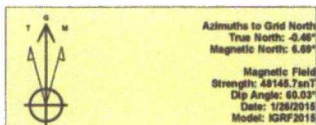




Lea County, NM (NAD 27 NME)

Osprey 10 #701H

Plan #3



To convert a Magnetic Direction to a Grid Direction, Add 6.69°
To convert a Magnetic Direction to a True Direction, Add 7.16° East
To convert a True Direction to a Grid Direction, Subtract 0.48°

PROJECT DETAILS: Lea County, NM (NAD 27 NME)

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

WELL DETAILS: #701H

Ground Level: 3333.0
KB = 25 @ 3368.0usft
Northing: 415436.00
Easting: 788891.00
Latitude: 32° 5' 20.933 N
Longitude: 103° 27' 54.520 W

SECTION DETAILS

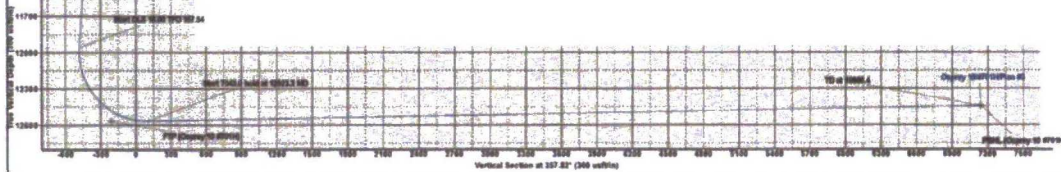
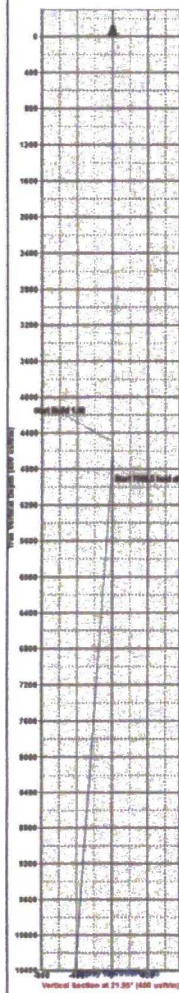
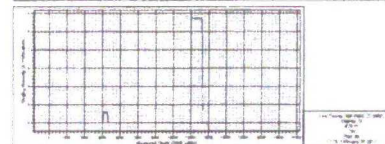
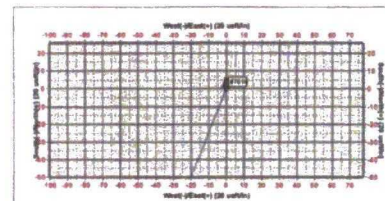
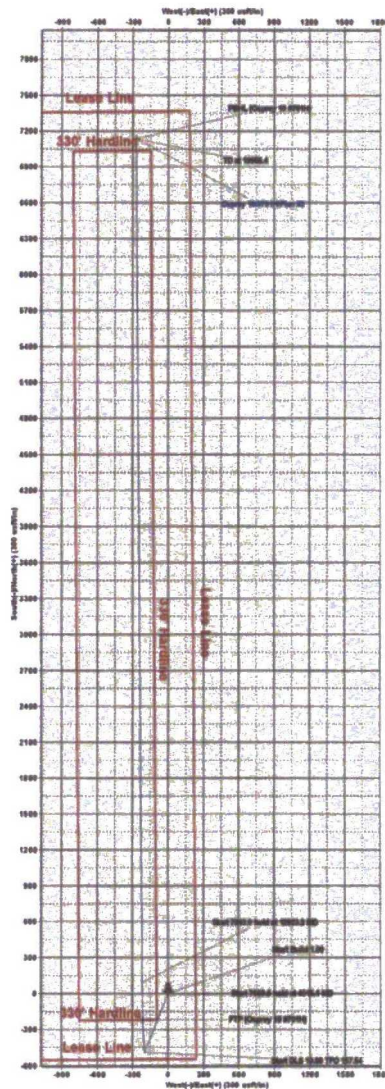
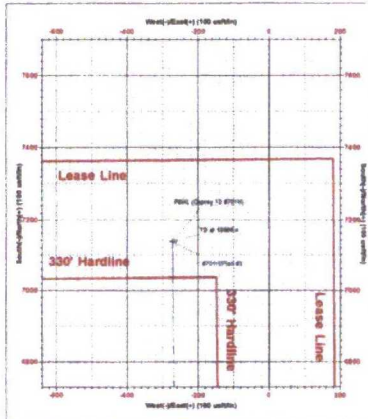
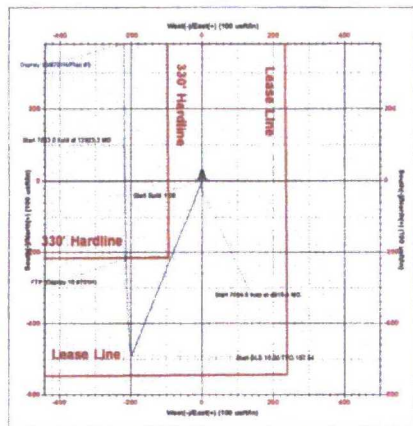
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.0	
2	4500.0	0.00	0.00	4500.0	0.0	0.00	0.00	0.00	0.0	
3	4915.4	4.15	201.95	4915.0	-14.0	-5.6	1.00	201.95	-13.7	
4	11974.9	4.15	201.95	11956.0	-488.3	-196.7	0.00	0.00	-480.4	
5	12923.3	91.00	359.56	12567.0	93.2	-218.4	10.00	157.54	101.5	
6	19968.4	91.00	359.56	12444.1	7135.0	-272.0	0.00	0.00	7140.2	PBHL (Osprey 10 #701H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Osprey 10 #701H)	12444.1	7135.0	-272.0	422871.00	788118.00
FTP (Osprey 10 #701H)	12567.0	-210.0	-216.0	416219.00	788375.00





EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Osprey 10

#701H

OH

Plan: Plan #3

Standard Planning Report

28 February, 2017



EOG Resources, Inc. Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #701H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3358.0usft
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB = 25 @ 3358.0usft
Site:	Osprey 10	North Reference:	Grid
Well:	#701H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #3		

Project	Lea County, NM (NAD 27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Osprey 10		
Site Position:		Northing:	415,103.00 usft
From:	Map	Easting:	768,701.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 8' 17.729 N
		Longitude:	103° 27' 54.902 W
		Grid Convergence:	0.46 °

Well	#701H		
Well Position	+N/-S	333.0 usft	Northing:
	+E/-W	890.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 8' 20.953 N
		Longitude:	103° 27' 44.520 W
		Ground Level:	3,333.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	1/26/2015	7.16
			Dip Angle
			60.03
			Field Strength
			48,146

Design	Plan #3		
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
			357.82

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	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,915.4	4.15	201.95	4,915.0	-14.0	-5.6	1.00	1.00	0.00	201.95	
11,974.9	4.15	201.95	11,956.0	-488.3	-196.7	0.00	0.00	0.00	0.00	
12,923.3	91.00	359.56	12,567.0	93.2	-218.4	10.00	9.16	16.62	157.54	
19,966.4	91.00	359.56	12,444.1	7,135.0	-272.0	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 27 NME)
Site: Osprey 10
Well: #701H
Wellbore: OH
Design: Plan #3

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3358.0usft
MD Reference: KB = 25 @ 3358.0usft
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	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	1.00	201.95	4,600.0	-0.8	-0.3	-0.8	1.00	1.00	0.00
4,700.0	2.00	201.95	4,700.0	-3.2	-1.3	-3.2	1.00	1.00	0.00
4,800.0	3.00	201.95	4,799.9	-7.3	-2.9	-7.2	1.00	1.00	0.00
4,900.0	4.00	201.95	4,899.7	-12.9	-5.2	-12.7	1.00	1.00	0.00
4,915.4	4.15	201.95	4,915.0	-14.0	-5.6	-13.7	1.00	1.00	0.00
5,000.0	4.15	201.95	4,999.4	-19.6	-7.9	-19.3	0.00	0.00	0.00
5,100.0	4.15	201.95	5,099.2	-26.4	-10.6	-25.9	0.00	0.00	0.00
5,200.0	4.15	201.95	5,198.9	-33.1	-13.3	-32.6	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 27 NME)
Site: Osprey 10
Well: #701H
Wellbore: OH
Design: Plan #3

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3358.0usft
MD Reference: KB = 25 @ 3358.0usft
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	4.15	201.95	5,298.6	-39.8	-16.0	-39.2	0.00	0.00	0.00
5,400.0	4.15	201.95	5,398.4	-46.5	-18.7	-45.8	0.00	0.00	0.00
5,500.0	4.15	201.95	5,498.1	-53.2	-21.5	-52.4	0.00	0.00	0.00
5,600.0	4.15	201.95	5,597.8	-60.0	-24.2	-59.0	0.00	0.00	0.00
5,700.0	4.15	201.95	5,697.6	-66.7	-26.9	-65.6	0.00	0.00	0.00
5,800.0	4.15	201.95	5,797.3	-73.4	-29.6	-72.2	0.00	0.00	0.00
5,900.0	4.15	201.95	5,897.0	-80.1	-32.3	-78.8	0.00	0.00	0.00
6,000.0	4.15	201.95	5,996.8	-86.8	-35.0	-85.4	0.00	0.00	0.00
6,100.0	4.15	201.95	6,096.5	-93.6	-37.7	-92.1	0.00	0.00	0.00
6,200.0	4.15	201.95	6,196.3	-100.3	-40.4	-98.7	0.00	0.00	0.00
6,300.0	4.15	201.95	6,296.0	-107.0	-43.1	-105.3	0.00	0.00	0.00
6,400.0	4.15	201.95	6,395.7	-113.7	-45.8	-111.9	0.00	0.00	0.00
6,500.0	4.15	201.95	6,495.5	-120.4	-48.5	-118.5	0.00	0.00	0.00
6,600.0	4.15	201.95	6,595.2	-127.1	-51.2	-125.1	0.00	0.00	0.00
6,700.0	4.15	201.95	6,694.9	-133.9	-53.9	-131.7	0.00	0.00	0.00
6,800.0	4.15	201.95	6,794.7	-140.6	-56.6	-138.3	0.00	0.00	0.00
6,900.0	4.15	201.95	6,894.4	-147.3	-59.4	-144.9	0.00	0.00	0.00
7,000.0	4.15	201.95	6,994.2	-154.0	-62.1	-151.5	0.00	0.00	0.00
7,100.0	4.15	201.95	7,093.9	-160.7	-64.8	-158.2	0.00	0.00	0.00
7,200.0	4.15	201.95	7,193.6	-167.5	-67.5	-164.8	0.00	0.00	0.00
7,300.0	4.15	201.95	7,293.4	-174.2	-70.2	-171.4	0.00	0.00	0.00
7,400.0	4.15	201.95	7,393.1	-180.9	-72.9	-178.0	0.00	0.00	0.00
7,500.0	4.15	201.95	7,492.8	-187.6	-75.6	-184.6	0.00	0.00	0.00
7,600.0	4.15	201.95	7,592.6	-194.3	-78.3	-191.2	0.00	0.00	0.00
7,700.0	4.15	201.95	7,692.3	-201.1	-81.0	-197.8	0.00	0.00	0.00
7,800.0	4.15	201.95	7,792.1	-207.8	-83.7	-204.4	0.00	0.00	0.00
7,900.0	4.15	201.95	7,891.8	-214.5	-86.4	-211.0	0.00	0.00	0.00
8,000.0	4.15	201.95	7,991.5	-221.2	-89.1	-217.7	0.00	0.00	0.00
8,100.0	4.15	201.95	8,091.3	-227.9	-91.8	-224.3	0.00	0.00	0.00
8,200.0	4.15	201.95	8,191.0	-234.7	-94.5	-230.9	0.00	0.00	0.00
8,300.0	4.15	201.95	8,290.7	-241.4	-97.3	-237.5	0.00	0.00	0.00
8,400.0	4.15	201.95	8,390.5	-248.1	-100.0	-244.1	0.00	0.00	0.00
8,500.0	4.15	201.95	8,490.2	-254.8	-102.7	-250.7	0.00	0.00	0.00
8,600.0	4.15	201.95	8,590.0	-261.5	-105.4	-257.3	0.00	0.00	0.00
8,700.0	4.15	201.95	8,689.7	-268.2	-108.1	-263.9	0.00	0.00	0.00
8,800.0	4.15	201.95	8,789.4	-275.0	-110.8	-270.5	0.00	0.00	0.00
8,900.0	4.15	201.95	8,889.2	-281.7	-113.5	-277.2	0.00	0.00	0.00
9,000.0	4.15	201.95	8,988.9	-288.4	-116.2	-283.8	0.00	0.00	0.00
9,100.0	4.15	201.95	9,088.6	-295.1	-118.9	-290.4	0.00	0.00	0.00
9,200.0	4.15	201.95	9,188.4	-301.8	-121.6	-297.0	0.00	0.00	0.00
9,300.0	4.15	201.95	9,288.1	-308.6	-124.3	-303.6	0.00	0.00	0.00
9,400.0	4.15	201.95	9,387.9	-315.3	-127.0	-310.2	0.00	0.00	0.00
9,500.0	4.15	201.95	9,487.6	-322.0	-129.7	-316.8	0.00	0.00	0.00
9,600.0	4.15	201.95	9,587.3	-328.7	-132.4	-323.4	0.00	0.00	0.00
9,700.0	4.15	201.95	9,687.1	-335.4	-135.2	-330.0	0.00	0.00	0.00
9,800.0	4.15	201.95	9,786.8	-342.2	-137.9	-336.7	0.00	0.00	0.00
9,900.0	4.15	201.95	9,886.5	-348.9	-140.6	-343.3	0.00	0.00	0.00
10,000.0	4.15	201.95	9,986.3	-355.6	-143.3	-349.9	0.00	0.00	0.00
10,100.0	4.15	201.95	10,086.0	-362.3	-146.0	-356.5	0.00	0.00	0.00
10,200.0	4.15	201.95	10,185.8	-369.0	-148.7	-363.1	0.00	0.00	0.00
10,300.0	4.15	201.95	10,285.5	-375.8	-151.4	-369.7	0.00	0.00	0.00
10,400.0	4.15	201.95	10,385.2	-382.5	-154.1	-376.3	0.00	0.00	0.00
10,500.0	4.15	201.95	10,485.0	-389.2	-156.8	-382.9	0.00	0.00	0.00
10,600.0	4.15	201.95	10,584.7	-395.9	-159.5	-389.5	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 27 NME)
Site: Osprey 10
Well: #701H
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Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3358.0usft
MD Reference: KB = 25 @ 3358.0usft
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	4.15	201.95	10,684.4	-402.6	-162.2	-396.2	0.00	0.00	0.00
10,800.0	4.15	201.95	10,784.2	-409.3	-164.9	-402.8	0.00	0.00	0.00
10,900.0	4.15	201.95	10,883.9	-416.1	-167.6	-409.4	0.00	0.00	0.00
11,000.0	4.15	201.95	10,983.7	-422.8	-170.3	-416.0	0.00	0.00	0.00
11,100.0	4.15	201.95	11,083.4	-429.5	-173.1	-422.6	0.00	0.00	0.00
11,200.0	4.15	201.95	11,183.1	-436.2	-175.8	-429.2	0.00	0.00	0.00
11,300.0	4.15	201.95	11,282.9	-442.9	-178.5	-435.8	0.00	0.00	0.00
11,400.0	4.15	201.95	11,382.6	-449.7	-181.2	-442.4	0.00	0.00	0.00
11,500.0	4.15	201.95	11,482.3	-456.4	-183.9	-449.0	0.00	0.00	0.00
11,600.0	4.15	201.95	11,582.1	-463.1	-186.6	-455.7	0.00	0.00	0.00
11,700.0	4.15	201.95	11,681.8	-469.8	-189.3	-462.3	0.00	0.00	0.00
11,800.0	4.15	201.95	11,781.5	-476.5	-192.0	-468.9	0.00	0.00	0.00
11,900.0	4.15	201.95	11,881.3	-483.3	-194.7	-475.5	0.00	0.00	0.00
11,974.9	4.15	201.95	11,956.0	-488.3	-196.7	-480.4	0.00	0.00	0.00
12,000.0	2.07	229.50	11,981.1	-489.4	-197.4	-481.6	10.00	-8.31	109.88
12,050.0	4.00	336.18	12,031.0	-488.4	-198.8	-480.5	10.00	3.85	213.37
12,100.0	8.81	349.25	12,080.7	-483.1	-200.2	-475.1	10.00	9.63	26.12
12,150.0	13.76	353.04	12,129.7	-473.4	-201.7	-465.4	10.00	9.89	7.59
12,200.0	18.73	354.85	12,177.7	-459.5	-203.1	-451.4	10.00	9.95	3.62
12,250.0	23.72	355.92	12,224.3	-441.4	-204.5	-433.3	10.00	9.97	2.14
12,300.0	28.71	356.64	12,269.1	-419.4	-206.0	-411.3	10.00	9.98	1.43
12,350.0	33.70	357.16	12,311.9	-393.6	-207.4	-385.4	10.00	9.99	1.04
12,400.0	38.70	357.56	12,352.2	-364.1	-208.7	-355.9	10.00	9.99	0.80
12,450.0	43.69	357.88	12,389.8	-331.2	-210.0	-322.9	10.00	9.99	0.64
12,500.0	48.69	358.14	12,424.4	-295.1	-211.3	-286.9	10.00	9.99	0.53
12,550.0	53.68	358.37	12,455.8	-256.2	-212.5	-247.9	10.00	9.99	0.46
12,600.0	58.68	358.57	12,483.6	-214.7	-213.6	-206.4	10.00	9.99	0.40
12,637.4	62.42	358.71	12,502.0	-182.2	-214.3	-173.9	10.00	9.99	0.37
FTP (Osprey 10 #701H)									
12,650.0	63.68	358.75	12,507.7	-170.9	-214.6	-162.6	10.00	10.00	0.35
12,700.0	68.68	358.92	12,527.9	-125.2	-215.5	-116.9	10.00	10.00	0.33
12,750.0	73.67	359.07	12,544.0	-77.9	-216.3	-69.6	10.00	10.00	0.31
12,800.0	78.67	359.22	12,555.9	-29.4	-217.1	-21.1	10.00	10.00	0.29
12,850.0	83.67	359.36	12,563.6	20.0	-217.7	28.3	10.00	10.00	0.28
12,900.0	88.67	359.50	12,567.0	69.9	-218.2	78.2	10.00	10.00	0.28
12,923.3	91.00	359.56	12,567.0	93.2	-218.4	101.5	10.00	10.00	0.28
13,000.0	91.00	359.56	12,565.7	169.9	-219.0	178.1	0.00	0.00	0.00
13,100.0	91.00	359.56	12,563.9	269.9	-219.7	278.0	0.00	0.00	0.00
13,200.0	91.00	359.56	12,562.2	369.9	-220.5	378.0	0.00	0.00	0.00
13,300.0	91.00	359.56	12,560.4	469.8	-221.2	477.9	0.00	0.00	0.00
13,400.0	91.00	359.56	12,558.7	569.8	-222.0	577.9	0.00	0.00	0.00
13,500.0	91.00	359.56	12,557.0	669.8	-222.8	677.8	0.00	0.00	0.00
13,600.0	91.00	359.56	12,555.2	769.8	-223.5	777.7	0.00	0.00	0.00
13,700.0	91.00	359.56	12,553.5	869.8	-224.3	877.7	0.00	0.00	0.00
13,800.0	91.00	359.56	12,551.7	969.7	-225.0	977.6	0.00	0.00	0.00
13,900.0	91.00	359.56	12,550.0	1,069.7	-225.8	1,077.6	0.00	0.00	0.00
14,000.0	91.00	359.56	12,548.2	1,169.7	-226.6	1,177.5	0.00	0.00	0.00
14,100.0	91.00	359.56	12,546.5	1,269.7	-227.3	1,277.4	0.00	0.00	0.00
14,200.0	91.00	359.56	12,544.7	1,369.7	-228.1	1,377.4	0.00	0.00	0.00
14,300.0	91.00	359.56	12,543.0	1,469.7	-228.9	1,477.3	0.00	0.00	0.00
14,398.7	91.00	359.56	12,541.3	1,568.3	-229.6	1,576.0	0.00	0.00	0.00
TGT#2 (Osprey 10 #701H)									
14,400.0	91.00	359.56	12,541.2	1,569.6	-229.6	1,577.2	0.00	0.00	0.00
14,500.0	91.00	359.56	12,539.5	1,669.6	-230.4	1,677.2	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 27 NME)
Site: Osprey 10
Well: #701H
Wellbore: OH
Design: Plan #3

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

Well #701H
KB = 25 @ 3358.0usft
KB = 25 @ 3358.0usft
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)
14,600.0	91.00	359.56	12,537.8	1,769.6	-231.1	1,777.1	0.00	0.00	0.00
14,700.0	91.00	359.56	12,536.0	1,869.6	-231.9	1,877.1	0.00	0.00	0.00
14,800.0	91.00	359.56	12,534.3	1,969.6	-232.7	1,977.0	0.00	0.00	0.00
14,900.0	91.00	359.56	12,532.5	2,069.5	-233.4	2,076.9	0.00	0.00	0.00
15,000.0	91.00	359.56	12,530.8	2,169.5	-234.2	2,176.9	0.00	0.00	0.00
15,100.0	91.00	359.56	12,529.0	2,269.5	-234.9	2,276.8	0.00	0.00	0.00
15,200.0	91.00	359.56	12,527.3	2,369.5	-235.7	2,376.7	0.00	0.00	0.00
15,300.0	91.00	359.56	12,525.5	2,469.5	-236.5	2,476.7	0.00	0.00	0.00
15,400.0	91.00	359.56	12,523.8	2,569.5	-237.2	2,576.6	0.00	0.00	0.00
15,500.0	91.00	359.56	12,522.0	2,669.4	-238.0	2,676.6	0.00	0.00	0.00
15,600.0	91.00	359.56	12,520.3	2,769.4	-238.8	2,776.5	0.00	0.00	0.00
15,700.0	91.00	359.56	12,518.6	2,869.4	-239.5	2,876.4	0.00	0.00	0.00
15,800.0	91.00	359.56	12,516.8	2,969.4	-240.3	2,976.4	0.00	0.00	0.00
15,900.0	91.00	359.56	12,515.1	3,069.4	-241.0	3,076.3	0.00	0.00	0.00
16,000.0	91.00	359.56	12,513.3	3,169.3	-241.8	3,176.3	0.00	0.00	0.00
16,100.0	91.00	359.56	12,511.6	3,269.3	-242.6	3,276.2	0.00	0.00	0.00
16,200.0	91.00	359.56	12,509.8	3,369.3	-243.3	3,376.1	0.00	0.00	0.00
16,213.4	91.00	359.56	12,509.6	3,382.8	-243.4	3,389.6	0.00	0.00	0.00
TGT#1 (Osprey 10 #701H)									
16,300.0	91.00	359.56	12,508.1	3,469.3	-244.1	3,476.1	0.00	0.00	0.00
16,400.0	91.00	359.56	12,506.3	3,569.3	-244.8	3,576.0	0.00	0.00	0.00
16,500.0	91.00	359.56	12,504.6	3,669.3	-245.6	3,675.9	0.00	0.00	0.00
16,600.0	91.00	359.56	12,502.9	3,769.2	-246.4	3,775.9	0.00	0.00	0.00
16,700.0	91.00	359.56	12,501.1	3,869.2	-247.1	3,875.8	0.00	0.00	0.00
16,800.0	91.00	359.56	12,499.4	3,969.2	-247.9	3,975.8	0.00	0.00	0.00
16,900.0	91.00	359.56	12,497.6	4,069.2	-248.7	4,075.7	0.00	0.00	0.00
17,000.0	91.00	359.56	12,495.9	4,169.2	-249.4	4,175.6	0.00	0.00	0.00
17,100.0	91.00	359.56	12,494.1	4,269.1	-250.2	4,275.6	0.00	0.00	0.00
17,200.0	91.00	359.56	12,492.4	4,369.1	-250.9	4,375.5	0.00	0.00	0.00
17,300.0	91.00	359.56	12,490.6	4,469.1	-251.7	4,475.5	0.00	0.00	0.00
17,400.0	91.00	359.56	12,488.9	4,569.1	-252.5	4,575.4	0.00	0.00	0.00
17,500.0	91.00	359.56	12,487.1	4,669.1	-253.2	4,675.3	0.00	0.00	0.00
17,600.0	91.00	359.56	12,485.4	4,769.1	-254.0	4,775.3	0.00	0.00	0.00
17,700.0	91.00	359.56	12,483.7	4,869.0	-254.7	4,875.2	0.00	0.00	0.00
17,800.0	91.00	359.56	12,481.9	4,969.0	-255.5	4,975.1	0.00	0.00	0.00
17,900.0	91.00	359.56	12,480.2	5,069.0	-256.3	5,075.1	0.00	0.00	0.00
18,000.0	91.00	359.56	12,478.4	5,169.0	-257.0	5,175.0	0.00	0.00	0.00
18,100.0	91.00	359.56	12,476.7	5,269.0	-257.8	5,275.0	0.00	0.00	0.00
18,200.0	91.00	359.56	12,474.9	5,368.9	-258.5	5,374.9	0.00	0.00	0.00
18,300.0	91.00	359.56	12,473.2	5,468.9	-259.3	5,474.8	0.00	0.00	0.00
18,400.0	91.00	359.56	12,471.4	5,568.9	-260.1	5,574.8	0.00	0.00	0.00
18,500.0	91.00	359.56	12,469.7	5,668.9	-260.8	5,674.7	0.00	0.00	0.00
18,600.0	91.00	359.56	12,467.9	5,768.9	-261.6	5,774.7	0.00	0.00	0.00
18,700.0	91.00	359.56	12,466.2	5,868.9	-262.4	5,874.6	0.00	0.00	0.00
18,800.0	91.00	359.56	12,464.5	5,968.8	-263.1	5,974.5	0.00	0.00	0.00
18,900.0	91.00	359.56	12,462.7	6,068.8	-263.9	6,074.5	0.00	0.00	0.00
19,000.0	91.00	359.56	12,461.0	6,168.8	-264.6	6,174.4	0.00	0.00	0.00
19,100.0	91.00	359.56	12,459.2	6,268.8	-265.4	6,274.3	0.00	0.00	0.00
19,200.0	91.00	359.56	12,457.5	6,368.8	-266.2	6,374.3	0.00	0.00	0.00
19,300.0	91.00	359.56	12,455.7	6,468.7	-266.9	6,474.2	0.00	0.00	0.00
19,400.0	91.00	359.56	12,454.0	6,568.7	-267.7	6,574.2	0.00	0.00	0.00
19,500.0	91.00	359.56	12,452.2	6,668.7	-268.4	6,674.1	0.00	0.00	0.00
19,600.0	91.00	359.56	12,450.5	6,768.7	-269.2	6,774.0	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

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Site: Osprey 10
Well: #701H
Wellbore: OH
Design: Plan #3

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3358.0usft
MD Reference: KB = 25 @ 3358.0usft
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)
19,700.0	91.00	359.56	12,448.7	6,868.7	-270.0	6,874.0	0.00	0.00	0.00
19,800.0	91.00	359.56	12,447.0	6,968.7	-270.7	6,973.9	0.00	0.00	0.00
19,900.0	91.00	359.56	12,445.3	7,068.6	-271.5	7,073.8	0.00	0.00	0.00
19,966.4	91.00	359.56	12,444.1	7,135.0	-272.0	7,140.2	0.00	0.00	0.00
PBHL (Osprey 10 #701H)									

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 (Osprey 10 #701H) - plan hits target center - Point	90.00	179.63	12,444.1	7,135.0	-272.0	422,571.00	769,319.00	32° 9' 31.578 N	103° 27' 47.013 W
FTP (Osprey 10 #701H) - plan misses target center by 74.3usft at 12637.4usft MD (12502.0 TVD, -182.2 N, -214.3 E) - Point	0.00	0.00	12,567.0	-218.0	-216.0	415,218.00	769,375.00	32° 8' 18.813 N	103° 27' 47.053 W