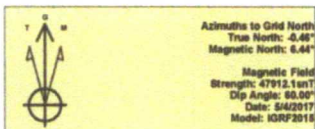




Lea County, NM (NAD 83 NME)

Osprey 10 #702H

Plan #0.1



To convert a Magnetic Direction to a Grid Direction, Add 6.46°
To convert a Magnetic Direction to a True Direction, Add 6.91° East
To convert a True Direction to a Grid Direction, Subtract 6.46°

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: #702H

Ground Level: 3335.0
KB = 25' @ 3360.0usR
Northing: 415312.50 Easting: 811253.50 Latitude: 32° 8' 19.563 N Longitude: 103° 27' 40.692 W

SECTION DETAILS

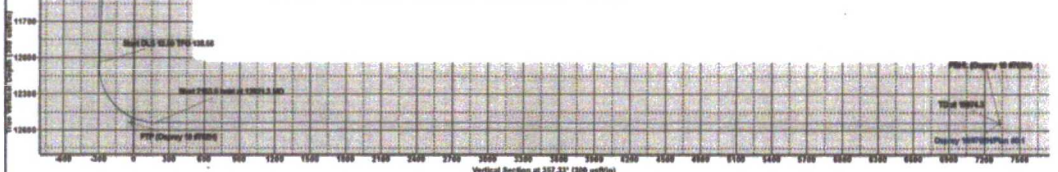
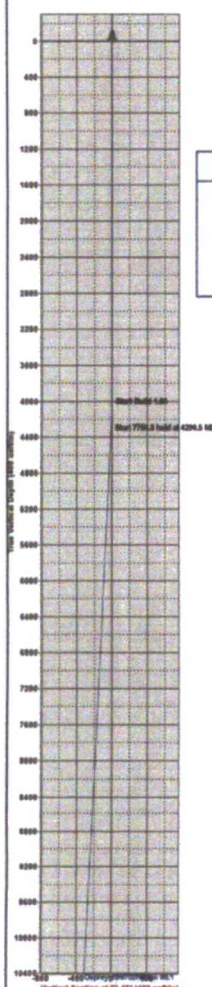
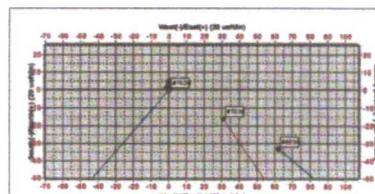
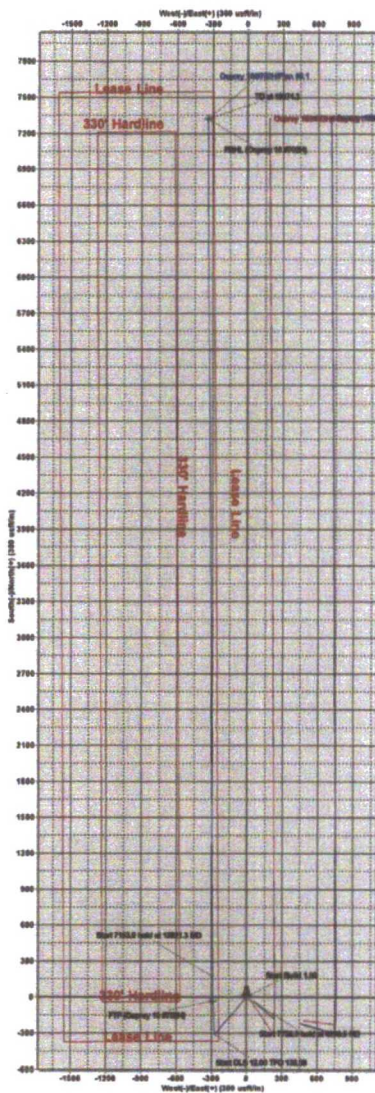
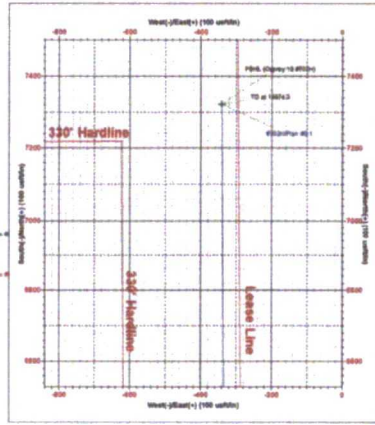
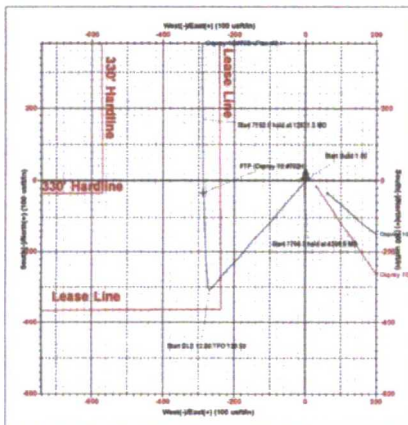
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dieg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0	
3	4296.5	2.97	220.97	4296.4	-5.8	-5.0	1.00	220.97	-5.6	
4	12052.8	2.97	220.97	12042.3	-308.8	-268.1	0.00	0.00	-296.0	
5	12821.3	90.00	359.58	12538.0	168.2	-285.6	12.00	138.58	181.4	
6	19974.3	90.00	359.58	12538.0	7321.0	-341.0	0.00	0.00	7328.9	PBHL (Osprey 10 #702H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
FTP (Osprey 10 #702H)	12828.0	-35.0	-287.0	416279.00	810898.00
PBHL (Osprey 10 #702H)	12838.0	7321.0	-341.0	422833.00	810812.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Osprey 10

#702H

OH

Plan: Plan #0.1

Standard Planning Report

08 May, 2017



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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference: KB = 25' @ 3360.0usft
MD Reference: KB = 25' @ 3360.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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	Latitude: 32° 8' 19.231 N
From: Map		Easting:	811,315.00 usft	Longitude: 103° 27' 39.974 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.46 °

Well	#702H			
Well Position	+N/-S	33.0 usft	Northing:	415,312.00 usft
	+E/-W	-62.0 usft	Easting:	811,253.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level: 3,335.0 usft

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

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 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	
4,296.5	2.97	220.97	4,296.4	-5.8	-5.0	1.00	1.00	0.00	220.97	
12,052.8	2.97	220.97	12,042.3	-308.8	-268.1	0.00	0.00	0.00	0.00	
12,821.3	90.00	359.58	12,538.0	168.2	-288.6	12.00	11.32	18.04	138.58	
19,974.3	90.00	359.58	12,538.0	7,321.0	-341.0	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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well #702H
KB = 25' @ 3360.0usft
KB = 25' @ 3360.0usft
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)
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	220.97	4,100.0	-0.7	-0.6	-0.6	1.00	1.00	0.00
4,200.0	2.00	220.97	4,200.0	-2.6	-2.3	-2.5	1.00	1.00	0.00
4,296.5	2.97	220.97	4,296.4	-5.8	-5.0	-5.6	1.00	1.00	0.00
4,300.0	2.97	220.97	4,299.9	-5.9	-5.1	-5.7	0.00	0.00	0.00
4,400.0	2.97	220.97	4,399.7	-9.8	-8.5	-9.4	0.00	0.00	0.00
4,500.0	2.97	220.97	4,499.6	-13.7	-11.9	-13.2	0.00	0.00	0.00
4,600.0	2.97	220.97	4,599.5	-17.6	-15.3	-16.9	0.00	0.00	0.00
4,700.0	2.97	220.97	4,699.3	-21.6	-18.7	-20.7	0.00	0.00	0.00
4,800.0	2.97	220.97	4,799.2	-25.5	-22.1	-24.4	0.00	0.00	0.00
4,900.0	2.97	220.97	4,899.1	-29.4	-25.5	-28.1	0.00	0.00	0.00
5,000.0	2.97	220.97	4,998.9	-33.3	-28.9	-31.9	0.00	0.00	0.00
5,100.0	2.97	220.97	5,098.8	-37.2	-32.3	-35.6	0.00	0.00	0.00
5,200.0	2.97	220.97	5,198.7	-41.1	-35.7	-39.4	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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3360.0usft
MD Reference: KB = 25' @ 3360.0usft
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	2.97	220.97	5,298.5	-45.0	-39.1	-43.1	0.00	0.00	0.00
5,400.0	2.97	220.97	5,398.4	-48.9	-42.5	-46.9	0.00	0.00	0.00
5,500.0	2.97	220.97	5,498.3	-52.8	-45.8	-50.6	0.00	0.00	0.00
5,600.0	2.97	220.97	5,598.1	-56.7	-49.2	-54.4	0.00	0.00	0.00
5,700.0	2.97	220.97	5,698.0	-60.6	-52.6	-58.1	0.00	0.00	0.00
5,800.0	2.97	220.97	5,797.9	-64.5	-56.0	-61.8	0.00	0.00	0.00
5,900.0	2.97	220.97	5,897.7	-68.4	-59.4	-65.6	0.00	0.00	0.00
6,000.0	2.97	220.97	5,997.6	-72.3	-62.8	-69.3	0.00	0.00	0.00
6,100.0	2.97	220.97	6,097.5	-76.2	-66.2	-73.1	0.00	0.00	0.00
6,200.0	2.97	220.97	6,197.3	-80.1	-69.6	-76.8	0.00	0.00	0.00
6,300.0	2.97	220.97	6,297.2	-84.1	-73.0	-80.6	0.00	0.00	0.00
6,400.0	2.97	220.97	6,397.1	-88.0	-76.4	-84.3	0.00	0.00	0.00
6,500.0	2.97	220.97	6,496.9	-91.9	-79.8	-88.1	0.00	0.00	0.00
6,600.0	2.97	220.97	6,596.8	-95.8	-83.2	-91.8	0.00	0.00	0.00
6,700.0	2.97	220.97	6,696.6	-99.7	-86.5	-95.5	0.00	0.00	0.00
6,800.0	2.97	220.97	6,796.5	-103.6	-89.9	-99.3	0.00	0.00	0.00
6,900.0	2.97	220.97	6,896.4	-107.5	-93.3	-103.0	0.00	0.00	0.00
7,000.0	2.97	220.97	6,996.2	-111.4	-96.7	-106.8	0.00	0.00	0.00
7,100.0	2.97	220.97	7,096.1	-115.3	-100.1	-110.5	0.00	0.00	0.00
7,200.0	2.97	220.97	7,196.0	-119.2	-103.5	-114.3	0.00	0.00	0.00
7,300.0	2.97	220.97	7,295.8	-123.1	-106.9	-118.0	0.00	0.00	0.00
7,400.0	2.97	220.97	7,395.7	-127.0	-110.3	-121.8	0.00	0.00	0.00
7,500.0	2.97	220.97	7,495.6	-130.9	-113.7	-125.5	0.00	0.00	0.00
7,600.0	2.97	220.97	7,595.4	-134.8	-117.1	-129.2	0.00	0.00	0.00
7,700.0	2.97	220.97	7,695.3	-138.7	-120.5	-133.0	0.00	0.00	0.00
7,800.0	2.97	220.97	7,795.2	-142.6	-123.9	-136.7	0.00	0.00	0.00
7,900.0	2.97	220.97	7,895.0	-146.6	-127.2	-140.5	0.00	0.00	0.00
8,000.0	2.97	220.97	7,994.9	-150.5	-130.6	-144.2	0.00	0.00	0.00
8,100.0	2.97	220.97	8,094.8	-154.4	-134.0	-148.0	0.00	0.00	0.00
8,200.0	2.97	220.97	8,194.6	-158.3	-137.4	-151.7	0.00	0.00	0.00
8,300.0	2.97	220.97	8,294.5	-162.2	-140.8	-155.5	0.00	0.00	0.00
8,400.0	2.97	220.97	8,394.4	-166.1	-144.2	-159.2	0.00	0.00	0.00
8,500.0	2.97	220.97	8,494.2	-170.0	-147.6	-162.9	0.00	0.00	0.00
8,600.0	2.97	220.97	8,594.1	-173.9	-151.0	-166.7	0.00	0.00	0.00
8,700.0	2.97	220.97	8,694.0	-177.8	-154.4	-170.4	0.00	0.00	0.00
8,800.0	2.97	220.97	8,793.8	-181.7	-157.8	-174.2	0.00	0.00	0.00
8,900.0	2.97	220.97	8,893.7	-185.6	-161.2	-177.9	0.00	0.00	0.00
9,000.0	2.97	220.97	8,993.6	-189.5	-164.6	-181.7	0.00	0.00	0.00
9,100.0	2.97	220.97	9,093.4	-193.4	-167.9	-185.4	0.00	0.00	0.00
9,200.0	2.97	220.97	9,193.3	-197.3	-171.3	-189.2	0.00	0.00	0.00
9,300.0	2.97	220.97	9,293.2	-201.2	-174.7	-192.9	0.00	0.00	0.00
9,400.0	2.97	220.97	9,393.0	-205.1	-178.1	-196.6	0.00	0.00	0.00
9,500.0	2.97	220.97	9,492.9	-209.1	-181.5	-200.4	0.00	0.00	0.00
9,600.0	2.97	220.97	9,592.8	-213.0	-184.9	-204.1	0.00	0.00	0.00
9,700.0	2.97	220.97	9,692.6	-216.9	-188.3	-207.9	0.00	0.00	0.00
9,800.0	2.97	220.97	9,792.5	-220.8	-191.7	-211.6	0.00	0.00	0.00
9,900.0	2.97	220.97	9,892.4	-224.7	-195.1	-215.4	0.00	0.00	0.00
10,000.0	2.97	220.97	9,992.2	-228.6	-198.5	-219.1	0.00	0.00	0.00
10,100.0	2.97	220.97	10,092.1	-232.5	-201.9	-222.8	0.00	0.00	0.00
10,200.0	2.97	220.97	10,192.0	-236.4	-205.3	-226.6	0.00	0.00	0.00
10,300.0	2.97	220.97	10,291.8	-240.3	-208.6	-230.3	0.00	0.00	0.00
10,400.0	2.97	220.97	10,391.7	-244.2	-212.0	-234.1	0.00	0.00	0.00
10,500.0	2.97	220.97	10,491.6	-248.1	-215.4	-237.8	0.00	0.00	0.00
10,600.0	2.97	220.97	10,591.4	-252.0	-218.8	-241.6	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 83 NME)
Site: Osprey 10
Well: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well #702H
KB = 25' @ 3360.0usft
KB = 25' @ 3360.0usft
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	2.97	220.97	10,691.3	-255.9	-222.2	-245.3	0.00	0.00	0.00
10,800.0	2.97	220.97	10,791.2	-259.8	-225.6	-249.1	0.00	0.00	0.00
10,900.0	2.97	220.97	10,891.0	-263.7	-229.0	-252.8	0.00	0.00	0.00
11,000.0	2.97	220.97	10,990.9	-267.6	-232.4	-256.5	0.00	0.00	0.00
11,100.0	2.97	220.97	11,090.8	-271.6	-235.8	-260.3	0.00	0.00	0.00
11,200.0	2.97	220.97	11,190.6	-275.5	-239.2	-264.0	0.00	0.00	0.00
11,300.0	2.97	220.97	11,290.5	-279.4	-242.6	-267.8	0.00	0.00	0.00
11,400.0	2.97	220.97	11,390.4	-283.3	-246.0	-271.5	0.00	0.00	0.00
11,500.0	2.97	220.97	11,490.2	-287.2	-249.3	-275.3	0.00	0.00	0.00
11,600.0	2.97	220.97	11,590.1	-291.1	-252.7	-279.0	0.00	0.00	0.00
11,700.0	2.97	220.97	11,690.0	-295.0	-256.1	-282.8	0.00	0.00	0.00
11,800.0	2.97	220.97	11,789.8	-298.9	-259.5	-286.5	0.00	0.00	0.00
11,900.0	2.97	220.97	11,889.7	-302.8	-262.9	-290.2	0.00	0.00	0.00
12,000.0	2.97	220.97	11,989.6	-306.7	-266.3	-294.0	0.00	0.00	0.00
12,052.8	2.97	220.97	12,042.3	-308.8	-268.1	-296.0	0.00	0.00	0.00
12,075.0	2.01	282.18	12,064.5	-309.1	-268.8	-296.3	12.00	-4.31	275.87
12,100.0	3.96	329.91	12,089.4	-308.3	-269.7	-295.4	12.00	7.79	190.94
12,125.0	6.73	342.71	12,114.3	-306.1	-270.6	-293.2	12.00	11.09	51.19
12,150.0	9.64	347.95	12,139.1	-302.7	-271.5	-289.7	12.00	11.64	20.96
12,175.0	12.59	350.76	12,163.6	-298.0	-272.3	-285.0	12.00	11.81	11.25
12,200.0	15.56	352.51	12,187.8	-291.9	-273.2	-278.9	12.00	11.88	7.02
12,225.0	18.54	353.72	12,211.7	-284.7	-274.1	-271.6	12.00	11.92	4.81
12,250.0	21.52	354.60	12,235.2	-276.2	-274.9	-263.1	12.00	11.94	3.52
12,275.0	24.51	355.27	12,258.2	-266.4	-275.8	-253.3	12.00	11.95	2.70
12,300.0	27.50	355.81	12,280.7	-255.5	-276.6	-242.3	12.00	11.96	2.14
12,325.0	30.50	356.25	12,302.6	-243.4	-277.5	-230.2	12.00	11.97	1.75
12,350.0	33.49	356.61	12,323.8	-230.2	-278.3	-217.0	12.00	11.97	1.47
12,375.0	36.48	356.93	12,344.2	-215.9	-279.1	-202.6	12.00	11.98	1.25
12,400.0	39.48	357.20	12,363.9	-200.5	-279.9	-187.3	12.00	11.98	1.09
12,425.0	42.47	357.44	12,382.8	-184.1	-280.7	-170.9	12.00	11.98	0.96
12,450.0	45.47	357.65	12,400.8	-166.8	-281.4	-153.5	12.00	11.99	0.85
12,475.0	48.47	357.84	12,417.9	-148.5	-282.1	-135.2	12.00	11.99	0.77
12,500.0	51.46	358.02	12,433.9	-129.4	-282.8	-116.1	12.00	11.99	0.70
12,525.0	54.46	358.18	12,449.0	-109.5	-283.5	-96.2	12.00	11.99	0.64
12,550.0	57.46	358.33	12,463.0	-88.8	-284.1	-75.4	12.00	11.99	0.60
12,575.0	60.46	358.47	12,475.9	-67.3	-284.7	-54.0	12.00	11.99	0.56
12,600.0	63.45	358.60	12,487.6	-45.3	-285.3	-32.0	12.00	11.99	0.53
12,625.0	66.45	358.72	12,498.2	-22.7	-285.8	-9.3	12.00	11.99	0.50
12,630.4	67.10	358.75	12,500.3	-17.7	-285.9	-4.4	12.00	11.99	0.49
FTP (Osprey 10 #702H)									
12,650.0	69.45	358.84	12,507.6	0.5	-286.3	13.8	12.00	11.99	0.48
12,675.0	72.45	358.96	12,515.8	24.1	-286.7	37.4	12.00	11.99	0.46
12,700.0	75.45	359.07	12,522.7	48.2	-287.2	61.5	12.00	11.99	0.44
12,725.0	78.45	359.18	12,528.3	72.5	-287.5	85.8	12.00	11.99	0.43
12,750.0	81.44	359.28	12,532.7	97.1	-287.9	110.4	12.00	11.99	0.42
12,775.0	84.44	359.39	12,535.8	121.9	-288.2	135.2	12.00	11.99	0.42
12,800.0	87.44	359.49	12,537.5	146.9	-288.4	160.1	12.00	11.99	0.41
12,821.3	90.00	359.58	12,538.0	168.2	-288.6	181.4	12.00	11.99	0.41
12,900.0	90.00	359.58	12,538.0	246.8	-289.1	260.0	0.00	0.00	0.00
13,000.0	90.00	359.58	12,538.0	346.8	-289.9	360.0	0.00	0.00	0.00
13,100.0	90.00	359.58	12,538.0	446.8	-290.6	459.9	0.00	0.00	0.00
13,200.0	90.00	359.58	12,538.0	546.8	-291.3	559.8	0.00	0.00	0.00
13,300.0	90.00	359.58	12,538.0	646.8	-292.1	659.7	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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well #702H
KB = 25' @ 3360.0usft
KB = 25' @ 3360.0usft
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)
13,400.0	90.00	359.58	12,538.0	746.8	-292.8	759.6	0.00	0.00	0.00
13,500.0	90.00	359.58	12,538.0	846.8	-293.5	859.6	0.00	0.00	0.00
13,600.0	90.00	359.58	12,538.0	946.8	-294.3	959.5	0.00	0.00	0.00
13,700.0	90.00	359.58	12,538.0	1,046.8	-295.0	1,059.4	0.00	0.00	0.00
13,800.0	90.00	359.58	12,538.0	1,146.8	-295.7	1,159.3	0.00	0.00	0.00
13,900.0	90.00	359.58	12,538.0	1,246.8	-296.5	1,259.3	0.00	0.00	0.00
14,000.0	90.00	359.58	12,538.0	1,346.8	-297.2	1,359.2	0.00	0.00	0.00
14,100.0	90.00	359.58	12,538.0	1,446.8	-297.9	1,459.1	0.00	0.00	0.00
14,200.0	90.00	359.58	12,538.0	1,546.8	-298.7	1,559.0	0.00	0.00	0.00
14,300.0	90.00	359.58	12,538.0	1,646.8	-299.4	1,659.0	0.00	0.00	0.00
14,400.0	90.00	359.58	12,538.0	1,746.8	-300.1	1,758.9	0.00	0.00	0.00
14,500.0	90.00	359.58	12,538.0	1,846.8	-300.9	1,858.8	0.00	0.00	0.00
14,600.0	90.00	359.58	12,538.0	1,946.8	-301.6	1,958.7	0.00	0.00	0.00
14,700.0	90.00	359.58	12,538.0	2,046.8	-302.3	2,058.6	0.00	0.00	0.00
14,800.0	90.00	359.58	12,538.0	2,146.8	-303.1	2,158.6	0.00	0.00	0.00
14,900.0	90.00	359.58	12,538.0	2,246.8	-303.8	2,258.5	0.00	0.00	0.00
15,000.0	90.00	359.58	12,538.0	2,346.8	-304.5	2,358.4	0.00	0.00	0.00
15,100.0	90.00	359.58	12,538.0	2,446.8	-305.3	2,458.3	0.00	0.00	0.00
15,200.0	90.00	359.58	12,538.0	2,546.8	-306.0	2,558.3	0.00	0.00	0.00
15,300.0	90.00	359.58	12,538.0	2,646.8	-306.7	2,658.2	0.00	0.00	0.00
15,400.0	90.00	359.58	12,538.0	2,746.8	-307.5	2,758.1	0.00	0.00	0.00
15,500.0	90.00	359.58	12,538.0	2,846.8	-308.2	2,858.0	0.00	0.00	0.00
15,600.0	90.00	359.58	12,538.0	2,946.8	-308.9	2,958.0	0.00	0.00	0.00
15,700.0	90.00	359.58	12,538.0	3,046.8	-309.7	3,057.9	0.00	0.00	0.00
15,800.0	90.00	359.58	12,538.0	3,146.8	-310.4	3,157.8	0.00	0.00	0.00
15,900.0	90.00	359.58	12,538.0	3,246.8	-311.1	3,257.7	0.00	0.00	0.00
16,000.0	90.00	359.58	12,538.0	3,346.8	-311.9	3,357.6	0.00	0.00	0.00
16,100.0	90.00	359.58	12,538.0	3,446.8	-312.6	3,457.6	0.00	0.00	0.00
16,200.0	90.00	359.58	12,538.0	3,546.8	-313.3	3,557.5	0.00	0.00	0.00
16,300.0	90.00	359.58	12,538.0	3,646.8	-314.1	3,657.4	0.00	0.00	0.00
16,400.0	90.00	359.58	12,538.0	3,746.7	-314.8	3,757.3	0.00	0.00	0.00
16,500.0	90.00	359.58	12,538.0	3,846.7	-315.5	3,857.3	0.00	0.00	0.00
16,600.0	90.00	359.58	12,538.0	3,946.7	-316.3	3,957.2	0.00	0.00	0.00
16,700.0	90.00	359.58	12,538.0	4,046.7	-317.0	4,057.1	0.00	0.00	0.00
16,800.0	90.00	359.58	12,538.0	4,146.7	-317.7	4,157.0	0.00	0.00	0.00
16,900.0	90.00	359.58	12,538.0	4,246.7	-318.5	4,257.0	0.00	0.00	0.00
17,000.0	90.00	359.58	12,538.0	4,346.7	-319.2	4,356.9	0.00	0.00	0.00
17,100.0	90.00	359.58	12,538.0	4,446.7	-319.9	4,456.8	0.00	0.00	0.00
17,200.0	90.00	359.58	12,538.0	4,546.7	-320.7	4,556.7	0.00	0.00	0.00
17,300.0	90.00	359.58	12,538.0	4,646.7	-321.4	4,656.6	0.00	0.00	0.00
17,400.0	90.00	359.58	12,538.0	4,746.7	-322.1	4,756.6	0.00	0.00	0.00
17,500.0	90.00	359.58	12,538.0	4,846.7	-322.9	4,856.5	0.00	0.00	0.00
17,600.0	90.00	359.58	12,538.0	4,946.7	-323.6	4,956.4	0.00	0.00	0.00
17,700.0	90.00	359.58	12,538.0	5,046.7	-324.3	5,056.3	0.00	0.00	0.00
17,800.0	90.00	359.58	12,538.0	5,146.7	-325.1	5,156.3	0.00	0.00	0.00
17,900.0	90.00	359.58	12,538.0	5,246.7	-325.8	5,256.2	0.00	0.00	0.00
18,000.0	90.00	359.58	12,538.0	5,346.7	-326.5	5,356.1	0.00	0.00	0.00
18,100.0	90.00	359.58	12,538.0	5,446.7	-327.3	5,456.0	0.00	0.00	0.00
18,200.0	90.00	359.58	12,538.0	5,546.7	-328.0	5,556.0	0.00	0.00	0.00
18,300.0	90.00	359.58	12,538.0	5,646.7	-328.7	5,655.9	0.00	0.00	0.00
18,400.0	90.00	359.58	12,538.0	5,746.7	-329.5	5,755.8	0.00	0.00	0.00
18,500.0	90.00	359.58	12,538.0	5,846.7	-330.2	5,855.7	0.00	0.00	0.00
18,600.0	90.00	359.58	12,538.0	5,946.7	-330.9	5,955.6	0.00	0.00	0.00
18,700.0	90.00	359.58	12,538.0	6,046.7	-331.7	6,055.6	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 83 NME)
Site: Osprey 10
Well: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3360.0usft
MD Reference: KB = 25' @ 3360.0usft
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)
18,800.0	90.00	359.58	12,538.0	6,146.7	-332.4	6,155.5	0.00	0.00	0.00
18,900.0	90.00	359.58	12,538.0	6,246.7	-333.1	6,255.4	0.00	0.00	0.00
19,000.0	90.00	359.58	12,538.0	6,346.7	-333.9	6,355.3	0.00	0.00	0.00
19,100.0	90.00	359.58	12,538.0	6,446.7	-334.6	6,455.3	0.00	0.00	0.00
19,200.0	90.00	359.58	12,538.0	6,546.7	-335.3	6,555.2	0.00	0.00	0.00
19,300.0	90.00	359.58	12,538.0	6,646.7	-336.1	6,655.1	0.00	0.00	0.00
19,400.0	90.00	359.58	12,538.0	6,746.7	-336.8	6,755.0	0.00	0.00	0.00
19,500.0	90.00	359.58	12,538.0	6,846.7	-337.5	6,855.0	0.00	0.00	0.00
19,600.0	90.00	359.58	12,538.0	6,946.7	-338.3	6,954.9	0.00	0.00	0.00
19,700.0	90.00	359.58	12,538.0	7,046.7	-339.0	7,054.8	0.00	0.00	0.00
19,800.0	90.00	359.58	12,538.0	7,146.7	-339.7	7,154.7	0.00	0.00	0.00
19,900.0	90.00	359.58	12,538.0	7,246.7	-340.5	7,254.6	0.00	0.00	0.00
19,974.3	90.00	359.58	12,538.0	7,321.0	-341.0	7,328.9	0.00	0.00	0.00
PBHL (Osprey 10 #702H)									

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									
FTP (Osprey 10 #702H)	0.00	0.00	12,538.0	-33.0	-287.0	415,279.00	810,966.00	32° 8' 19.259 N	103° 27' 44.033 W
- plan misses target center by 40.7usft at 12630.4usft MD (12500.3 TVD, -17.7 N, -285.9 E)									
- Point									
PBHL (Osprey 10 #702H)	0.00	0.00	12,538.0	7,321.0	-341.0	422,633.00	810,912.00	32° 9' 32.032 N	103° 27' 43.969 W
- plan hits target center									
- Point									