



Lea County, NM (NAD 83 NME)

Osprey 10 #704H

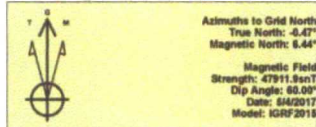
Plan #0.1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Elevation: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #704H

Ground Level: 3334.0
KB = 25' @ 3359.0usft
Northing: 416094.00 Easting: 811716.00 Latitude: 32° 8' 17.369 N Longitude: 103° 27' 35.340 W



To convert a Magnetic Direction to a Grid Direction, Add 6.44°
To convert a Magnetic Direction to a True Direction, Add 6.91° East
To convert a True Direction to a Grid Direction, Subtract 0.46°

SECTION DETAILS

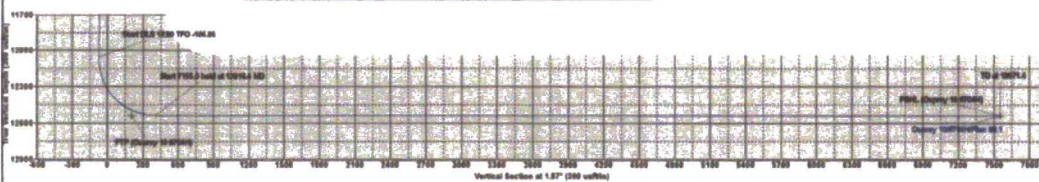
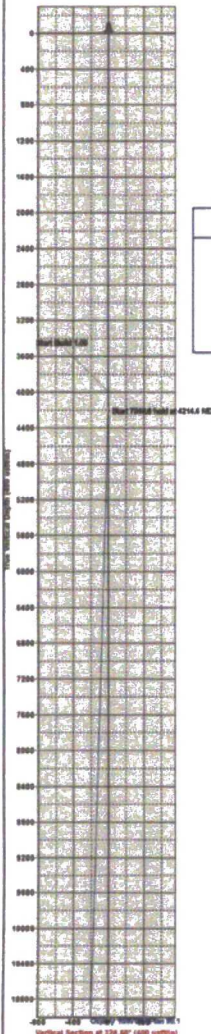
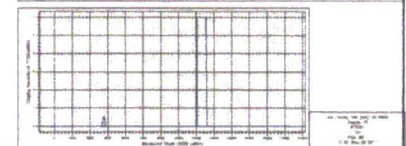
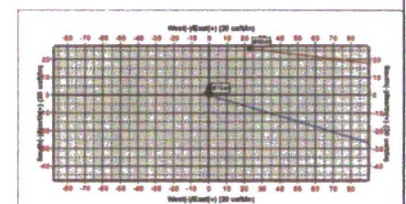
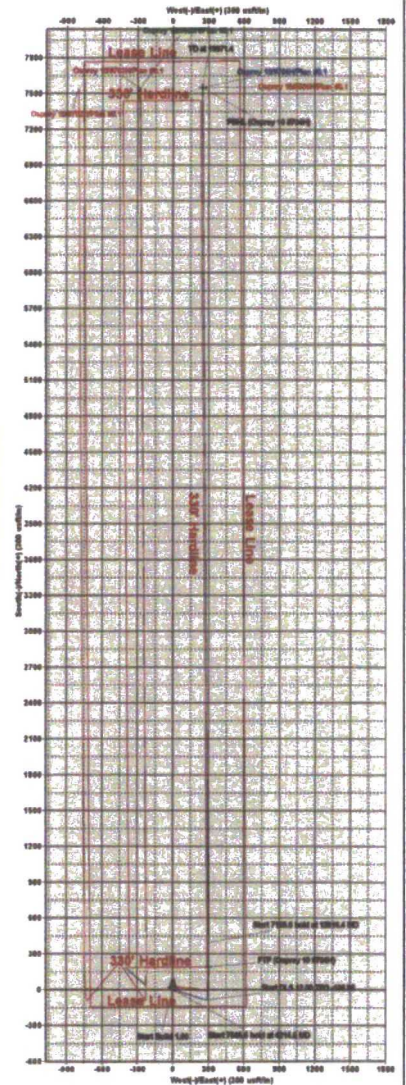
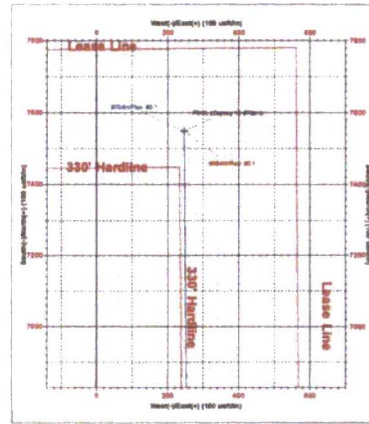
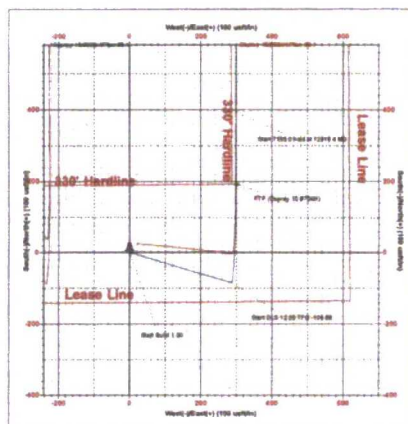
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0	
3	4214.6	2.15	106.45	4214.6	-1.1	3.9	1.00	106.45	-1.0	
4	12061.2	2.15	106.45	12055.7	-84.4	285.7	0.00	0.00	-75.0	
5	12816.4	90.00	359.58	12536.0	393.2	299.4	12.00	-106.86	402.8	
6	19971.4	90.00	359.58	12536.0	7548.0	247.0	0.00	0.00	7552.0	PBHL (Osprey 10 #704H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
F7P (Osprey 10 #704H)	12536.0	192.0	391.0	416206.00	812016.00
PBHL (Osprey 10 #704H)	12536.0	7548.0	247.0	422942.00	811962.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Osprey 10

#704H

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: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference: KB = 25' @ 3359.0usft
MD Reference: KB = 25' @ 3359.0usft
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	#704H					
Well Position	+N/-S	-185.0 usft	Northing:	415,094.00 usft	Latitude:	32° 8' 17.369 N
	+E/-W	400.0 usft	Easting:	811,715.00 usft	Longitude:	103° 27' 35.340 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,334.0 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	1.87	

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	
4,214.6	2.15	106.45	4,214.6	-1.1	3.9	1.00	1.00	0.00	106.45	
12,061.2	2.15	106.45	12,055.7	-84.4	285.7	0.00	0.00	0.00	0.00	
12,816.4	90.00	359.58	12,538.0	393.2	299.4	12.00	11.63	-14.15	-106.86	
19,971.4	90.00	359.58	12,538.0	7,548.0	247.0	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: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
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	106.45	4,100.0	-0.2	0.8	-0.2	1.00	1.00	0.00
4,200.0	2.00	106.45	4,200.0	-1.0	3.3	-0.9	1.00	1.00	0.00
4,214.6	2.15	106.45	4,214.6	-1.1	3.9	-1.0	1.00	1.00	0.00
4,300.0	2.15	106.45	4,299.9	-2.0	6.9	-1.8	0.00	0.00	0.00
4,400.0	2.15	106.45	4,399.8	-3.1	10.5	-2.8	0.00	0.00	0.00
4,500.0	2.15	106.45	4,499.7	-4.2	14.1	-3.7	0.00	0.00	0.00
4,600.0	2.15	106.45	4,599.7	-5.2	17.7	-4.6	0.00	0.00	0.00
4,700.0	2.15	106.45	4,699.6	-6.3	21.3	-5.6	0.00	0.00	0.00
4,800.0	2.15	106.45	4,799.5	-7.3	24.9	-6.5	0.00	0.00	0.00
4,900.0	2.15	106.45	4,899.5	-8.4	28.5	-7.5	0.00	0.00	0.00
5,000.0	2.15	106.45	4,999.4	-9.5	32.1	-8.4	0.00	0.00	0.00
5,100.0	2.15	106.45	5,099.3	-10.5	35.7	-9.4	0.00	0.00	0.00
5,200.0	2.15	106.45	5,199.3	-11.6	39.2	-10.3	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

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Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Osprey 10
Well: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
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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	2.15	106.45	5,299.2	-12.6	42.8	-11.2	0.00	0.00	0.00
5,400.0	2.15	106.45	5,399.1	-13.7	46.4	-12.2	0.00	0.00	0.00
5,500.0	2.15	106.45	5,499.0	-14.8	50.0	-13.1	0.00	0.00	0.00
5,600.0	2.15	106.45	5,599.0	-15.8	53.6	-14.1	0.00	0.00	0.00
5,700.0	2.15	106.45	5,698.9	-16.9	57.2	-15.0	0.00	0.00	0.00
5,800.0	2.15	106.45	5,798.8	-18.0	60.8	-16.0	0.00	0.00	0.00
5,900.0	2.15	106.45	5,898.8	-19.0	64.4	-16.9	0.00	0.00	0.00
6,000.0	2.15	106.45	5,998.7	-20.1	68.0	-17.8	0.00	0.00	0.00
6,100.0	2.15	106.45	6,098.6	-21.1	71.6	-18.8	0.00	0.00	0.00
6,200.0	2.15	106.45	6,198.6	-22.2	75.2	-19.7	0.00	0.00	0.00
6,300.0	2.15	106.45	6,298.5	-23.3	78.7	-20.7	0.00	0.00	0.00
6,400.0	2.15	106.45	6,398.4	-24.3	82.3	-21.6	0.00	0.00	0.00
6,500.0	2.15	106.45	6,498.3	-25.4	85.9	-22.6	0.00	0.00	0.00
6,600.0	2.15	106.45	6,598.3	-26.4	89.5	-23.5	0.00	0.00	0.00
6,700.0	2.15	106.45	6,698.2	-27.5	93.1	-24.4	0.00	0.00	0.00
6,800.0	2.15	106.45	6,798.1	-28.6	96.7	-25.4	0.00	0.00	0.00
6,900.0	2.15	106.45	6,898.1	-29.6	100.3	-26.3	0.00	0.00	0.00
7,000.0	2.15	106.45	6,998.0	-30.7	103.9	-27.3	0.00	0.00	0.00
7,100.0	2.15	106.45	7,097.9	-31.7	107.5	-28.2	0.00	0.00	0.00
7,200.0	2.15	106.45	7,197.9	-32.8	111.1	-29.2	0.00	0.00	0.00
7,300.0	2.15	106.45	7,297.8	-33.9	114.7	-30.1	0.00	0.00	0.00
7,400.0	2.15	106.45	7,397.7	-34.9	118.3	-31.0	0.00	0.00	0.00
7,500.0	2.15	106.45	7,497.6	-36.0	121.8	-32.0	0.00	0.00	0.00
7,600.0	2.15	106.45	7,597.6	-37.0	125.4	-32.9	0.00	0.00	0.00
7,700.0	2.15	106.45	7,697.5	-38.1	129.0	-33.9	0.00	0.00	0.00
7,800.0	2.15	106.45	7,797.4	-39.2	132.6	-34.8	0.00	0.00	0.00
7,900.0	2.15	106.45	7,897.4	-40.2	136.2	-35.7	0.00	0.00	0.00
8,000.0	2.15	106.45	7,997.3	-41.3	139.8	-36.7	0.00	0.00	0.00
8,100.0	2.15	106.45	8,097.2	-42.3	143.4	-37.6	0.00	0.00	0.00
8,200.0	2.15	106.45	8,197.2	-43.4	147.0	-38.6	0.00	0.00	0.00
8,300.0	2.15	106.45	8,297.1	-44.5	150.6	-39.5	0.00	0.00	0.00
8,400.0	2.15	106.45	8,397.0	-45.5	154.2	-40.5	0.00	0.00	0.00
8,500.0	2.15	106.45	8,496.9	-46.6	157.8	-41.4	0.00	0.00	0.00
8,600.0	2.15	106.45	8,596.9	-47.6	161.3	-42.3	0.00	0.00	0.00
8,700.0	2.15	106.45	8,696.8	-48.7	164.9	-43.3	0.00	0.00	0.00
8,800.0	2.15	106.45	8,796.7	-49.8	168.5	-44.2	0.00	0.00	0.00
8,900.0	2.15	106.45	8,896.7	-50.8	172.1	-45.2	0.00	0.00	0.00
9,000.0	2.15	106.45	8,996.6	-51.9	175.7	-46.1	0.00	0.00	0.00
9,100.0	2.15	106.45	9,096.5	-53.0	179.3	-47.1	0.00	0.00	0.00
9,200.0	2.15	106.45	9,196.5	-54.0	182.9	-48.0	0.00	0.00	0.00
9,300.0	2.15	106.45	9,296.4	-55.1	186.5	-48.9	0.00	0.00	0.00
9,400.0	2.15	106.45	9,396.3	-56.1	190.1	-49.9	0.00	0.00	0.00
9,500.0	2.15	106.45	9,496.2	-57.2	193.7	-50.8	0.00	0.00	0.00
9,600.0	2.15	106.45	9,596.2	-58.3	197.3	-51.8	0.00	0.00	0.00
9,700.0	2.15	106.45	9,696.1	-59.3	200.9	-52.7	0.00	0.00	0.00
9,800.0	2.15	106.45	9,796.0	-60.4	204.4	-53.7	0.00	0.00	0.00
9,900.0	2.15	106.45	9,896.0	-61.4	208.0	-54.6	0.00	0.00	0.00
10,000.0	2.15	106.45	9,995.9	-62.5	211.6	-55.5	0.00	0.00	0.00
10,100.0	2.15	106.45	10,095.8	-63.6	215.2	-56.5	0.00	0.00	0.00
10,200.0	2.15	106.45	10,195.8	-64.6	218.8	-57.4	0.00	0.00	0.00
10,300.0	2.15	106.45	10,295.7	-65.7	222.4	-58.4	0.00	0.00	0.00
10,400.0	2.15	106.45	10,395.6	-66.7	226.0	-59.3	0.00	0.00	0.00
10,500.0	2.15	106.45	10,495.5	-67.8	229.6	-60.3	0.00	0.00	0.00
10,600.0	2.15	106.45	10,595.5	-68.9	233.2	-61.2	0.00	0.00	0.00



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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	2.15	106.45	10,695.4	-69.9	236.8	-62.1	0.00	0.00	0.00
10,800.0	2.15	106.45	10,795.3	-71.0	240.4	-63.1	0.00	0.00	0.00
10,900.0	2.15	106.45	10,895.3	-72.0	243.9	-64.0	0.00	0.00	0.00
11,000.0	2.15	106.45	10,995.2	-73.1	247.5	-65.0	0.00	0.00	0.00
11,100.0	2.15	106.45	11,095.1	-74.2	251.1	-65.9	0.00	0.00	0.00
11,200.0	2.15	106.45	11,195.1	-75.2	254.7	-66.9	0.00	0.00	0.00
11,300.0	2.15	106.45	11,295.0	-76.3	258.3	-67.8	0.00	0.00	0.00
11,400.0	2.15	106.45	11,394.9	-77.3	261.9	-68.7	0.00	0.00	0.00
11,500.0	2.15	106.45	11,494.8	-78.4	265.5	-69.7	0.00	0.00	0.00
11,600.0	2.15	106.45	11,594.8	-79.5	269.1	-70.6	0.00	0.00	0.00
11,700.0	2.15	106.45	11,694.7	-80.5	272.7	-71.6	0.00	0.00	0.00
11,800.0	2.15	106.45	11,794.6	-81.6	276.3	-72.5	0.00	0.00	0.00
11,900.0	2.15	106.45	11,894.6	-82.6	279.9	-73.5	0.00	0.00	0.00
12,000.0	2.15	106.45	11,994.5	-83.7	283.5	-74.4	0.00	0.00	0.00
12,061.2	2.15	106.45	12,055.7	-84.4	285.7	-75.0	0.00	0.00	0.00
12,075.0	2.30	62.89	12,069.4	-84.3	286.1	-74.9	12.00	1.10	-315.88
12,100.0	4.52	26.53	12,094.4	-83.2	287.0	-73.8	12.00	8.90	-145.45
12,125.0	7.32	15.78	12,119.3	-80.8	287.9	-71.3	12.00	11.20	-43.00
12,150.0	10.24	11.03	12,144.0	-77.1	288.8	-67.6	12.00	11.65	-18.99
12,175.0	13.19	8.38	12,168.4	-72.1	289.6	-62.5	12.00	11.81	-10.60
12,200.0	16.16	6.69	12,192.6	-65.8	290.4	-56.2	12.00	11.88	-6.77
12,225.0	19.14	5.51	12,216.4	-58.2	291.2	-48.7	12.00	11.92	-4.71
12,250.0	22.12	4.64	12,239.8	-49.5	292.0	-39.9	12.00	11.94	-3.48
12,275.0	25.11	3.97	12,262.7	-39.5	292.7	-29.9	12.00	11.95	-2.69
12,300.0	28.10	3.43	12,285.1	-28.3	293.5	-18.7	12.00	11.96	-2.15
12,325.0	31.09	2.99	12,306.8	-16.0	294.2	-6.4	12.00	11.97	-1.77
12,350.0	34.09	2.62	12,327.9	-2.5	294.8	7.1	12.00	11.97	-1.49
12,375.0	37.08	2.30	12,348.2	12.0	295.4	21.6	12.00	11.98	-1.27
12,400.0	40.08	2.02	12,367.8	27.6	296.0	37.2	12.00	11.98	-1.11
12,425.0	43.07	1.78	12,386.5	44.1	296.6	53.8	12.00	11.98	-0.98
12,450.0	46.07	1.56	12,404.3	61.7	297.1	71.4	12.00	11.98	-0.87
12,475.0	49.06	1.36	12,421.1	80.1	297.6	89.8	12.00	11.99	-0.79
12,500.0	52.06	1.18	12,437.0	99.4	298.0	109.1	12.00	11.99	-0.72
12,525.0	55.06	1.02	12,451.9	119.5	298.4	129.2	12.00	11.99	-0.66
12,550.0	58.06	0.86	12,465.6	140.4	298.7	150.1	12.00	11.99	-0.62
12,575.0	61.05	0.72	12,478.3	161.9	299.0	171.6	12.00	11.99	-0.58
12,600.0	64.05	0.58	12,489.8	184.1	299.3	193.8	12.00	11.99	-0.55
12,625.0	67.05	0.45	12,500.2	206.9	299.5	216.6	12.00	11.99	-0.52
FTP (Osprey 10 #704H)									
12,650.0	70.05	0.33	12,509.3	230.1	299.6	239.8	12.00	11.99	-0.50
12,675.0	73.04	0.21	12,517.2	253.8	299.7	263.5	12.00	11.99	-0.48
12,700.0	76.04	0.09	12,523.9	277.9	299.8	287.6	12.00	11.99	-0.46
12,725.0	79.04	359.98	12,529.3	302.4	299.8	312.0	12.00	11.99	-0.45
12,750.0	82.04	359.87	12,533.4	327.0	299.8	336.6	12.00	11.99	-0.44
12,775.0	85.04	359.76	12,536.2	351.8	299.7	361.5	12.00	11.99	-0.44
12,800.0	88.03	359.65	12,537.7	376.8	299.6	386.4	12.00	11.99	-0.43
12,816.4	90.00	359.58	12,538.0	393.2	299.4	402.8	12.00	11.99	-0.43
12,900.0	90.00	359.58	12,538.0	476.8	298.8	486.3	0.00	0.00	0.00
13,000.0	90.00	359.58	12,538.0	576.8	298.1	586.2	0.00	0.00	0.00
13,100.0	90.00	359.58	12,538.0	676.8	297.4	686.1	0.00	0.00	0.00
13,200.0	90.00	359.58	12,538.0	776.8	296.6	786.1	0.00	0.00	0.00
13,300.0	90.00	359.58	12,538.0	876.8	295.9	886.0	0.00	0.00	0.00
13,400.0	90.00	359.58	12,538.0	976.8	295.2	985.9	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: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
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)
13,500.0	90.00	359.58	12,538.0	1,076.8	294.4	1,085.8	0.00	0.00	0.00
13,600.0	90.00	359.58	12,538.0	1,176.8	293.7	1,185.7	0.00	0.00	0.00
13,700.0	90.00	359.58	12,538.0	1,276.8	293.0	1,285.7	0.00	0.00	0.00
13,800.0	90.00	359.58	12,538.0	1,376.8	292.2	1,385.6	0.00	0.00	0.00
13,900.0	90.00	359.58	12,538.0	1,476.8	291.5	1,485.5	0.00	0.00	0.00
14,000.0	90.00	359.58	12,538.0	1,576.8	290.8	1,585.4	0.00	0.00	0.00
14,100.0	90.00	359.58	12,538.0	1,676.8	290.0	1,685.3	0.00	0.00	0.00
14,200.0	90.00	359.58	12,538.0	1,776.8	289.3	1,785.3	0.00	0.00	0.00
14,300.0	90.00	359.58	12,538.0	1,876.8	288.6	1,885.2	0.00	0.00	0.00
14,400.0	90.00	359.58	12,538.0	1,976.8	287.8	1,985.1	0.00	0.00	0.00
14,500.0	90.00	359.58	12,538.0	2,076.7	287.1	2,085.0	0.00	0.00	0.00
14,600.0	90.00	359.58	12,538.0	2,176.7	286.4	2,184.9	0.00	0.00	0.00
14,700.0	90.00	359.58	12,538.0	2,276.7	285.6	2,284.9	0.00	0.00	0.00
14,800.0	90.00	359.58	12,538.0	2,376.7	284.9	2,384.8	0.00	0.00	0.00
14,900.0	90.00	359.58	12,538.0	2,476.7	284.2	2,484.7	0.00	0.00	0.00
15,000.0	90.00	359.58	12,538.0	2,576.7	283.4	2,584.6	0.00	0.00	0.00
15,100.0	90.00	359.58	12,538.0	2,676.7	282.7	2,684.5	0.00	0.00	0.00
15,200.0	90.00	359.58	12,538.0	2,776.7	282.0	2,784.5	0.00	0.00	0.00
15,300.0	90.00	359.58	12,538.0	2,876.7	281.2	2,884.4	0.00	0.00	0.00
15,400.0	90.00	359.58	12,538.0	2,976.7	280.5	2,984.3	0.00	0.00	0.00
15,500.0	90.00	359.58	12,538.0	3,076.7	279.8	3,084.2	0.00	0.00	0.00
15,600.0	90.00	359.58	12,538.0	3,176.7	279.0	3,184.1	0.00	0.00	0.00
15,700.0	90.00	359.58	12,538.0	3,276.7	278.3	3,284.1	0.00	0.00	0.00
15,800.0	90.00	359.58	12,538.0	3,376.7	277.6	3,384.0	0.00	0.00	0.00
15,900.0	90.00	359.58	12,538.0	3,476.7	276.8	3,483.9	0.00	0.00	0.00
16,000.0	90.00	359.58	12,538.0	3,576.7	276.1	3,583.8	0.00	0.00	0.00
16,100.0	90.00	359.58	12,538.0	3,676.7	275.4	3,683.7	0.00	0.00	0.00
16,200.0	90.00	359.58	12,538.0	3,776.7	274.6	3,783.7	0.00	0.00	0.00
16,300.0	90.00	359.58	12,538.0	3,876.7	273.9	3,883.6	0.00	0.00	0.00
16,400.0	90.00	359.58	12,538.0	3,976.7	273.2	3,983.5	0.00	0.00	0.00
16,500.0	90.00	359.58	12,538.0	4,076.7	272.4	4,083.4	0.00	0.00	0.00
16,600.0	90.00	359.58	12,538.0	4,176.7	271.7	4,183.3	0.00	0.00	0.00
16,700.0	90.00	359.58	12,538.0	4,276.7	271.0	4,283.3	0.00	0.00	0.00
16,800.0	90.00	359.58	12,538.0	4,376.7	270.2	4,383.2	0.00	0.00	0.00
16,900.0	90.00	359.58	12,538.0	4,476.7	269.5	4,483.1	0.00	0.00	0.00
17,000.0	90.00	359.58	12,538.0	4,576.7	268.8	4,583.0	0.00	0.00	0.00
17,100.0	90.00	359.58	12,538.0	4,676.7	268.0	4,682.9	0.00	0.00	0.00
17,200.0	90.00	359.58	12,538.0	4,776.7	267.3	4,782.9	0.00	0.00	0.00
17,300.0	90.00	359.58	12,538.0	4,876.7	266.6	4,882.8	0.00	0.00	0.00
17,400.0	90.00	359.58	12,538.0	4,976.7	265.8	4,982.7	0.00	0.00	0.00
17,500.0	90.00	359.58	12,538.0	5,076.7	265.1	5,082.6	0.00	0.00	0.00
17,600.0	90.00	359.58	12,538.0	5,176.7	264.4	5,182.5	0.00	0.00	0.00
17,700.0	90.00	359.58	12,538.0	5,276.7	263.7	5,282.5	0.00	0.00	0.00
17,800.0	90.00	359.58	12,538.0	5,376.7	262.9	5,382.4	0.00	0.00	0.00
17,900.0	90.00	359.58	12,538.0	5,476.7	262.2	5,482.3	0.00	0.00	0.00
18,000.0	90.00	359.58	12,538.0	5,576.7	261.5	5,582.2	0.00	0.00	0.00
18,100.0	90.00	359.58	12,538.0	5,676.7	260.7	5,682.1	0.00	0.00	0.00
18,200.0	90.00	359.58	12,538.0	5,776.6	260.0	5,782.1	0.00	0.00	0.00
18,300.0	90.00	359.58	12,538.0	5,876.6	259.3	5,882.0	0.00	0.00	0.00
18,400.0	90.00	359.58	12,538.0	5,976.6	258.5	5,981.9	0.00	0.00	0.00
18,500.0	90.00	359.58	12,538.0	6,076.6	257.8	6,081.8	0.00	0.00	0.00
18,600.0	90.00	359.58	12,538.0	6,176.6	257.1	6,181.7	0.00	0.00	0.00
18,700.0	90.00	359.58	12,538.0	6,276.6	256.3	6,281.7	0.00	0.00	0.00
18,800.0	90.00	359.58	12,538.0	6,376.6	255.6	6,381.6	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

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Site: Osprey 10
Well: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
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)
18,900.0	90.00	359.58	12,538.0	6,476.6	254.9	6,481.5	0.00	0.00	0.00
19,000.0	90.00	359.58	12,538.0	6,576.6	254.1	6,581.4	0.00	0.00	0.00
19,100.0	90.00	359.58	12,538.0	6,676.6	253.4	6,681.3	0.00	0.00	0.00
19,200.0	90.00	359.58	12,538.0	6,776.6	252.7	6,781.3	0.00	0.00	0.00
19,300.0	90.00	359.58	12,538.0	6,876.6	251.9	6,881.2	0.00	0.00	0.00
19,400.0	90.00	359.58	12,538.0	6,976.6	251.2	6,981.1	0.00	0.00	0.00
19,500.0	90.00	359.58	12,538.0	7,076.6	250.5	7,081.0	0.00	0.00	0.00
19,600.0	90.00	359.58	12,538.0	7,176.6	249.7	7,180.9	0.00	0.00	0.00
19,700.0	90.00	359.58	12,538.0	7,276.6	249.0	7,280.9	0.00	0.00	0.00
19,800.0	90.00	359.58	12,538.0	7,376.6	248.3	7,380.8	0.00	0.00	0.00
19,900.0	90.00	359.58	12,538.0	7,476.6	247.5	7,480.7	0.00	0.00	0.00
19,971.4	90.00	359.58	12,538.0	7,548.0	247.0	7,552.0	0.00	0.00	0.00

PBHL (Osprey 10 #704H)

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
FTP (Osprey 10 #704H) - plan misses target center by 40.7usft at 12625.0usft MD (12500.2 TVD, 206.9 N, 299.5 E) - Point	0.00	0.00	12,538.0	192.0	301.0	415,286.00	812,016.00	32° 8' 19.244 N	103° 27' 31.821 W
PBHL (Osprey 10 #704H) - plan hits target center - Point	0.00	0.00	12,538.0	7,548.0	247.0	422,642.00	811,962.00	32° 9' 32.037 N	103° 27' 31.755 W