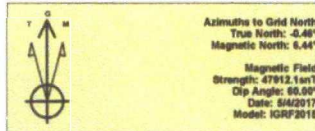




Lea County, NM (NAD 83 NME)

Osprey 10 #703H

Plan #0.1



To convert a Magnetic Direction to a Grid Direction, Add 6.48°
To convert a Magnetic Direction to a True Direction, Add 6.81° East
To convert a True Direction to a Grid Direction, Subtract 0.48°

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: #703H

Ground Level: 3334.0
KB = 25' @ 3389.0usft
Northing: 416296.00
Easting: 811284.00
Latitude: 32° 0' 19.402 N
Longitude: 103° 27' 40.333 W

SECTION DETAILS

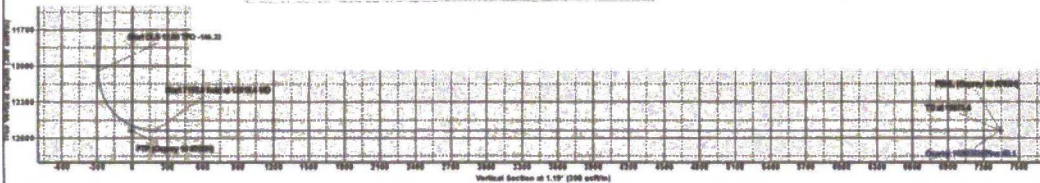
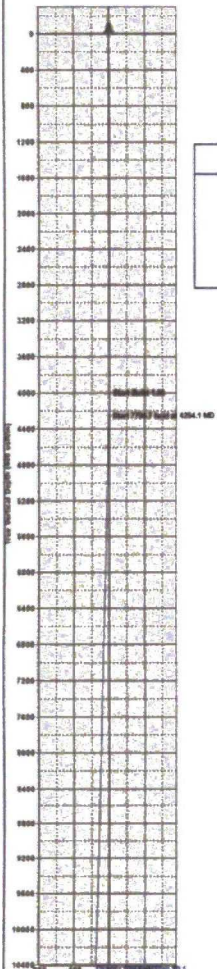
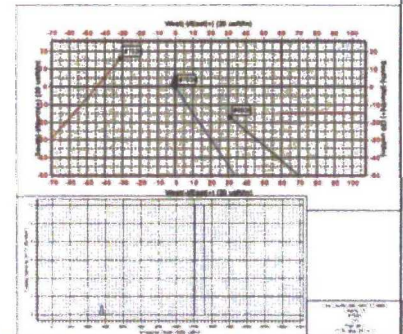
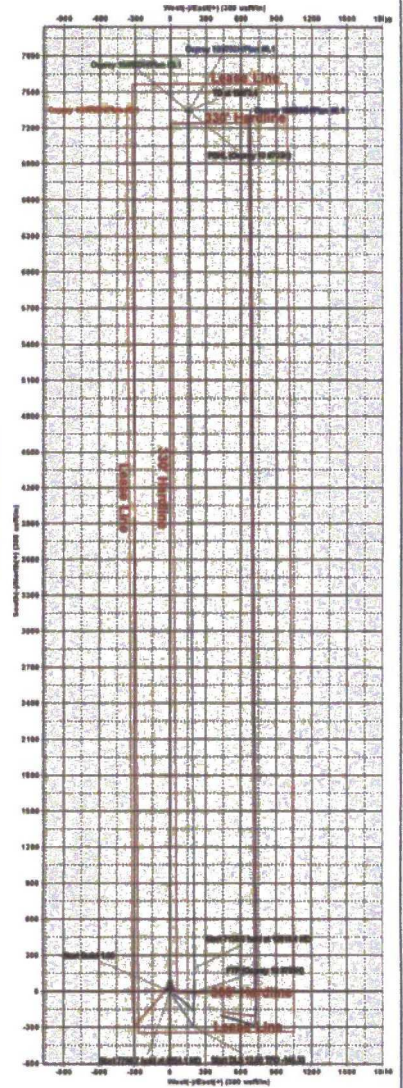
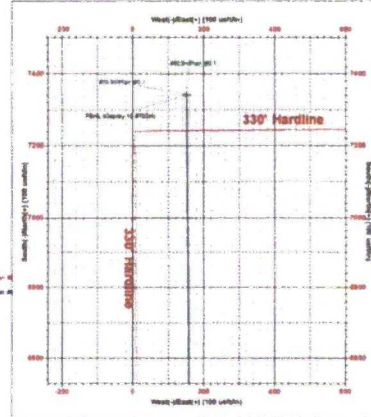
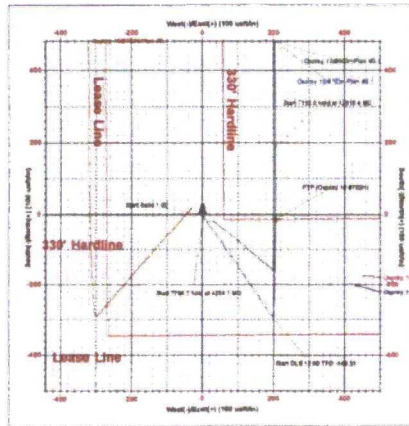
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0	
3	4254.1	2.54	145.94	4254.0	-4.7	3.2	1.00	145.94	-4.6	
4	12050.8	2.54	145.94	12043.1	-291.0	196.8	0.00	0.00	-286.9	
5	12818.4	90.00	359.58	12538.0	186.2	205.4	12.00	-146.33	190.4	
6	19973.4	90.00	359.58	12538.0	7341.0	153.0	0.00	0.00	7342.6	PBHL (Osprey 10 #703H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
FTW (Osprey 10 #703H)	12538.0	-15.0	207.0	416296.00	811489.00
PBHL (Osprey 10 #703H)	12538.0	7341.0	153.0	422837.00	811437.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Osprey 10

#703H

OH

Plan: Plan #0.1

Standard Planning Report

08 May, 2017



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #703H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3359.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3359.0usft
Site:	Osprey 10	North Reference:	Grid
Well:	#703H	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	Osprey 10		
Site Position:		Northing:	415,279.00 usft
From:	Map	Easting:	811,315.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 8' 19.231 N
		Longitude:	103° 27' 39.974 W
		Grid Convergence:	0.46 °

Well	#703H		
Well Position	+N/-S	17.0 usft	Northing: 415,296.00 usft
	+E/-W	-31.0 usft	Easting: 811,284.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 8' 19.402 N
		Longitude:	103° 27' 40.333 W
		Ground Level:	3,334.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	5/4/2017	(°)
			6.91
			Dip Angle
			(°)
			60.00
			Field Strength
			(nT)
			47,912

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			1.19

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	
4,254.1	2.54	145.94	4,254.0	-4.7	3.2	1.00	1.00	0.00	145.94	
12,050.8	2.54	145.94	12,043.1	-291.0	196.8	0.00	0.00	0.00	0.00	
12,818.4	90.00	359.58	12,538.0	186.2	205.4	12.00	11.39	-19.07	-146.33	
19,973.4	90.00	359.58	12,538.0	7,341.0	153.0	0.00	0.00	0.00	0.00	PBHL (Osprey 10 #7C



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Osprey 10
 Well: #703H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
 TVD Reference: KB = 25' @ 3359.0usft
 MD Reference: KB = 25' @ 3359.0usft
 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	145.94	4,100.0	-0.7	0.5	-0.7	1.00	1.00	0.00
4,200.0	2.00	145.94	4,200.0	-2.9	2.0	-2.9	1.00	1.00	0.00
4,254.1	2.54	145.94	4,254.0	-4.7	3.2	-4.6	1.00	1.00	0.00
4,300.0	2.54	145.94	4,299.9	-6.4	4.3	-6.3	0.00	0.00	0.00
4,400.0	2.54	145.94	4,399.8	-10.0	6.8	-9.9	0.00	0.00	0.00
4,500.0	2.54	145.94	4,499.7	-13.7	9.3	-13.5	0.00	0.00	0.00
4,600.0	2.54	145.94	4,599.6	-17.4	11.7	-17.1	0.00	0.00	0.00
4,700.0	2.54	145.94	4,699.5	-21.0	14.2	-20.7	0.00	0.00	0.00
4,800.0	2.54	145.94	4,799.4	-24.7	16.7	-24.4	0.00	0.00	0.00
4,900.0	2.54	145.94	4,899.3	-28.4	19.2	-28.0	0.00	0.00	0.00
5,000.0	2.54	145.94	4,999.2	-32.1	21.7	-31.6	0.00	0.00	0.00
5,100.0	2.54	145.94	5,099.1	-35.7	24.2	-35.2	0.00	0.00	0.00
5,200.0	2.54	145.94	5,199.0	-39.4	26.6	-38.8	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 83 NME)
Site: Osprey 10
Well: #703H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 25' @ 3359.0usft
MD Reference: KB = 25' @ 3359.0usft
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	2.54	145.94	5,298.9	-43.1	29.1	-42.5	0.00	0.00	0.00
5,400.0	2.54	145.94	5,398.8	-46.8	31.6	-46.1	0.00	0.00	0.00
5,500.0	2.54	145.94	5,498.7	-50.4	34.1	-49.7	0.00	0.00	0.00
5,600.0	2.54	145.94	5,598.6	-54.1	36.6	-53.3	0.00	0.00	0.00
5,700.0	2.54	145.94	5,698.5	-57.8	39.1	-56.9	0.00	0.00	0.00
5,800.0	2.54	145.94	5,798.4	-61.4	41.5	-60.6	0.00	0.00	0.00
5,900.0	2.54	145.94	5,898.3	-65.1	44.0	-64.2	0.00	0.00	0.00
6,000.0	2.54	145.94	5,998.2	-68.8	46.5	-67.8	0.00	0.00	0.00
6,100.0	2.54	145.94	6,098.1	-72.5	49.0	-71.4	0.00	0.00	0.00
6,200.0	2.54	145.94	6,198.0	-76.1	51.5	-75.0	0.00	0.00	0.00
6,300.0	2.54	145.94	6,297.9	-79.8	54.0	-78.7	0.00	0.00	0.00
6,400.0	2.54	145.94	6,397.8	-83.5	56.4	-82.3	0.00	0.00	0.00
6,500.0	2.54	145.94	6,497.7	-87.2	58.9	-85.9	0.00	0.00	0.00
6,600.0	2.54	145.94	6,597.6	-90.8	61.4	-89.5	0.00	0.00	0.00
6,700.0	2.54	145.94	6,697.5	-94.5	63.9	-93.1	0.00	0.00	0.00
6,800.0	2.54	145.94	6,797.4	-98.2	66.4	-96.8	0.00	0.00	0.00
6,900.0	2.54	145.94	6,897.3	-101.8	68.9	-100.4	0.00	0.00	0.00
7,000.0	2.54	145.94	6,997.2	-105.5	71.3	-104.0	0.00	0.00	0.00
7,100.0	2.54	145.94	7,097.1	-109.2	73.8	-107.6	0.00	0.00	0.00
7,200.0	2.54	145.94	7,197.0	-112.9	76.3	-111.2	0.00	0.00	0.00
7,300.0	2.54	145.94	7,296.9	-116.5	78.8	-114.9	0.00	0.00	0.00
7,400.0	2.54	145.94	7,396.8	-120.2	81.3	-118.5	0.00	0.00	0.00
7,500.0	2.54	145.94	7,496.7	-123.9	83.8	-122.1	0.00	0.00	0.00
7,600.0	2.54	145.94	7,596.6	-127.6	86.2	-125.7	0.00	0.00	0.00
7,700.0	2.54	145.94	7,696.5	-131.2	88.7	-129.4	0.00	0.00	0.00
7,800.0	2.54	145.94	7,796.4	-134.9	91.2	-133.0	0.00	0.00	0.00
7,900.0	2.54	145.94	7,896.3	-138.6	93.7	-136.6	0.00	0.00	0.00
8,000.0	2.54	145.94	7,996.2	-142.2	96.2	-140.2	0.00	0.00	0.00
8,100.0	2.54	145.94	8,096.1	-145.9	98.7	-143.8	0.00	0.00	0.00
8,200.0	2.54	145.94	8,196.0	-149.6	101.1	-147.5	0.00	0.00	0.00
8,300.0	2.54	145.94	8,295.9	-153.3	103.6	-151.1	0.00	0.00	0.00
8,400.0	2.54	145.94	8,395.8	-156.9	106.1	-154.7	0.00	0.00	0.00
8,500.0	2.54	145.94	8,495.7	-160.6	108.6	-158.3	0.00	0.00	0.00
8,600.0	2.54	145.94	8,595.6	-164.3	111.1	-161.9	0.00	0.00	0.00
8,700.0	2.54	145.94	8,695.5	-168.0	113.6	-165.6	0.00	0.00	0.00
8,800.0	2.54	145.94	8,795.4	-171.6	116.0	-169.2	0.00	0.00	0.00
8,900.0	2.54	145.94	8,895.3	-175.3	118.5	-172.8	0.00	0.00	0.00
9,000.0	2.54	145.94	8,995.2	-179.0	121.0	-176.4	0.00	0.00	0.00
9,100.0	2.54	145.94	9,095.2	-182.6	123.5	-180.0	0.00	0.00	0.00
9,200.0	2.54	145.94	9,195.1	-186.3	126.0	-183.7	0.00	0.00	0.00
9,300.0	2.54	145.94	9,295.0	-190.0	128.5	-187.3	0.00	0.00	0.00
9,400.0	2.54	145.94	9,394.9	-193.7	130.9	-190.9	0.00	0.00	0.00
9,500.0	2.54	145.94	9,494.8	-197.3	133.4	-194.5	0.00	0.00	0.00
9,600.0	2.54	145.94	9,594.7	-201.0	135.9	-198.1	0.00	0.00	0.00
9,700.0	2.54	145.94	9,694.6	-204.7	138.4	-201.8	0.00	0.00	0.00
9,800.0	2.54	145.94	9,794.5	-208.4	140.9	-205.4	0.00	0.00	0.00
9,900.0	2.54	145.94	9,894.4	-212.0	143.4	-209.0	0.00	0.00	0.00
10,000.0	2.54	145.94	9,994.3	-215.7	145.8	-212.6	0.00	0.00	0.00
10,100.0	2.54	145.94	10,094.2	-219.4	148.3	-216.2	0.00	0.00	0.00
10,200.0	2.54	145.94	10,194.1	-223.0	150.8	-219.9	0.00	0.00	0.00
10,300.0	2.54	145.94	10,294.0	-226.7	153.3	-223.5	0.00	0.00	0.00
10,400.0	2.54	145.94	10,393.9	-230.4	155.8	-227.1	0.00	0.00	0.00
10,500.0	2.54	145.94	10,493.8	-234.1	158.3	-230.7	0.00	0.00	0.00
10,600.0	2.54	145.94	10,593.7	-237.7	160.7	-234.3	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 83 NME)
Site: Osprey 10
Well: #703H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Well #703H
KB = 25' @ 3359.0usft
KB = 25' @ 3359.0usft
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)
10,700.0	2.54	145.94	10,693.6	-241.4	163.2	-238.0	0.00	0.00	0.00
10,800.0	2.54	145.94	10,793.5	-245.1	165.7	-241.6	0.00	0.00	0.00
10,900.0	2.54	145.94	10,893.4	-248.8	168.2	-245.2	0.00	0.00	0.00
11,000.0	2.54	145.94	10,993.3	-252.4	170.7	-248.8	0.00	0.00	0.00
11,100.0	2.54	145.94	11,093.2	-256.1	173.2	-252.4	0.00	0.00	0.00
11,200.0	2.54	145.94	11,193.1	-259.8	175.6	-256.1	0.00	0.00	0.00
11,300.0	2.54	145.94	11,293.0	-263.4	178.1	-259.7	0.00	0.00	0.00
11,400.0	2.54	145.94	11,392.9	-267.1	180.6	-263.3	0.00	0.00	0.00
11,500.0	2.54	145.94	11,492.8	-270.8	183.1	-266.9	0.00	0.00	0.00
11,600.0	2.54	145.94	11,592.7	-274.5	185.6	-270.5	0.00	0.00	0.00
11,700.0	2.54	145.94	11,692.6	-278.1	188.1	-274.2	0.00	0.00	0.00
11,800.0	2.54	145.94	11,792.5	-281.8	190.5	-277.8	0.00	0.00	0.00
11,900.0	2.54	145.94	11,892.4	-285.5	193.0	-281.4	0.00	0.00	0.00
12,000.0	2.54	145.94	11,992.3	-289.2	195.5	-285.0	0.00	0.00	0.00
12,050.8	2.54	145.94	12,043.1	-291.0	196.8	-286.9	0.00	0.00	0.00
12,075.0	1.61	60.37	12,067.2	-291.3	197.4	-287.1	12.00	-3.83	-353.75
12,100.0	4.04	19.95	12,092.2	-290.3	198.0	-286.1	12.00	9.71	-161.68
12,125.0	6.93	11.25	12,117.1	-288.0	198.6	-283.8	12.00	11.56	-34.81
12,150.0	9.89	7.69	12,141.8	-284.4	199.2	-280.2	12.00	11.82	-14.24
12,175.0	12.86	5.76	12,166.3	-279.5	199.7	-275.3	12.00	11.90	-7.71
12,200.0	15.85	4.55	12,190.5	-273.3	200.3	-269.1	12.00	11.94	-4.85
12,225.0	18.84	3.71	12,214.4	-265.9	200.8	-261.6	12.00	11.96	-3.34
12,250.0	21.83	3.10	12,237.8	-257.2	201.3	-253.0	12.00	11.97	-2.46
12,275.0	24.82	2.63	12,260.8	-247.3	201.8	-243.1	12.00	11.98	-1.89
12,300.0	27.82	2.25	12,283.2	-236.2	202.3	-232.0	12.00	11.98	-1.50
12,325.0	30.82	1.94	12,305.0	-224.0	202.7	-219.7	12.00	11.98	-1.23
12,350.0	33.81	1.68	12,326.1	-210.7	203.1	-206.4	12.00	11.99	-1.03
12,375.0	36.81	1.46	12,346.5	-196.2	203.5	-191.9	12.00	11.99	-0.88
12,400.0	39.81	1.27	12,366.1	-180.7	203.9	-176.4	12.00	11.99	-0.77
12,425.0	42.81	1.10	12,384.9	-164.2	204.3	-159.9	12.00	11.99	-0.68
12,450.0	45.80	0.95	12,402.8	-146.8	204.6	-142.5	12.00	11.99	-0.61
12,475.0	48.80	0.81	12,419.8	-128.4	204.8	-124.1	12.00	11.99	-0.55
12,500.0	51.80	0.69	12,435.7	-109.2	205.1	-104.9	12.00	11.99	-0.50
12,525.0	54.80	0.57	12,450.7	-89.1	205.3	-84.8	12.00	11.99	-0.46
12,550.0	57.80	0.47	12,464.5	-68.3	205.5	-64.0	12.00	11.99	-0.43
12,575.0	60.80	0.37	12,477.3	-46.8	205.7	-42.5	12.00	12.00	-0.40
12,600.0	63.80	0.27	12,488.9	-24.7	205.8	-20.4	12.00	12.00	-0.38
12,625.0	66.79	0.18	12,499.4	-2.0	205.9	2.3	12.00	12.00	-0.36
12,629.1	67.28	0.17	12,500.9	1.8	205.9	6.0	12.00	12.00	-0.35
FTP (Osprey 10 #703H)									
12,650.0	69.79	0.10	12,508.6	21.2	205.9	25.5	12.00	12.00	-0.34
12,675.0	72.79	0.02	12,516.6	44.9	206.0	49.2	12.00	12.00	-0.33
12,700.0	75.79	359.94	12,523.4	69.0	205.9	73.2	12.00	12.00	-0.32
12,725.0	78.79	359.86	12,528.9	93.3	205.9	97.6	12.00	12.00	-0.31
12,750.0	81.79	359.78	12,533.1	118.0	205.8	122.3	12.00	12.00	-0.30
12,775.0	84.79	359.71	12,536.0	142.8	205.7	147.1	12.00	12.00	-0.30
12,800.0	87.79	359.63	12,537.6	167.8	205.6	172.0	12.00	12.00	-0.30
12,818.4	90.00	359.58	12,538.0	186.2	205.4	190.4	12.00	12.00	-0.30
12,900.0	90.00	359.58	12,538.0	267.8	204.9	272.0	0.00	0.00	0.00
13,000.0	90.00	359.58	12,538.0	367.7	204.1	371.9	0.00	0.00	0.00
13,100.0	90.00	359.58	12,538.0	467.7	203.4	471.9	0.00	0.00	0.00
13,200.0	90.00	359.58	12,538.0	567.7	202.7	571.8	0.00	0.00	0.00
13,300.0	90.00	359.58	12,538.0	667.7	201.9	671.8	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 83 NME)
Site: Osprey 10
Well: #703H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 25' @ 3359.0usft
MD Reference: KB = 25' @ 3359.0usft
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)
13,400.0	90.00	359.58	12,538.0	767.7	201.2	771.8	0.00	0.00	0.00
13,500.0	90.00	359.58	12,538.0	867.7	200.5	871.7	0.00	0.00	0.00
13,600.0	90.00	359.58	12,538.0	967.7	199.7	971.7	0.00	0.00	0.00
13,700.0	90.00	359.58	12,538.0	1,067.7	199.0	1,071.6	0.00	0.00	0.00
13,800.0	90.00	359.58	12,538.0	1,167.7	198.3	1,171.6	0.00	0.00	0.00
13,900.0	90.00	359.58	12,538.0	1,267.7	197.5	1,271.6	0.00	0.00	0.00
14,000.0	90.00	359.58	12,538.0	1,367.7	196.8	1,371.5	0.00	0.00	0.00
14,100.0	90.00	359.58	12,538.0	1,467.7	196.1	1,471.5	0.00	0.00	0.00
14,200.0	90.00	359.58	12,538.0	1,567.7	195.3	1,571.4	0.00	0.00	0.00
14,300.0	90.00	359.58	12,538.0	1,667.7	194.6	1,671.4	0.00	0.00	0.00
14,400.0	90.00	359.58	12,538.0	1,767.7	193.9	1,771.4	0.00	0.00	0.00
14,500.0	90.00	359.58	12,538.0	1,867.7	193.1	1,871.3	0.00	0.00	0.00
14,600.0	90.00	359.58	12,538.0	1,967.7	192.4	1,971.3	0.00	0.00	0.00
14,700.0	90.00	359.58	12,538.0	2,067.7	191.7	2,071.2	0.00	0.00	0.00
14,800.0	90.00	359.58	12,538.0	2,167.7	190.9	2,171.2	0.00	0.00	0.00
14,900.0	90.00	359.58	12,538.0	2,267.7	190.2	2,271.2	0.00	0.00	0.00
15,000.0	90.00	359.58	12,538.0	2,367.7	189.5	2,371.1	0.00	0.00	0.00
15,100.0	90.00	359.58	12,538.0	2,467.7	188.7	2,471.1	0.00	0.00	0.00
15,200.0	90.00	359.58	12,538.0	2,567.7	188.0	2,571.0	0.00	0.00	0.00
15,300.0	90.00	359.58	12,538.0	2,667.7	187.3	2,671.0	0.00	0.00	0.00
15,400.0	90.00	359.58	12,538.0	2,767.7	186.5	2,771.0	0.00	0.00	0.00
15,500.0	90.00	359.58	12,538.0	2,867.7	185.8	2,870.9	0.00	0.00	0.00
15,600.0	90.00	359.58	12,538.0	2,967.7	185.1	2,970.9	0.00	0.00	0.00
15,700.0	90.00	359.58	12,538.0	3,067.7	184.3	3,070.9	0.00	0.00	0.00
15,800.0	90.00	359.58	12,538.0	3,167.7	183.6	3,170.8	0.00	0.00	0.00
15,900.0	90.00	359.58	12,538.0	3,267.7	182.9	3,270.8	0.00	0.00	0.00
16,000.0	90.00	359.58	12,538.0	3,367.7	182.1	3,370.7	0.00	0.00	0.00
16,100.0	90.00	359.58	12,538.0	3,467.7	181.4	3,470.7	0.00	0.00	0.00
16,200.0	90.00	359.58	12,538.0	3,567.7	180.7	3,570.7	0.00	0.00	0.00
16,300.0	90.00	359.58	12,538.0	3,667.7	179.9	3,670.6	0.00	0.00	0.00
16,400.0	90.00	359.58	12,538.0	3,767.7	179.2	3,770.6	0.00	0.00	0.00
16,500.0	90.00	359.58	12,538.0	3,867.7	178.5	3,870.5	0.00	0.00	0.00
16,600.0	90.00	359.58	12,538.0	3,967.7	177.7	3,970.5	0.00	0.00	0.00
16,700.0	90.00	359.58	12,538.0	4,067.6	177.0	4,070.5	0.00	0.00	0.00
16,800.0	90.00	359.58	12,538.0	4,167.6	176.3	4,170.4	0.00	0.00	0.00
16,900.0	90.00	359.58	12,538.0	4,267.6	175.5	4,270.4	0.00	0.00	0.00
17,000.0	90.00	359.58	12,538.0	4,367.6	174.8	4,370.3	0.00	0.00	0.00
17,100.0	90.00	359.58	12,538.0	4,467.6	174.1	4,470.3	0.00	0.00	0.00
17,200.0	90.00	359.58	12,538.0	4,567.6	173.3	4,570.3	0.00	0.00	0.00
17,300.0	90.00	359.58	12,538.0	4,667.6	172.6	4,670.2	0.00	0.00	0.00
17,400.0	90.00	359.58	12,538.0	4,767.6	171.9	4,770.2	0.00	0.00	0.00
17,500.0	90.00	359.58	12,538.0	4,867.6	171.1	4,870.1	0.00	0.00	0.00
17,600.0	90.00	359.58	12,538.0	4,967.6	170.4	4,970.1	0.00	0.00	0.00
17,700.0	90.00	359.58	12,538.0	5,067.6	169.7	5,070.1	0.00	0.00	0.00
17,800.0	90.00	359.58	12,538.0	5,167.6	168.9	5,170.0	0.00	0.00	0.00
17,900.0	90.00	359.58	12,538.0	5,267.6	168.2	5,270.0	0.00	0.00	0.00
18,000.0	90.00	359.58	12,538.0	5,367.6	167.5	5,369.9	0.00	0.00	0.00
18,100.0	90.00	359.58	12,538.0	5,467.6	166.7	5,469.9	0.00	0.00	0.00
18,200.0	90.00	359.58	12,538.0	5,567.6	166.0	5,569.9	0.00	0.00	0.00
18,300.0	90.00	359.58	12,538.0	5,667.6	165.3	5,669.8	0.00	0.00	0.00
18,400.0	90.00	359.58	12,538.0	5,767.6	164.5	5,769.8	0.00	0.00	0.00
18,500.0	90.00	359.58	12,538.0	5,867.6	163.8	5,869.7	0.00	0.00	0.00
18,600.0	90.00	359.58	12,538.0	5,967.6	163.1	5,969.7	0.00	0.00	0.00
18,700.0	90.00	359.58	12,538.0	6,067.6	162.3	6,069.7	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #703H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3359.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3359.0usft
Site:	Osprey 10	North Reference:	Grid
Well:	#703H	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)
18,800.0	90.00	359.58	12,538.0	6,167.6	161.6	6,169.6	0.00	0.00	0.00
18,900.0	90.00	359.58	12,538.0	6,267.6	160.9	6,269.6	0.00	0.00	0.00
19,000.0	90.00	359.58	12,538.0	6,367.6	160.1	6,369.5	0.00	0.00	0.00
19,100.0	90.00	359.58	12,538.0	6,467.6	159.4	6,469.5	0.00	0.00	0.00
19,200.0	90.00	359.58	12,538.0	6,567.6	158.7	6,569.5	0.00	0.00	0.00
19,300.0	90.00	359.58	12,538.0	6,667.6	157.9	6,669.4	0.00	0.00	0.00
19,400.0	90.00	359.58	12,538.0	6,767.6	157.2	6,769.4	0.00	0.00	0.00
19,500.0	90.00	359.58	12,538.0	6,867.6	156.5	6,869.3	0.00	0.00	0.00
19,600.0	90.00	359.58	12,538.0	6,967.6	155.7	6,969.3	0.00	0.00	0.00
19,700.0	90.00	359.58	12,538.0	7,067.6	155.0	7,069.3	0.00	0.00	0.00
19,800.0	90.00	359.58	12,538.0	7,167.6	154.3	7,169.2	0.00	0.00	0.00
19,900.0	90.00	359.58	12,538.0	7,267.6	153.5	7,269.2	0.00	0.00	0.00
19,973.4	90.00	359.58	12,538.0	7,341.0	153.0	7,342.6	0.00	0.00	0.00
PBHL (Osprey 10 #703H)									

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 (Osprey 10 #703H)	0.00	0.00	12,538.0	7,341.0	153.0	422,637.00	811,437.00	32° 9' 32.029 N	103° 27' 37.862 W
- plan hits target center									
- Point									
FTP (Osprey 10 #703H)	0.00	0.00	12,538.0	-13.0	207.0	415,283.00	811,491.00	32° 8' 19.257 N	103° 27' 37.927 W
- plan misses target center by 39.9usft at 12629.1usft MD (12500.9 TVD, 1.8 N, 205.9 E)									
- Point									