12,620.0	6,203.9	-258.4	6,209.2	0.00	0.00	0.00
19,000.0	90.00	359.52	12,620.0	6,303.9	-259.3	6,309.1	0.00	0.00	0.00
19,100.0	90.00	359.52	12,620.0	6,403.9	-260.1	6,409.1	0.00	0.00	0.00
19,200.0	90.00	359.52	12,620.0	6,503.8	-260.9	6,509.0	0.00	0.00	0.00
19,300.0	90.00	359.52	12,620.0	6,603.8	-261.7	6,609.0	0.00	0.00	0.00
19,400.0	90.00	359.52	12,620.0	6,703.8	-262.6	6,709.0	0.00	0.00	0.00
19,500.0	90.00	359.52	12,620.0	6,803.8	-263.4	6,808.9	0.00	0.00	0.00
19,600.0	90.00	359.52	12,620.0	6,903.8	-264.2	6,908.9	0.00	0.00	0.00
19,700.0	90.00	359.52	12,620.0	7,003.8	-265.1	7,008.8	0.00	0.00	0.00
19,800.0	90.00	359.52	12,620.0	7,103.8	-265.9	7,108.8	0.00	0.00	0.00
19,900.0	90.00	359.52	12,620.0	7,203.8	-266.7	7,208.8	0.00	0.00	0.00
20,000.0	90.00	359.52	12,620.0	7,303.8	-267.5	7,308.7	0.00	0.00	0.00
20,055.2	90.00	359.52	12,620.0	7,359.0	-268.0	7,363.9	0.00	0.00	0.00
PBHL (Condor 32 SC #714H)									

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 (Condor 32 SC #7	0.00	0.00	12,620.0	7,359.0	-268.0	401,441.00	801,052.00	32° 6' 3.109 N	103° 29' 40.582 W
- plan hits target center									
- Point									
FTP (Condor 32 SC #71	0.00	0.00	12,620.0	3.0	-206.0	394,085.00	801,114.00	32° 4' 50.315 N	103° 29' 40.526 W
- plan misses target center by 40.2usft at 12709.3usft MD (12582.8 TVD, 18.3 N, -206.3 E)									
- Point									