



HOBBS OCD
APR 11 2018
RECEIVED

Lea County, NM (NAD 83 NME)

Condor 32 State Com #740H

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: #740H

KB = 25 @ 3366.9mft 3341.0
Northing 394021.00 Easting 801890.00 Latitude 32° 4' 49.622 N Longitude 103° 29' 31.513 W

SECTION DETAILS

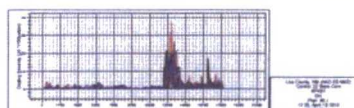
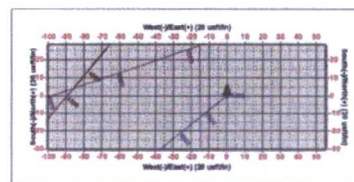
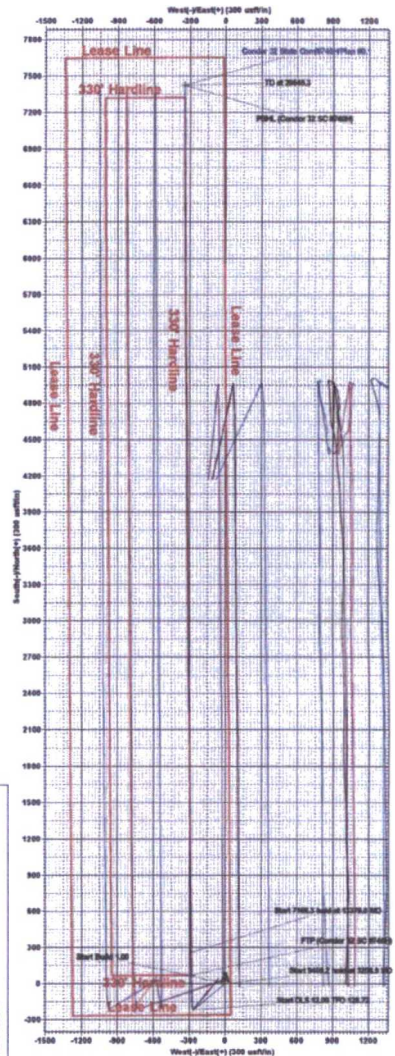
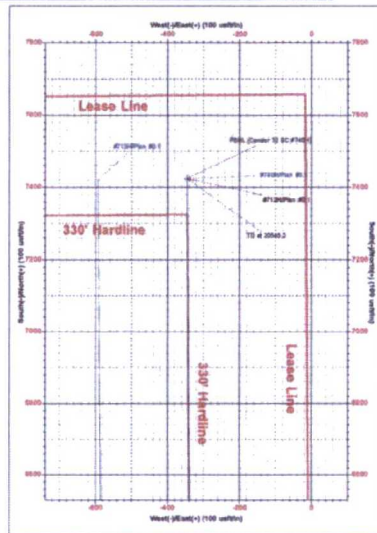
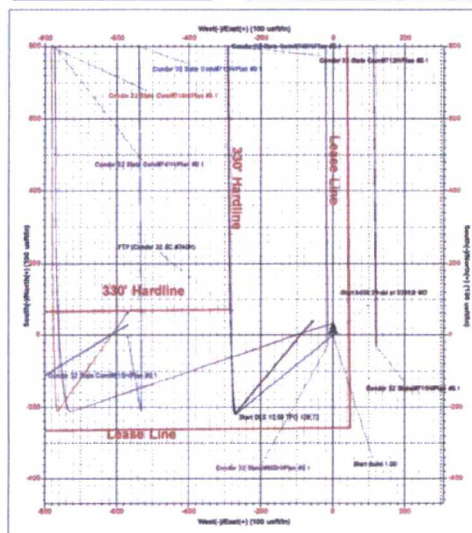
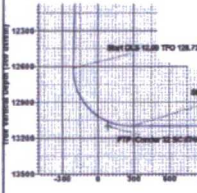
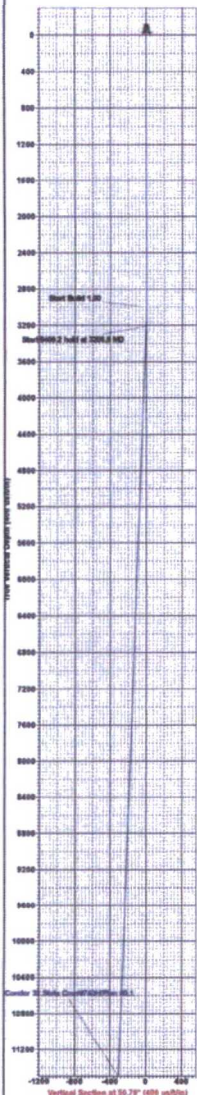
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dieg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3	3208.9	2.09	230.79	3208.9	-2.4	-3.0	1.00	230.79	-2.3	
4	12618.1	2.09	230.79	12611.8	-219.3	-268.7	0.00	0.00	-206.5	
5	13379.0	90.00	359.52	13100.0	257.9	-285.6	12.00	128.72	271.0	
6	20545.3	90.00	359.52	13100.0	7424.0	-346.0	0.00	0.00	7432.1	PBHL (Condor 32 SC #740H)

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 #740H)	13100.0	66.0	-295.0	394088.00	801895.00
PBHL (Condor 32 SC #740H)	13100.0	7424.0	-346.0	401466.00	801544.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Condor 32 State Com

#740H

OH

Plan: Plan #0.1

Standard Planning Report

10 April, 2018



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #740H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3366.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3366.0usft
Site:	Condor 32 State Com	North Reference:	Grid
Well:	#740H	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	#740H			
Well Position	+N/-S	5.0 usft	Northing:	394,021.00 usft
	+E/-W	570.0 usft	Easting:	801,890.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:		Ground Level: 3,341.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	4/10/2018	6.82	59.93	47,778.14534071

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	357.33

Plan Survey Tool Program		Date	4/10/2018		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	20,545.3	Plan #0.1 (OH)	MWD	
			OWSG MWD - Standard		

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	
3,208.9	2.09	230.79	3,208.9	-2.4	-3.0	1.00	1.00	0.00	230.79	
12,618.1	2.09	230.79	12,611.8	-219.3	-268.7	0.00	0.00	0.00	0.00	
13,379.0	90.00	359.52	13,100.0	257.9	-286.6	12.00	11.55	16.92	128.72	
20,545.3	90.00	359.52	13,100.0	7,424.0	-346.0	0.00	0.00	0.00	0.00	PBHL (Condor 32 SC



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #740H
Company:	EOG Resources - Midland	TYD Reference:	KB = 25 @ 3366.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3366.0usft
Site:	Condor 32 State Com	North Reference:	Grid
Well:	#740H	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	230.79	3,100.0	-0.6	-0.7	-0.5	1.00	1.00	0.00	
3,208.9	2.09	230.79	3,208.9	-2.4	-3.0	-2.3	1.00	1.00	0.00	
3,300.0	2.09	230.79	3,299.9	-4.5	-5.5	-4.2	0.00	0.00	0.00	
3,400.0	2.09	230.79	3,399.8	-6.8	-8.3	-6.4	0.00	0.00	0.00	
3,500.0	2.09	230.79	3,499.8	-9.1	-11.2	-8.6	0.00	0.00	0.00	
3,600.0	2.09	230.79	3,599.7	-11.4	-14.0	-10.8	0.00	0.00	0.00	
3,700.0	2.09	230.79	3,699.6	-13.7	-16.8	-12.9	0.00	0.00	0.00	
3,800.0	2.09	230.79	3,799.6	-16.0	-19.6	-15.1	0.00	0.00	0.00	
3,900.0	2.09	230.79	3,899.5	-18.3	-22.5	-17.3	0.00	0.00	0.00	
4,000.0	2.09	230.79	3,999.4	-20.6	-25.3	-19.4	0.00	0.00	0.00	
4,100.0	2.09	230.79	4,099.4	-22.9	-28.1	-21.6	0.00	0.00	0.00	
4,200.0	2.09	230.79	4,199.3	-25.2	-30.9	-23.8	0.00	0.00	0.00	
4,300.0	2.09	230.79	4,299.2	-27.6	-33.8	-26.0	0.00	0.00	0.00	
4,400.0	2.09	230.79	4,399.2	-29.9	-36.6	-28.1	0.00	0.00	0.00	
4,500.0	2.09	230.79	4,499.1	-32.2	-39.4	-30.3	0.00	0.00	0.00	
4,600.0	2.09	230.79	4,599.0	-34.5	-42.2	-32.5	0.00	0.00	0.00	
4,700.0	2.09	230.79	4,699.0	-36.8	-45.1	-34.6	0.00	0.00	0.00	
4,800.0	2.09	230.79	4,798.9	-39.1	-47.9	-36.8	0.00	0.00	0.00	
4,900.0	2.09	230.79	4,898.8	-41.4	-50.7	-39.0	0.00	0.00	0.00	
5,000.0	2.09	230.79	4,998.8	-43.7	-53.5	-41.1	0.00	0.00	0.00	
5,100.0	2.09	230.79	5,098.7	-46.0	-56.4	-43.3	0.00	0.00	0.00	
5,200.0	2.09	230.79	5,198.6	-48.3	-59.2	-45.5	0.00	0.00	0.00	
5,300.0	2.09	230.79	5,298.6	-50.6	-62.0	-47.7	0.00	0.00	0.00	



Planning Report

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Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3366.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3366.0usft
Site:	Condor 32 State Corn	North Reference:	Grid
Well:	#740H	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)
5,400.0	2.09	230.79	5,398.5	-52.9	-64.8	-49.8	0.00	0.00	0.00
5,500.0	2.09	230.79	5,498.4	-55.2	-67.7	-52.0	0.00	0.00	0.00
5,600.0	2.09	230.79	5,598.4	-57.5	-70.5	-54.2	0.00	0.00	0.00
5,700.0	2.09	230.79	5,698.3	-59.8	-73.3	-56.3	0.00	0.00	0.00
5,800.0	2.09	230.79	5,798.2	-62.1	-76.1	-58.5	0.00	0.00	0.00
5,900.0	2.09	230.79	5,898.2	-64.4	-79.0	-60.7	0.00	0.00	0.00
6,000.0	2.09	230.79	5,998.1	-66.7	-81.8	-62.9	0.00	0.00	0.00
6,100.0	2.09	230.79	6,098.0	-69.0	-84.6	-65.0	0.00	0.00	0.00
6,200.0	2.09	230.79	6,198.0	-71.3	-87.4	-67.2	0.00	0.00	0.00
6,300.0	2.09	230.79	6,297.9	-73.6	-90.3	-69.4	0.00	0.00	0.00
6,400.0	2.09	230.79	6,397.8	-76.0	-93.1	-71.5	0.00	0.00	0.00
6,500.0	2.09	230.79	6,497.8	-78.3	-95.9	-73.7	0.00	0.00	0.00
6,600.0	2.09	230.79	6,597.7	-80.6	-98.7	-75.9	0.00	0.00	0.00
6,700.0	2.09	230.79	6,697.6	-82.9	-101.6	-78.0	0.00	0.00	0.00
6,800.0	2.09	230.79	6,797.6	-85.2	-104.4	-80.2	0.00	0.00	0.00
6,900.0	2.09	230.79	6,897.5	-87.5	-107.2	-82.4	0.00	0.00	0.00
7,000.0	2.09	230.79	6,997.4	-89.8	-110.0	-84.6	0.00	0.00	0.00
7,100.0	2.09	230.79	7,097.4	-92.1	-112.9	-86.7	0.00	0.00	0.00
7,200.0	2.09	230.79	7,197.3	-94.4	-115.7	-88.9	0.00	0.00	0.00
7,300.0	2.09	230.79	7,297.2	-96.7	-118.5	-91.1	0.00	0.00	0.00
7,400.0	2.09	230.79	7,397.2	-99.0	-121.3	-93.2	0.00	0.00	0.00
7,500.0	2.09	230.79	7,497.1	-101.3	-124.2	-95.4	0.00	0.00	0.00
7,600.0	2.09	230.79	7,597.0	-103.6	-127.0	-97.6	0.00	0.00	0.00
7,700.0	2.09	230.79	7,697.0	-105.9	-129.8	-99.8	0.00	0.00	0.00
7,800.0	2.09	230.79	7,796.9	-108.2	-132.6	-101.9	0.00	0.00	0.00
7,900.0	2.09	230.79	7,896.8	-110.5	-135.5	-104.1	0.00	0.00	0.00
8,000.0	2.09	230.79	7,996.8	-112.8	-138.3	-106.3	0.00	0.00	0.00
8,100.0	2.09	230.79	8,096.7	-115.1	-141.1	-108.4	0.00	0.00	0.00
8,200.0	2.09	230.79	8,196.6	-117.4	-143.9	-110.6	0.00	0.00	0.00
8,300.0	2.09	230.79	8,296.6	-119.7	-146.8	-112.8	0.00	0.00	0.00
8,400.0	2.09	230.79	8,396.5	-122.0	-149.6	-115.0	0.00	0.00	0.00
8,500.0	2.09	230.79	8,496.4	-124.4	-152.4	-117.1	0.00	0.00	0.00
8,600.0	2.09	230.79	8,596.4	-126.7	-155.2	-119.3	0.00	0.00	0.00
8,700.0	2.09	230.79	8,696.3	-129.0	-158.1	-121.5	0.00	0.00	0.00
8,800.0	2.09	230.79	8,796.2	-131.3	-160.9	-123.6	0.00	0.00	0.00
8,900.0	2.09	230.79	8,896.2	-133.6	-163.7	-125.8	0.00	0.00	0.00
9,000.0	2.09	230.79	8,996.1	-135.9	-166.5	-128.0	0.00	0.00	0.00
9,100.0	2.09	230.79	9,096.0	-138.2	-169.4	-130.1	0.00	0.00	0.00
9,200.0	2.09	230.79	9,196.0	-140.5	-172.2	-132.3	0.00	0.00	0.00
9,300.0	2.09	230.79	9,295.9	-142.8	-175.0	-134.5	0.00	0.00	0.00
9,400.0	2.09	230.79	9,395.8	-145.1	-177.8	-136.7	0.00	0.00	0.00
9,500.0	2.09	230.79	9,495.8	-147.4	-180.7	-138.8	0.00	0.00	0.00
9,600.0	2.09	230.79	9,595.7	-149.7	-183.5	-141.0	0.00	0.00	0.00
9,700.0	2.09	230.79	9,695.6	-152.0	-186.3	-143.2	0.00	0.00	0.00
9,800.0	2.09	230.79	9,795.6	-154.3	-189.1	-145.3	0.00	0.00	0.00
9,900.0	2.09	230.79	9,895.5	-156.6	-191.9	-147.5	0.00	0.00	0.00
10,000.0	2.09	230.79	9,995.4	-158.9	-194.8	-149.7	0.00	0.00	0.00
10,100.0	2.09	230.79	10,095.4	-161.2	-197.6	-151.9	0.00	0.00	0.00
10,200.0	2.09	230.79	10,195.3	-163.5	-200.4	-154.0	0.00	0.00	0.00
10,300.0	2.09	230.79	10,295.2	-165.8	-203.2	-156.2	0.00	0.00	0.00
10,400.0	2.09	230.79	10,395.2	-168.1	-206.1	-158.4	0.00	0.00	0.00
10,500.0	2.09	230.79	10,495.1	-170.4	-208.9	-160.5	0.00	0.00	0.00
10,600.0	2.09	230.79	10,595.0	-172.8	-211.7	-162.7	0.00	0.00	0.00
10,700.0	2.09	230.79	10,695.0	-175.1	-214.5	-164.9	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: #740H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #740H
TVD Reference: KB = 25 @ 3366.0usft
MD Reference: KB = 25 @ 3366.0usft
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)
10,800.0	2.09	230.79	10,794.9	-177.4	-217.4	-167.0	0.00	0.00	0.00
10,900.0	2.09	230.79	10,894.8	-179.7	-220.2	-169.2	0.00	0.00	0.00
11,000.0	2.09	230.79	10,994.8	-182.0	-223.0	-171.4	0.00	0.00	0.00
11,100.0	2.09	230.79	11,094.7	-184.3	-225.8	-173.6	0.00	0.00	0.00
11,200.0	2.09	230.79	11,194.6	-186.6	-228.7	-175.7	0.00	0.00	0.00
11,300.0	2.09	230.79	11,294.6	-188.9	-231.5	-177.9	0.00	0.00	0.00
11,400.0	2.09	230.79	11,394.5	-191.2	-234.3	-180.1	0.00	0.00	0.00
11,500.0	2.09	230.79	11,494.4	-193.5	-237.1	-182.2	0.00	0.00	0.00
11,600.0	2.09	230.79	11,594.4	-195.8	-240.0	-184.4	0.00	0.00	0.00
11,700.0	2.09	230.79	11,694.3	-198.1	-242.8	-186.6	0.00	0.00	0.00
11,800.0	2.09	230.79	11,794.2	-200.4	-245.6	-188.8	0.00	0.00	0.00
11,900.0	2.09	230.79	11,894.2	-202.7	-248.4	-190.9	0.00	0.00	0.00
12,000.0	2.09	230.79	11,994.1	-205.0	-251.3	-193.1	0.00	0.00	0.00
12,100.0	2.09	230.79	12,094.0	-207.3	-254.1	-195.3	0.00	0.00	0.00
12,200.0	2.09	230.79	12,194.0	-209.6	-256.9	-197.4	0.00	0.00	0.00
12,300.0	2.09	230.79	12,293.9	-211.9	-259.7	-199.6	0.00	0.00	0.00
12,400.0	2.09	230.79	12,393.8	-214.2	-262.6	-201.8	0.00	0.00	0.00
12,500.0	2.09	230.79	12,493.8	-216.5	-265.4	-203.9	0.00	0.00	0.00
12,600.0	2.09	230.79	12,593.7	-218.8	-268.2	-206.1	0.00	0.00	0.00
12,618.1	2.09	230.79	12,611.8	-219.3	-268.7	-206.5	0.00	0.00	0.00
12,625.0	1.70	252.98	12,618.7	-219.4	-268.9	-206.6	12.00	-5.67	323.57
12,650.0	3.00	326.61	12,643.7	-218.9	-269.6	-206.1	12.00	5.19	294.51
12,675.0	5.75	343.11	12,668.6	-217.2	-270.4	-204.4	12.00	11.01	66.02
12,700.0	8.67	348.77	12,693.4	-214.1	-271.1	-201.3	12.00	11.67	22.63
12,725.0	11.63	351.58	12,718.0	-209.8	-271.8	-196.9	12.00	11.84	11.23
12,750.0	14.61	353.26	12,742.4	-204.2	-272.6	-191.3	12.00	11.90	6.71
12,775.0	17.59	354.37	12,766.4	-197.3	-273.3	-184.3	12.00	11.94	4.48
12,800.0	20.58	355.18	12,790.0	-189.1	-274.0	-176.2	12.00	11.95	3.21
12,825.0	23.57	355.78	12,813.2	-179.8	-274.8	-166.8	12.00	11.97	2.43
12,850.0	26.56	356.26	12,835.8	-169.2	-275.5	-156.2	12.00	11.97	1.91
12,875.0	29.56	356.65	12,857.9	-157.5	-276.2	-144.5	12.00	11.98	1.55
12,900.0	32.55	356.97	12,879.3	-144.6	-277.0	-131.6	12.00	11.98	1.29
12,925.0	35.55	357.24	12,900.0	-130.6	-277.7	-117.6	12.00	11.98	1.09
12,950.0	38.54	357.48	12,919.9	-115.6	-278.4	-102.5	12.00	11.99	0.94
12,975.0	41.54	357.68	12,939.1	-99.5	-279.0	-86.4	12.00	11.99	0.83
13,000.0	44.54	357.87	12,957.3	-82.5	-279.7	-69.4	12.00	11.99	0.73
13,025.0	47.54	358.03	12,974.7	-64.5	-280.3	-51.4	12.00	11.99	0.66
13,050.0	50.53	358.18	12,991.1	-45.6	-281.0	-32.5	12.00	11.99	0.60
13,075.0	53.53	358.32	13,006.5	-25.9	-281.6	-12.8	12.00	11.99	0.55
13,100.0	56.53	358.45	13,020.8	-5.4	-282.1	7.7	12.00	11.99	0.51
13,125.0	59.53	358.57	13,034.0	15.8	-282.7	28.9	12.00	11.99	0.47
13,150.0	62.53	358.68	13,046.1	37.6	-283.2	50.8	12.00	11.99	0.45
13,175.0	65.53	358.78	13,057.1	60.1	-283.7	73.2	12.00	11.99	0.42
13,199.1	68.41	358.88	13,066.5	82.2	-284.2	95.4	12.00	11.99	0.40
FTP (Condor 32 SC #740H)									
13,200.0	68.52	358.88	13,066.8	83.1	-284.2	96.2	12.00	11.99	0.39
13,225.0	71.52	358.98	13,075.4	106.6	-284.6	119.7	12.00	11.99	0.39
13,250.0	74.52	359.07	13,082.7	130.5	-285.0	143.6	12.00	11.99	0.37
13,275.0	77.52	359.16	13,088.7	154.7	-285.4	167.9	12.00	11.99	0.36
13,300.0	80.52	359.25	13,093.5	179.3	-285.7	192.4	12.00	11.99	0.35
13,325.0	83.52	359.34	13,096.9	204.0	-286.0	217.1	12.00	12.00	0.35
13,350.0	86.52	359.43	13,099.1	228.9	-286.3	242.0	12.00	12.00	0.34
13,375.0	89.52	359.51	13,100.0	253.9	-286.5	267.0	12.00	12.00	0.34



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #740H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3366.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3366.0usft
Site:	Condor 32 State Corn	North Reference:	Grid
Well:	#740H	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)
13,379.0	90.00	359.52	13,100.0	257.9	-286.6	271.0	12.00	12.00	0.34
13,400.0	90.00	359.52	13,100.0	278.9	-286.7	292.0	0.00	0.00	0.00
13,500.0	90.00	359.52	13,100.0	378.9	-287.6	391.9	0.00	0.00	0.00
13,600.0	90.00	359.52	13,100.0	478.9	-288.4	491.8	0.00	0.00	0.00
13,700.0	90.00	359.52	13,100.0	578.9	-289.2	591.7	0.00	0.00	0.00
13,800.0	90.00	359.52	13,100.0	678.9	-290.1	691.7	0.00	0.00	0.00
13,900.0	90.00	359.52	13,100.0	778.9	-290.9	791.6	0.00	0.00	0.00
14,000.0	90.00	359.52	13,100.0	878.9	-291.7	891.5	0.00	0.00	0.00
14,100.0	90.00	359.52	13,100.0	978.9	-292.6	991.4	0.00	0.00	0.00
14,200.0	90.00	359.52	13,100.0	1,078.9	-293.4	1,091.4	0.00	0.00	0.00
14,300.0	90.00	359.52	13,100.0	1,178.9	-294.2	1,191.3	0.00	0.00	0.00
14,400.0	90.00	359.52	13,100.0	1,278.9	-295.0	1,291.2	0.00	0.00	0.00
14,500.0	90.00	359.52	13,100.0	1,378.9	-295.9	1,391.2	0.00	0.00	0.00
14,600.0	90.00	359.52	13,100.0	1,478.9	-296.7	1,491.1	0.00	0.00	0.00
14,700.0	90.00	359.52	13,100.0	1,578.9	-297.5	1,591.0	0.00	0.00	0.00
14,800.0	90.00	359.52	13,100.0	1,678.9	-298.4	1,690.9	0.00	0.00	0.00
14,900.0	90.00	359.52	13,100.0	1,778.9	-299.2	1,790.9	0.00	0.00	0.00
15,000.0	90.00	359.52	13,100.0	1,878.9	-300.0	1,890.8	0.00	0.00	0.00
15,100.0	90.00	359.52	13,100.0	1,978.9	-300.8	1,990.7	0.00	0.00	0.00
15,200.0	90.00	359.52	13,100.0	2,078.8	-301.7	2,090.6	0.00	0.00	0.00
15,300.0	90.00	359.52	13,100.0	2,178.8	-302.5	2,190.6	0.00	0.00	0.00
15,400.0	90.00	359.52	13,100.0	2,278.8	-303.3	2,290.5	0.00	0.00	0.00
15,500.0	90.00	359.52	13,100.0	2,378.8	-304.2	2,390.4	0.00	0.00	0.00
15,600.0	90.00	359.52	13,100.0	2,478.8	-305.0	2,490.3	0.00	0.00	0.00
15,700.0	90.00	359.52	13,100.0	2,578.8	-305.8	2,590.3	0.00	0.00	0.00
15,800.0	90.00	359.52	13,100.0	2,678.8	-306.7	2,690.2	0.00	0.00	0.00
15,900.0	90.00	359.52	13,100.0	2,778.8	-307.5	2,790.1	0.00	0.00	0.00
16,000.0	90.00	359.52	13,100.0	2,878.8	-308.3	2,890.1	0.00	0.00	0.00
16,100.0	90.00	359.52	13,100.0	2,978.8	-309.1	2,990.0	0.00	0.00	0.00
16,200.0	90.00	359.52	13,100.0	3,078.8	-310.0	3,089.9	0.00	0.00	0.00
16,300.0	90.00	359.52	13,100.0	3,178.8	-310.8	3,189.8	0.00	0.00	0.00
16,400.0	90.00	359.52	13,100.0	3,278.8	-311.6	3,289.8	0.00	0.00	0.00
16,500.0	90.00	359.52	13,100.0	3,378.8	-312.5	3,389.7	0.00	0.00	0.00
16,600.0	90.00	359.52	13,100.0	3,478.8	-313.3	3,489.6	0.00	0.00	0.00
16,700.0	90.00	359.52	13,100.0	3,578.8	-314.1	3,589.5	0.00	0.00	0.00
16,800.0	90.00	359.52	13,100.0	3,678.8	-314.9	3,689.5	0.00	0.00	0.00
16,900.0	90.00	359.52	13,100.0	3,778.8	-315.8	3,789.4	0.00	0.00	0.00
17,000.0	90.00	359.52	13,100.0	3,878.8	-316.6	3,889.3	0.00	0.00	0.00
17,100.0	90.00	359.52	13,100.0	3,978.8	-317.4	3,989.2	0.00	0.00	0.00
17,200.0	90.00	359.52	13,100.0	4,078.8	-318.3	4,089.2	0.00	0.00	0.00
17,300.0	90.00	359.52	13,100.0	4,178.8	-319.1	4,189.1	0.00	0.00	0.00
17,400.0	90.00	359.52	13,100.0	4,278.8	-319.9	4,289.0	0.00	0.00	0.00
17,500.0	90.00	359.52	13,100.0	4,378.8	-320.7	4,389.0	0.00	0.00	0.00
17,600.0	90.00	359.52	13,100.0	4,478.8	-321.6	4,488.9	0.00	0.00	0.00
17,700.0	90.00	359.52	13,100.0	4,578.8	-322.4	4,588.8	0.00	0.00	0.00
17,800.0	90.00	359.52	13,100.0	4,678.8	-323.2	4,688.7	0.00	0.00	0.00
17,900.0	90.00	359.52	13,100.0	4,778.8	-324.1	4,788.7	0.00	0.00	0.00
18,000.0	90.00	359.52	13,100.0	4,878.8	-324.9	4,888.6	0.00	0.00	0.00
18,100.0	90.00	359.52	13,100.0	4,978.7	-325.7	4,988.5	0.00	0.00	0.00
18,200.0	90.00	359.52	13,100.0	5,078.7	-326.6	5,088.4	0.00	0.00	0.00
18,300.0	90.00	359.52	13,100.0	5,178.7	-327.4	5,188.4	0.00	0.00	0.00
18,400.0	90.00	359.52	13,100.0	5,278.7	-328.2	5,288.3	0.00	0.00	0.00
18,500.0	90.00	359.52	13,100.0	5,378.7	-329.0	5,388.2	0.00	0.00	0.00
18,600.0	90.00	359.52	13,100.0	5,478.7	-329.9	5,488.1	0.00	0.00	0.00

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Condor 32 State Com
Well: #740H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Well #740H
KB = 25 @ 3366.0usft
KB = 25 @ 3366.0usft
Grid
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	359.52	13,100.0	5,578.7	-330.7	5,588.1	0.00	0.00	0.00
18,800.0	90.00	359.52	13,100.0	5,678.7	-331.5	5,688.0	0.00	0.00	0.00
18,900.0	90.00	359.52	13,100.0	5,778.7	-332.4	5,787.9	0.00	0.00	0.00
19,000.0	90.00	359.52	13,100.0	5,878.7	-333.2	5,887.9	0.00	0.00	0.00
19,100.0	90.00	359.52	13,100.0	5,978.7	-334.0	5,987.8	0.00	0.00	0.00
19,200.0	90.00	359.52	13,100.0	6,078.7	-334.8	6,087.7	0.00	0.00	0.00
19,300.0	90.00	359.52	13,100.0	6,178.7	-335.7	6,187.6	0.00	0.00	0.00
19,400.0	90.00	359.52	13,100.0	6,278.7	-336.5	6,287.6	0.00	0.00	0.00
19,500.0	90.00	359.52	13,100.0	6,378.7	-337.3	6,387.5	0.00	0.00	0.00
19,600.0	90.00	359.52	13,100.0	6,478.7	-338.2	6,487.4	0.00	0.00	0.00
19,700.0	90.00	359.52	13,100.0	6,578.7	-339.0	6,587.3	0.00	0.00	0.00
19,800.0	90.00	359.52	13,100.0	6,678.7	-339.8	6,687.3	0.00	0.00	0.00
19,900.0	90.00	359.52	13,100.0	6,778.7	-340.6	6,787.2	0.00	0.00	0.00
20,000.0	90.00	359.52	13,100.0	6,878.7	-341.5	6,887.1	0.00	0.00	0.00
20,100.0	90.00	359.52	13,100.0	6,978.7	-342.3	6,987.0	0.00	0.00	0.00
20,200.0	90.00	359.52	13,100.0	7,078.7	-343.1	7,087.0	0.00	0.00	0.00
20,300.0	90.00	359.52	13,100.0	7,178.7	-344.0	7,186.9	0.00	0.00	0.00
20,400.0	90.00	359.52	13,100.0	7,278.7	-344.8	7,286.8	0.00	0.00	0.00
20,500.0	90.00	359.52	13,100.0	7,378.7	-345.6	7,386.8	0.00	0.00	0.00
20,545.3	90.00	359.52	13,100.0	7,424.0	-346.0	7,432.1	0.00	0.00	0.00
PBHL (Condor 32 SC #740H)									

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 SC #7 - plan hits target center - Point	0.00	0.00	13,100.0	7,424.0	-346.0	401,445.00	801,544.00	32° 6' 3.111 N	103° 29' 34.862 W
FTP (Condor 32 SC #74 - plan misses target center by 36.4usft at 13199.1usft MD (13066.5 TVD, 82.2 N, -284.2 E) - Point	0.00	0.00	13,100.0	68.0	-285.0	394,089.00	801,605.00	32° 4' 50.317 N	103° 29' 34.819 W