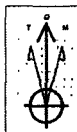




Lea County, NM (NAD 83 NME)
Della 29 Fed Com #606H
Plan #0.2

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



Azimuths to Grid North
True North: -0.40°
Magnetic North: 6.57°
Magnetic Field
Strength: 48112.0nT
Dip Angle: 60.35°
Date: 7/10/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.57°
To convert a Magnetic Direction to a True Direction, Add 9.97° East
To convert a True Direction to a Grid Direction, Subtract 9.40°

WELL DETAILS: #606H

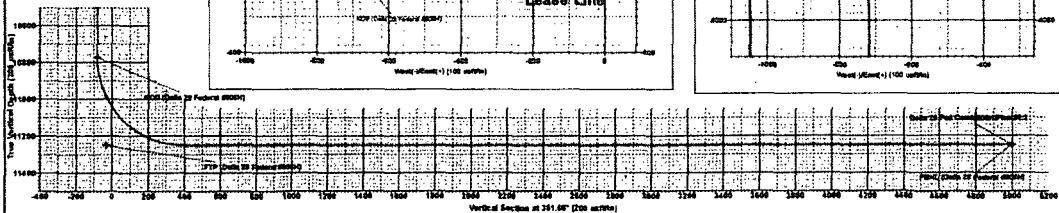
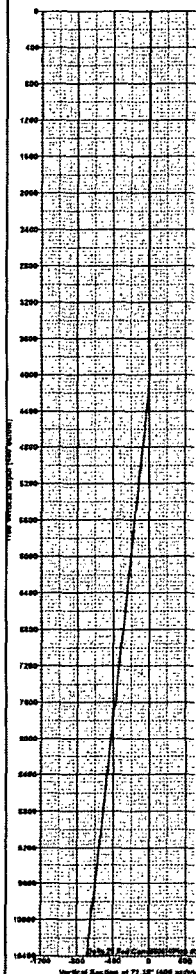
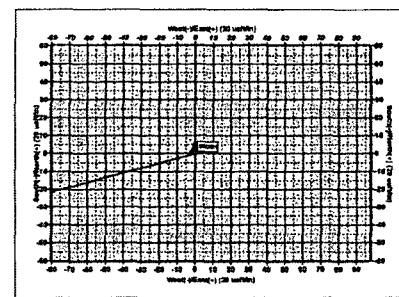
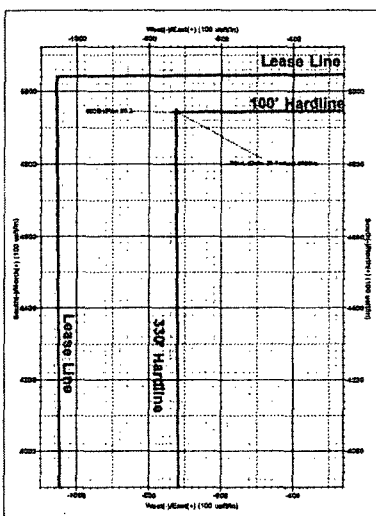
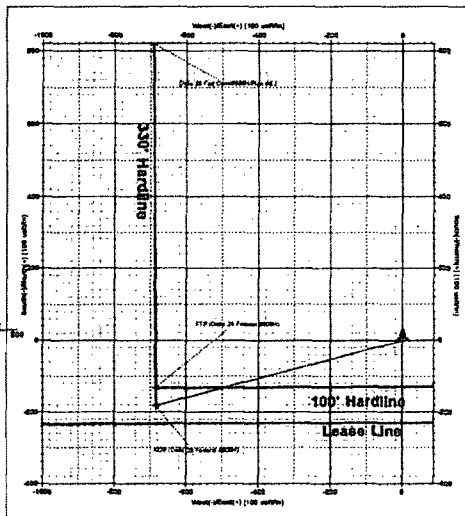
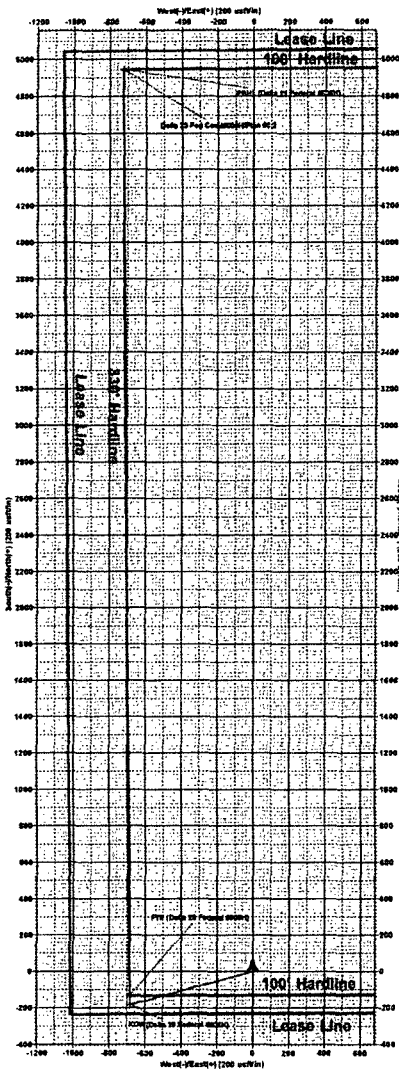
3709 0
XB = 25 @ 3734 Surf
+N-S +E-W Northing Easting Latitude Longitude Slot
0.0 0.0 560083.00 771111.00 32° 32' 15.09 N 103° 36' 15.615 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Diep	TFace	VSecl	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	4312.7	6.25	255.10	4312.0	-4.4	-16.5	2.00	255.10	-1.9	
4	10467.9	8.25	255.10	10460.5	-177.6	-667.5	0.00	0.00	-78.9	
5	10810.5	0.00	0.00	10772.5	-182.0	-684.0	2.00	180.00	-80.6	KOP (Della 29 Federal #606H)
6	11560.5	90.00	359.54	11250.0	295.4	-687.8	12.00	359.54	392.1	
7	16209.2	90.00	359.54	11250.0	4944.0	-725.0	0.00	0.00	4996.9	PBHL (Della 29 Federal #606H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting	Shape
KOP (Della 29 Federal #606H)	10772.6	-182.0	-684.0	58901.00	77627.00	Point
PTP (Della 29 Federal #606H)	11250.0	-132.0	-684.0	58961.00	77627.00	Point
PBHL (Della 29 Federal #606H)	11250.0	4944.0	-725.0	58927.00	770388.00	Point





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Della 29 Fed Com

#606H

OH

Plan: Plan #0.2

Standard Planning Report

10 September, 2018



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #606H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3734.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3734.0usft
Site:	Della 29 Fed Com	North Reference:	Grid
Well:	#606H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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	Della 29 Fed Com				
Site Position:		Northing:	560,090.00 usft	Latitude:	32° 32' 15.008 N
From:	Map	Easting:	772,794.00 usft	Longitude:	103° 34' 56.155 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.40 °

Well	#606H					
Well Position	+N/-S	-7.0 usft	Northing:	560,083.00 usft	Latitude:	32° 32' 15.056 N
	+E/-W	-1,683.0 usft	Easting:	771,111.00 usft	Longitude:	103° 35' 15.815 W
Position Uncertainty	0.0 usft	Wellhead Elevation:		Ground Level:	3,709.0 usft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/18/2017	6.97	60.35	48,112.02665443

Design	Plan #0.2				
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	351.66	

Plan Survey Tool Program	Date 9/10/2018				
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	16,209.2 Plan #0.2 (OH)	MWD	OWSG MWD - Standard	

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	
4,312.7	6.25	255.10	4,312.0	-4.4	-16.5	2.00	2.00	0.00	255.10	
10,497.9	6.25	255.10	10,460.5	-177.6	-667.5	0.00	0.00	0.00	0.00	
10,810.5	0.00	0.00	10,772.5	-182.0	-684.0	2.00	-2.00	0.00	180.00	KOP (Della 29 Federa
11,560.5	90.00	359.54	11,250.0	295.4	-687.8	12.00	12.00	-0.06	359.54	
16,209.2	90.00	359.54	11,250.0	4,944.0	-725.0	0.00	0.00	0.00	0.00	PBHL (Della 29 Feder



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Della 29 Fed Com
 Well: #606H
 Wellbore: OH
 Design: Plan #0.2

Local Co-ordinate Reference: Well #606H
 TVD Reference: KB = 25 @ 3734.0usft
 MD Reference: KB = 25 @ 3734.0usft
 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	2.00	255.10	4,100.0	-0.4	-1.7	-0.2	2.00	2.00	0.00
4,200.0	4.00	255.10	4,199.8	-1.8	-6.7	-0.8	2.00	2.00	0.00
4,300.0	6.00	255.10	4,299.5	-4.0	-15.2	-1.8	2.00	2.00	0.00
4,312.7	6.25	255.10	4,312.0	-4.4	-16.5	-1.9	2.00	2.00	0.00
4,400.0	6.25	255.10	4,398.9	-6.8	-25.7	-3.0	0.00	0.00	0.00
4,500.0	6.25	255.10	4,498.3	-9.6	-36.2	-4.3	0.00	0.00	0.00
4,600.0	6.25	255.10	4,597.7	-12.4	-46.7	-5.5	0.00	0.00	0.00
4,700.0	6.25	255.10	4,697.1	-15.2	-57.2	-6.8	0.00	0.00	0.00
4,800.0	6.25	255.10	4,796.5	-18.0	-67.8	-8.0	0.00	0.00	0.00
4,900.0	6.25	255.10	4,895.9	-20.8	-78.3	-9.3	0.00	0.00	0.00
5,000.0	6.25	255.10	4,995.3	-23.6	-88.8	-10.5	0.00	0.00	0.00
5,100.0	6.25	255.10	5,094.7	-26.4	-99.3	-11.7	0.00	0.00	0.00
5,200.0	6.25	255.10	5,194.1	-29.2	-109.9	-13.0	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Della 29 Fed Com
 Well: #606H
 Wellbore: OH
 Design: Plan #0.2

Local Co-ordinate Reference: Well #606H
 TVD Reference: KB = 25 @ 3734.0usft
 MD Reference: KB = 25 @ 3734.0usft
 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	6.25	255.10	5,293.5	-32.0	-120.4	-14.2	0.00	0.00	0.00
5,400.0	6.25	255.10	5,392.9	-34.8	-130.9	-15.5	0.00	0.00	0.00
5,500.0	6.25	255.10	5,492.3	-37.6	-141.5	-16.7	0.00	0.00	0.00
5,600.0	6.25	255.10	5,591.7	-40.4	-152.0	-18.0	0.00	0.00	0.00
5,700.0	6.25	255.10	5,691.1	-43.2	-162.5	-19.2	0.00	0.00	0.00
5,800.0	6.25	255.10	5,790.5	-46.0	-173.0	-20.4	0.00	0.00	0.00
5,900.0	6.25	255.10	5,889.9	-48.8	-183.6	-21.7	0.00	0.00	0.00
6,000.0	6.25	255.10	5,989.3	-51.6	-194.1	-22.9	0.00	0.00	0.00
6,100.0	6.25	255.10	6,088.7	-54.4	-204.6	-24.2	0.00	0.00	0.00
6,200.0	6.25	255.10	6,188.2	-57.2	-215.1	-25.4	0.00	0.00	0.00
6,300.0	6.25	255.10	6,287.6	-60.0	-225.7	-26.7	0.00	0.00	0.00
6,400.0	6.25	255.10	6,387.0	-62.8	-236.2	-27.9	0.00	0.00	0.00
6,500.0	6.25	255.10	6,486.4	-65.6	-246.7	-29.2	0.00	0.00	0.00
6,600.0	6.25	255.10	6,585.8	-68.4	-257.2	-30.4	0.00	0.00	0.00
6,700.0	6.25	255.10	6,685.2	-71.2	-267.8	-31.6	0.00	0.00	0.00
6,800.0	6.25	255.10	6,784.6	-74.0	-278.3	-32.9	0.00	0.00	0.00
6,900.0	6.25	255.10	6,884.0	-76.8	-288.8	-34.1	0.00	0.00	0.00
7,000.0	6.25	255.10	6,983.4	-79.6	-299.3	-35.4	0.00	0.00	0.00
7,100.0	6.25	255.10	7,082.8	-82.5	-309.9	-36.6	0.00	0.00	0.00
7,200.0	6.25	255.10	7,182.2	-85.3	-320.4	-37.9	0.00	0.00	0.00
7,300.0	6.25	255.10	7,281.6	-88.1	-330.9	-39.1	0.00	0.00	0.00
7,400.0	6.25	255.10	7,381.0	-90.9	-341.4	-40.4	0.00	0.00	0.00
7,500.0	6.25	255.10	7,480.4	-93.7	-352.0	-41.6	0.00	0.00	0.00
7,600.0	6.25	255.10	7,579.8	-96.5	-362.5	-42.8	0.00	0.00	0.00
7,700.0	6.25	255.10	7,679.2	-99.3	-373.0	-44.1	0.00	0.00	0.00
7,800.0	6.25	255.10	7,778.6	-102.1	-383.5	-45.3	0.00	0.00	0.00
7,900.0	6.25	255.10	7,878.0	-104.9	-394.1	-46.6	0.00	0.00	0.00
8,000.0	6.25	255.10	7,977.4	-107.7	-404.6	-47.8	0.00	0.00	0.00
8,100.0	6.25	255.10	8,076.8	-110.5	-415.1	-49.1	0.00	0.00	0.00
8,200.0	6.25	255.10	8,176.3	-113.3	-425.7	-50.3	0.00	0.00	0.00
8,300.0	6.25	255.10	8,275.7	-116.1	-436.2	-51.5	0.00	0.00	0.00
8,400.0	6.25	255.10	8,375.1	-118.9	-446.7	-52.8	0.00	0.00	0.00
8,500.0	6.25	255.10	8,474.5	-121.7	-457.2	-54.0	0.00	0.00	0.00
8,600.0	6.25	255.10	8,573.9	-124.5	-467.8	-55.3	0.00	0.00	0.00
8,700.0	6.25	255.10	8,673.3	-127.3	-478.3	-56.5	0.00	0.00	0.00
8,800.0	6.25	255.10	8,772.7	-130.1	-488.8	-57.8	0.00	0.00	0.00
8,900.0	6.25	255.10	8,872.1	-132.9	-499.3	-59.0	0.00	0.00	0.00
9,000.0	6.25	255.10	8,971.5	-135.7	-509.9	-60.3	0.00	0.00	0.00
9,100.0	6.25	255.10	9,070.9	-138.5	-520.4	-61.5	0.00	0.00	0.00
9,200.0	6.25	255.10	9,170.3	-141.3	-530.9	-62.7	0.00	0.00	0.00
9,300.0	6.25	255.10	9,269.7	-144.1	-541.4	-64.0	0.00	0.00	0.00
9,400.0	6.25	255.10	9,369.1	-146.9	-552.0	-65.2	0.00	0.00	0.00
9,500.0	6.25	255.10	9,468.5	-149.7	-562.5	-66.5	0.00	0.00	0.00
9,600.0	6.25	255.10	9,567.9	-152.5	-573.0	-67.7	0.00	0.00	0.00
9,700.0	6.25	255.10	9,667.3	-155.3	-583.5	-69.0	0.00	0.00	0.00
9,800.0	6.25	255.10	9,766.7	-158.1	-594.1	-70.2	0.00	0.00	0.00
9,900.0	6.25	255.10	9,866.1	-160.9	-604.6	-71.4	0.00	0.00	0.00
10,000.0	6.25	255.10	9,965.5	-163.7	-615.1	-72.7	0.00	0.00	0.00
10,100.0	6.25	255.10	10,064.9	-166.5	-625.6	-73.9	0.00	0.00	0.00
10,200.0	6.25	255.10	10,164.4	-169.3	-636.2	-75.2	0.00	0.00	0.00
10,300.0	6.25	255.10	10,263.8	-172.1	-646.7	-76.4	0.00	0.00	0.00
10,400.0	6.25	255.10	10,363.2	-174.9	-657.2	-77.7	0.00	0.00	0.00
10,497.9	6.25	255.10	10,460.5	-177.6	-667.5	-78.9	0.00	0.00	0.00
10,500.0	6.21	255.10	10,462.6	-177.7	-667.8	-78.9	2.00	-2.00	0.00



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #606H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3734.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3734.0usft
Site:	Della 29 Fed Com	North Reference:	Grid
Well:	#606H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
10,600.0	4.21	255.10	10,562.1	-180.0	-676.5	-79.9	2.00	-2.00	0.00
10,700.0	2.21	255.10	10,662.0	-181.5	-681.9	-80.6	2.00	-2.00	0.00
10,800.0	0.21	255.10	10,762.0	-182.0	-684.0	-80.8	2.00	-2.00	0.00
10,810.5	0.00	0.00	10,772.5	-182.0	-684.0	-80.8	2.00	-2.00	0.00
KOP (Della 29 Federal #606H)									
10,825.0	1.74	359.54	10,787.0	-181.8	-684.0	-80.6	12.00	12.00	0.00
10,850.0	4.74	359.54	10,811.9	-180.4	-684.0	-79.2	12.00	12.00	0.00
10,875.0	7.74	359.54	10,836.8	-177.7	-684.0	-76.5	12.00	12.00	0.00
10,900.0	10.74	359.54	10,861.4	-173.6	-684.1	-72.6	12.00	12.00	0.00
10,925.0	13.74	359.54	10,885.9	-168.3	-684.1	-67.3	12.00	12.00	0.00
10,950.0	16.74	359.54	10,910.0	-161.8	-684.2	-60.8	12.00	12.00	0.00
10,975.0	19.74	359.54	10,933.7	-154.0	-684.2	-53.1	12.00	12.00	0.00
11,000.0	22.74	359.54	10,957.0	-144.9	-684.3	-44.1	12.00	12.00	0.00
11,025.0	25.74	359.54	10,979.8	-134.6	-684.4	-33.9	12.00	12.00	0.00
11,050.0	28.74	359.54	11,002.0	-123.2	-684.5	-22.6	12.00	12.00	0.00
11,075.0	31.74	359.54	11,023.6	-110.6	-684.6	-10.1	12.00	12.00	0.00
11,100.0	34.74	359.54	11,044.6	-96.9	-684.7	3.4	12.00	12.00	0.00
11,125.0	37.74	359.54	11,064.7	-82.1	-684.8	18.1	12.00	12.00	0.00
11,150.0	40.74	359.54	11,084.1	-66.3	-684.9	33.7	12.00	12.00	0.00
11,175.0	43.74	359.54	11,102.6	-49.5	-685.1	50.4	12.00	12.00	0.00
11,200.0	46.74	359.54	11,120.2	-31.8	-685.2	68.0	12.00	12.00	0.00
11,211.7	48.14	359.54	11,128.1	-23.2	-685.3	76.5	12.00	12.00	0.00
FTP (Della 29 Federal #606H)									
11,225.0	49.74	359.54	11,136.8	-13.1	-685.4	86.4	12.00	12.00	0.00
11,250.0	52.74	359.54	11,152.5	6.4	-685.5	105.7	12.00	12.00	0.00
11,275.0	55.74	359.54	11,167.1	26.6	-685.7	125.8	12.00	12.00	0.00
11,300.0	58.74	359.54	11,180.6	47.7	-685.8	146.7	12.00	12.00	0.00
11,325.0	61.74	359.54	11,193.0	69.4	-686.0	168.2	12.00	12.00	0.00
11,350.0	64.74	359.54	11,204.3	91.7	-686.2	190.3	12.00	12.00	0.00
11,375.0	67.74	359.54	11,214.4	114.5	-686.4	212.9	12.00	12.00	0.00
11,400.0	70.74	359.54	11,223.2	137.9	-686.6	236.1	12.00	12.00	0.00
11,425.0	73.74	359.54	11,230.9	161.7	-686.7	259.7	12.00	12.00	0.00
11,450.0	76.74	359.54	11,237.2	185.9	-686.9	283.6	12.00	12.00	0.00
11,475.0	79.74	359.54	11,242.3	210.4	-687.1	307.8	12.00	12.00	0.00
11,500.0	82.74	359.54	11,246.1	235.1	-687.3	332.3	12.00	12.00	0.00
11,525.0	85.74	359.54	11,248.6	259.9	-687.5	356.9	12.00	12.00	0.00
11,550.0	88.74	359.54	11,249.8	284.9	-687.7	381.7	12.00	12.00	0.00
11,560.5	90.00	359.54	11,250.0	295.4	-687.8	392.1	12.00	12.00	0.00
11,600.0	90.00	359.54	11,250.0	334.9	-688.1	431.2	0.00	0.00	0.00
11,700.0	90.00	359.54	11,250.0	434.9	-688.9	530.3	0.00	0.00	0.00
11,800.0	90.00	359.54	11,250.0	534.9	-689.7	629.3	0.00	0.00	0.00
11,900.0	90.00	359.54	11,250.0	634.9	-690.5	728.4	0.00	0.00	0.00
12,000.0	90.00	359.54	11,250.0	734.9	-691.3	827.4	0.00	0.00	0.00
12,100.0	90.00	359.54	11,250.0	834.9	-692.1	926.5	0.00	0.00	0.00
12,200.0	90.00	359.54	11,250.0	934.9	-692.9	1,025.5	0.00	0.00	0.00
12,300.0	90.00	359.54	11,250.0	1,034.9	-693.7	1,124.6	0.00	0.00	0.00
12,400.0	90.00	359.54	11,250.0	1,134.9	-694.5	1,223.6	0.00	0.00	0.00
12,500.0	90.00	359.54	11,250.0	1,234.9	-695.3	1,322.7	0.00	0.00	0.00
12,600.0	90.00	359.54	11,250.0	1,334.9	-696.1	1,421.8	0.00	0.00	0.00
12,700.0	90.00	359.54	11,250.0	1,434.9	-696.9	1,520.8	0.00	0.00	0.00
12,800.0	90.00	359.54	11,250.0	1,534.9	-697.7	1,619.9	0.00	0.00	0.00
12,900.0	90.00	359.54	11,250.0	1,634.9	-698.5	1,718.9	0.00	0.00	0.00
13,000.0	90.00	359.54	11,250.0	1,734.9	-699.3	1,818.0	0.00	0.00	0.00
13,100.0	90.00	359.54	11,250.0	1,834.9	-700.1	1,917.0	0.00	0.00	0.00

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Della 29 Fed Com
Well: #606H
Wellbore: OH
Design: Plan #0.2

Local Co-ordinate Reference: Well #606H
TVD Reference: KB = 25 @ 3734.0usft
MD Reference: KB = 25 @ 3734.0usft
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)
13,200.0	90.00	359.54	11,250.0	1,934.9	-700.9	2,016.1	0.00	0.00	0.00
13,300.0	90.00	359.54	11,250.0	2,034.9	-701.7	2,115.1	0.00	0.00	0.00
13,400.0	90.00	359.54	11,250.0	2,134.8	-702.5	2,214.2	0.00	0.00	0.00
13,500.0	90.00	359.54	11,250.0	2,234.8	-703.3	2,313.2	0.00	0.00	0.00
13,600.0	90.00	359.54	11,250.0	2,334.8	-704.1	2,412.3	0.00	0.00	0.00
13,700.0	90.00	359.54	11,250.0	2,434.8	-704.9	2,511.4	0.00	0.00	0.00
13,800.0	90.00	359.54	11,250.0	2,534.8	-705.7	2,610.4	0.00	0.00	0.00
13,900.0	90.00	359.54	11,250.0	2,634.8	-706.5	2,709.5	0.00	0.00	0.00
14,000.0	90.00	359.54	11,250.0	2,734.8	-707.3	2,808.5	0.00	0.00	0.00
14,100.0	90.00	359.54	11,250.0	2,834.8	-708.1	2,907.6	0.00	0.00	0.00
14,200.0	90.00	359.54	11,250.0	2,934.8	-708.9	3,006.6	0.00	0.00	0.00
14,300.0	90.00	359.54	11,250.0	3,034.8	-709.7	3,105.7	0.00	0.00	0.00
14,400.0	90.00	359.54	11,250.0	3,134.8	-710.5	3,204.7	0.00	0.00	0.00
14,500.0	90.00	359.54	11,250.0	3,234.8	-711.3	3,303.8	0.00	0.00	0.00
14,600.0	90.00	359.54	11,250.0	3,334.8	-712.1	3,402.8	0.00	0.00	0.00
14,700.0	90.00	359.54	11,250.0	3,434.8	-712.9	3,501.9	0.00	0.00	0.00
14,800.0	90.00	359.54	11,250.0	3,534.8	-713.7	3,601.0	0.00	0.00	0.00
14,900.0	90.00	359.54	11,250.0	3,634.8	-714.5	3,700.0	0.00	0.00	0.00
15,000.0	90.00	359.54	11,250.0	3,734.8	-715.3	3,799.1	0.00	0.00	0.00
15,100.0	90.00	359.54	11,250.0	3,834.8	-716.1	3,898.1	0.00	0.00	0.00
15,200.0	90.00	359.54	11,250.0	3,934.8	-716.9	3,997.2	0.00	0.00	0.00
15,300.0	90.00	359.54	11,250.0	4,034.8	-717.7	4,096.2	0.00	0.00	0.00
15,400.0	90.00	359.54	11,250.0	4,134.8	-718.5	4,195.3	0.00	0.00	0.00
15,500.0	90.00	359.54	11,250.0	4,234.8	-719.3	4,294.3	0.00	0.00	0.00
15,600.0	90.00	359.54	11,250.0	4,334.8	-720.1	4,393.4	0.00	0.00	0.00
15,700.0	90.00	359.54	11,250.0	4,434.8	-720.9	4,492.4	0.00	0.00	0.00
15,800.0	90.00	359.54	11,250.0	4,534.8	-721.7	4,591.5	0.00	0.00	0.00
15,900.0	90.00	359.54	11,250.0	4,634.8	-722.5	4,690.6	0.00	0.00	0.00
16,000.0	90.00	359.54	11,250.0	4,734.8	-723.3	4,789.6	0.00	0.00	0.00
16,100.0	90.00	359.54	11,250.0	4,834.8	-724.1	4,888.7	0.00	0.00	0.00
16,209.2	90.00	359.54	11,250.0	4,944.0	-725.0	4,996.9	0.00	0.00	0.00

PBHL (Della 29 Federal #606H)

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									
KOP (Della 29 Federal #	0.00	0.00	10,772.5	-182.0	-684.0	559,901.00	770,427.00	32° 32' 13.303 N	103° 35' 23.819 W
- plan hits target center									
- Point									
PBHL (Della 29 Federal	0.00	0.00	11,250.0	4,944.0	-725.0	565,027.00	770,386.00	32° 33' 4.026 N	103° 35' 23.880 W
- plan hits target center									
- Point									
FTP (Della 29 Federal #	0.00	0.00	11,250.0	-132.0	-684.0	559,951.00	770,427.00	32° 32' 13.797 N	103° 35' 23.815 W
- plan misses target center by 163.4usft at 11211.7usft MD (11128.1 TVD, -23.2 N, -685.3 E)									
- Point									