

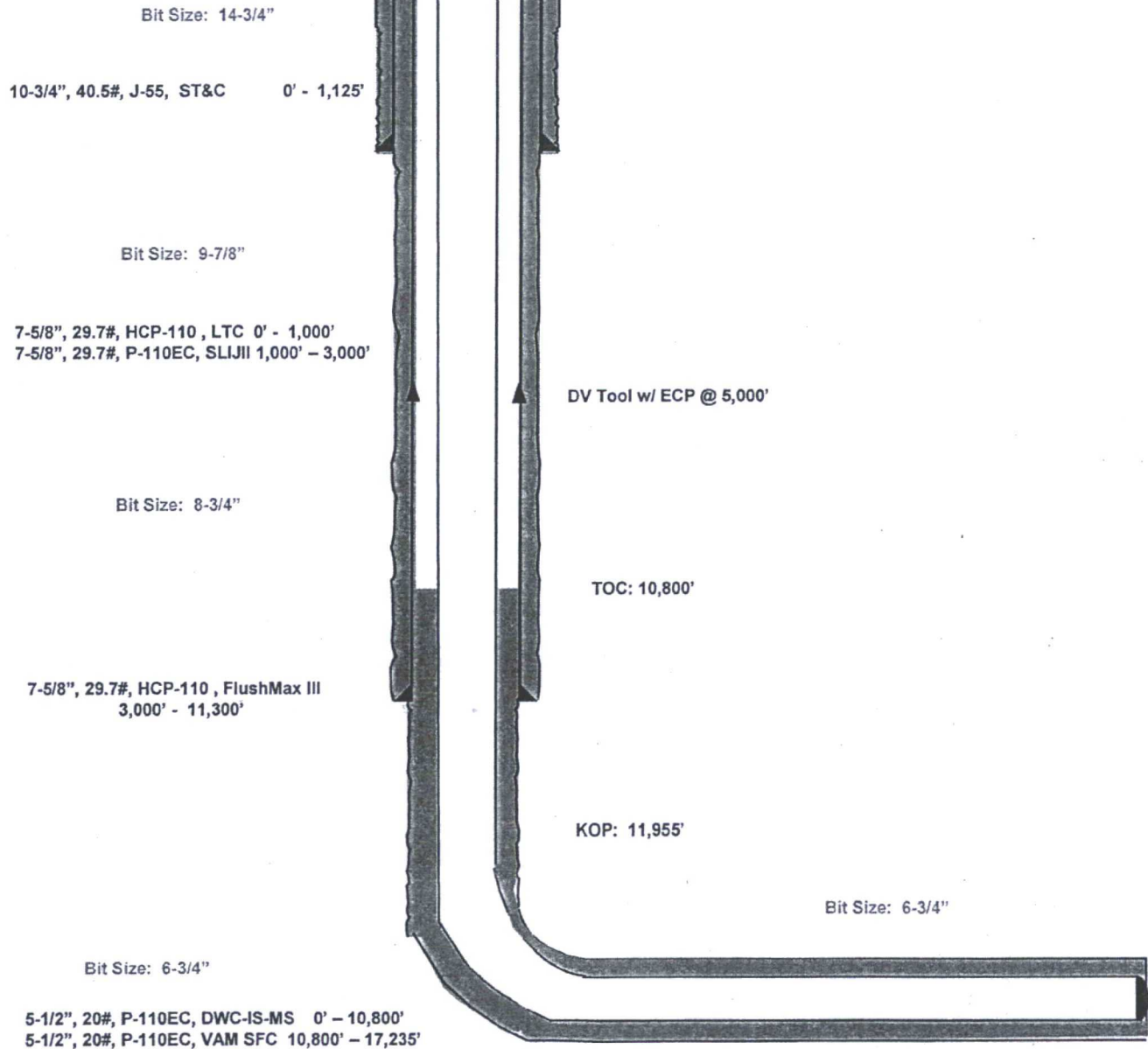
Streetcar 15 Fed #704H

Lea County, New Mexico
Proposed Wellbore

250' FSL
2245' FWL
Section 15
T-25-S, R-33-E

API: 30-025-*****

KB: 3,388'
GL: 3,363'



Lateral: 17,235' MD, 12,410' TVD
Upper Most Perf:
330' FSL & 2320' FEL Sec. 15
Lower Most Perf:
330' FNL & 2321' FEL Sec. 15
BH Location: 230' FNL & 2321' FEL
Section 15
T-25-S, R-33-E



Lea County, NM (NAD 83 NME)
Streeter 15 Fed #704H
Plan #0.1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)
Geoid: Spitzer US State Plane 1983
Datum: North American Datum 1983
Zone: New Mexico Eastern Zone
System: Cartesian Meter Unit
Model: NAD83



Approximate to Grid North
True North: 4.41°
Magnetic North: 1.87°
Magnetic Field
Strength: 47.8 A/T
Declination: 48.41°
Date: 8/20/2017
Model: IGRF2015

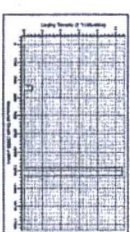
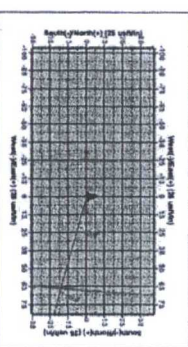
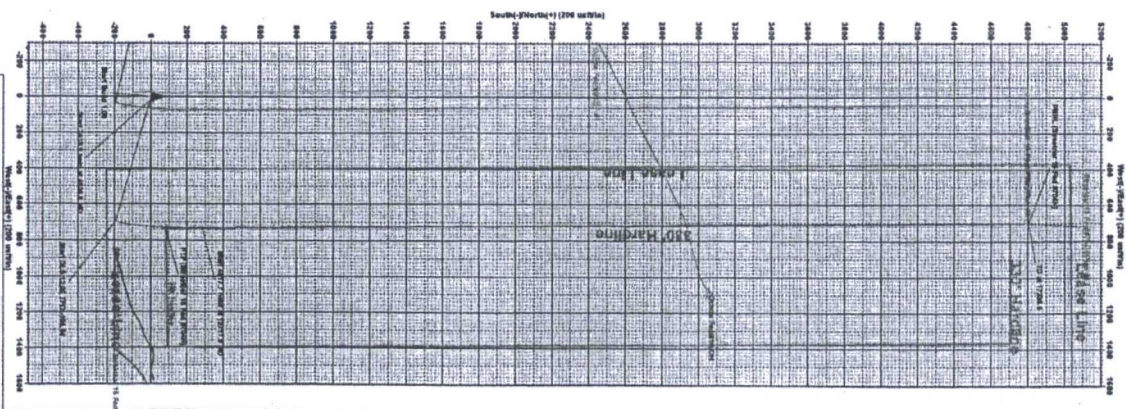
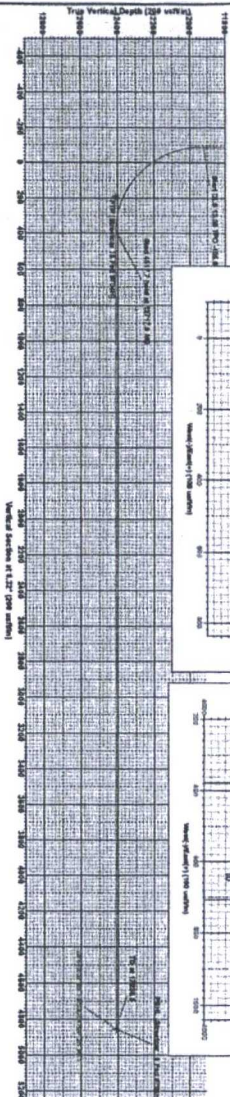
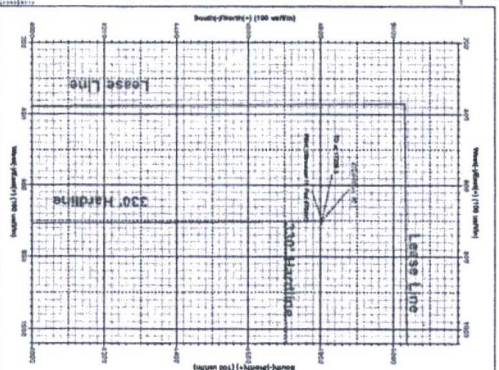
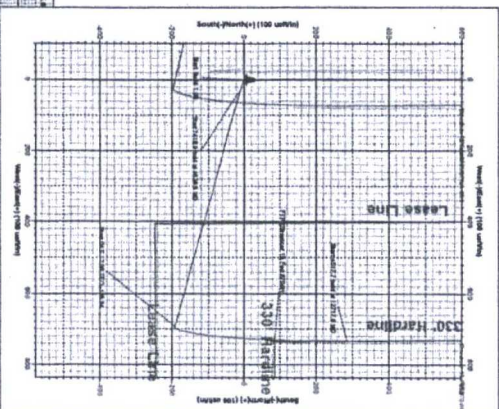
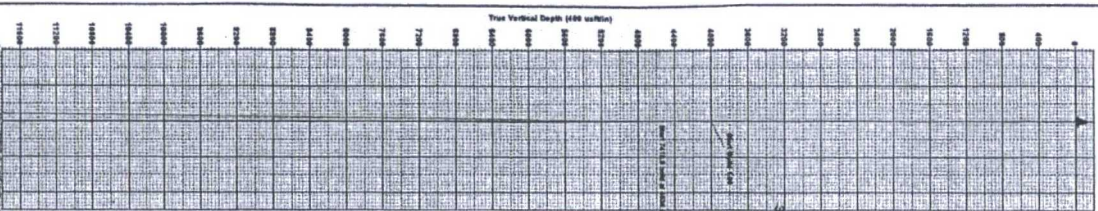
To convert a Magnetic Direction to a Grid Direction, Add 8.50°
To convert a Magnetic Direction to a True Direction, Add 9.91° East
To convert a True Direction to a Grid Direction, Subtract 8.41°

WELL DETAILS: 8704H
KB - 29 @ 1388.0m
Easting: 78037.50
Northing: 40987.50
Latitude: 37° 28' 24.1" N
Longitude: 107° 37' 41.1" W

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/S	+E/W	Dipg	Tface	VSgt	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0	
4538.6	5.37	105.50	4535.9	-6.7	24.2	1.00	105.50	-3.1	
11955.6	5.37	105.50	11922.3	-19.2	692.8	0.00	0.00	-90.0	
12717.8	90.00	359.60	12410.0	285.4	733.5	12.00	-105.84	388.5	
17235.5	90.00	359.60	12410.0	4803.0	702.0	0.00	0.00	4854.0	PBHL (Streeter 15 Fed 8704H)

CHINA DETAILS
No casing data is available

WELLBORE TARGET DETAILS MAP COORDINATES
Name: Streeter 15 Fed 8704H
FTP: Streeter 15 Fed 8704H
TIO: 12410.0
NAD 83: 40987.50
Easting: 78037.50
Northing: 40987.50
Latitude: 37° 28' 24.1" N
Longitude: 107° 37' 41.1" W





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Streetcar 15 Fed

#704H

OH

Plan: Plan #0.1

Standard Planning Report

02 October, 2017



Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Streetcar 15 Fed
Well: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25' @ 3388.0usft
MD Reference: KB = 25' @ 3388.0usft
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 Streetcar 15 Fed

Site Position: Northing: 409,714.00 usft Latitude: 32° 7' 26.337 N
From: Map Easting: 782,680.00 usft Longitude: 103° 33' 13.460 W
Position Uncertainty: 0.0 usft Slot Radius: 13-3/16 " Grid Convergence: 0.41 °

Well #704H

Well Position +N/-S -17.0 usft Northing: 409,697.00 usft Latitude: 32° 7' 26.341 N
+E/-W -2,413.0 usft Easting: 780,267.00 usft Longitude: 103° 33' 41.519 W
Position Uncertainty 0.0 usft Wellhead Elevation: Ground Level: 3,363.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	9/29/2017	6.91	59.97	47,850.89546673

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	8.32

Plan Survey Tool Program Date 10/2/2017

Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,235.5 Plan #0.1 (OH)	MWD	
			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	
4,536.6	5.37	105.50	4,535.9	-6.7	24.2	1.00	1.00	0.00	105.50	
11,955.6	5.37	105.50	11,922.3	-192.2	692.8	0.00	0.00	0.00	0.00	
12,717.8	90.00	359.60	12,410.0	285.4	733.5	12.00	11.10	-13.89	-105.84	
17,235.5	90.00	359.60	12,410.0	4,803.0	702.0	0.00	0.00	0.00	0.00	PBHL (Streetcar 15 F.

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Streetcar 15 Fed
 Well: #704H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference:
 TVD Reference: KB = 25' @ 3388.0usft
 MD Reference: KB = 25' @ 3388.0usft
 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	105.50	4,100.0	-0.2	0.8	-0.1	1.00	1.00	0.00
4,200.0	2.00	105.50	4,200.0	-0.9	3.4	-0.4	1.00	1.00	0.00
4,300.0	3.00	105.50	4,299.9	-2.1	7.6	-1.0	1.00	1.00	0.00
4,400.0	4.00	105.50	4,399.7	-3.7	13.4	-1.7	1.00	1.00	0.00
4,500.0	5.00	105.50	4,499.4	-5.8	21.0	-2.7	1.00	1.00	0.00
4,536.6	5.37	105.50	4,535.9	-6.7	24.2	-3.1	1.00	1.00	0.00
4,600.0	5.37	105.50	4,598.9	-8.3	29.9	-3.9	0.00	0.00	0.00
4,700.0	5.37	105.50	4,698.5	-10.8	38.9	-5.1	0.00	0.00	0.00
4,800.0	5.37	105.50	4,798.1	-13.3	47.9	-6.2	0.00	0.00	0.00
4,900.0	5.37	105.50	4,897.6	-15.8	56.9	-7.4	0.00	0.00	0.00
5,000.0	5.37	105.50	4,997.2	-18.3	66.0	-8.6	0.00	0.00	0.00
5,100.0	5.37	105.50	5,096.7	-20.8	75.0	-9.7	0.00	0.00	0.00
5,200.0	5.37	105.50	5,196.3	-23.3	84.0	-10.9	0.00	0.00	0.00

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Streetcar 15 Fed
Well: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference: KB = 25' @ 3388.0usft
MD Reference: KB = 25' @ 3388.0usft
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	5.37	105.50	5,295.9	-25.8	93.0	-12.1	0.00	0.00	0.00
5,400.0	5.37	105.50	5,395.4	-28.3	102.0	-13.2	0.00	0.00	0.00
5,500.0	5.37	105.50	5,495.0	-30.8	111.0	-14.4	0.00	0.00	0.00
5,600.0	5.37	105.50	5,594.6	-33.3	120.0	-15.6	0.00	0.00	0.00
5,700.0	5.37	105.50	5,694.1	-35.8	129.0	-16.8	0.00	0.00	0.00
5,800.0	5.37	105.50	5,793.7	-38.3	138.1	-17.9	0.00	0.00	0.00
5,900.0	5.37	105.50	5,893.2	-40.8	147.1	-19.1	0.00	0.00	0.00
6,000.0	5.37	105.50	5,992.8	-43.3	156.1	-20.3	0.00	0.00	0.00
6,100.0	5.37	105.50	6,092.4	-45.8	165.1	-21.4	0.00	0.00	0.00
6,200.0	5.37	105.50	6,191.9	-48.3	174.1	-22.6	0.00	0.00	0.00
6,300.0	5.37	105.50	6,291.5	-50.8	183.1	-23.8	0.00	0.00	0.00
6,400.0	5.37	105.50	6,391.0	-53.3	192.1	-25.0	0.00	0.00	0.00
6,500.0	5.37	105.50	6,490.6	-55.8	201.1	-26.1	0.00	0.00	0.00
6,600.0	5.37	105.50	6,590.2	-58.3	210.2	-27.3	0.00	0.00	0.00
6,700.0	5.37	105.50	6,689.7	-60.8	219.2	-28.5	0.00	0.00	0.00
6,800.0	5.37	105.50	6,789.3	-63.3	228.2	-29.6	0.00	0.00	0.00
6,900.0	5.37	105.50	6,888.9	-65.8	237.2	-30.8	0.00	0.00	0.00
7,000.0	5.37	105.50	6,988.4	-68.3	246.2	-32.0	0.00	0.00	0.00
7,100.0	5.37	105.50	7,088.0	-70.8	255.2	-33.1	0.00	0.00	0.00
7,200.0	5.37	105.50	7,187.5	-73.3	264.2	-34.3	0.00	0.00	0.00
7,300.0	5.37	105.50	7,287.1	-75.8	273.2	-35.5	0.00	0.00	0.00
7,400.0	5.37	105.50	7,386.7	-78.3	282.3	-36.7	0.00	0.00	0.00
7,500.0	5.37	105.50	7,486.2	-80.8	291.3	-37.8	0.00	0.00	0.00
7,600.0	5.37	105.50	7,585.8	-83.3	300.3	-39.0	0.00	0.00	0.00
7,700.0	5.37	105.50	7,685.4	-85.8	309.3	-40.2	0.00	0.00	0.00
7,800.0	5.37	105.50	7,784.9	-88.3	318.3	-41.3	0.00	0.00	0.00
7,900.0	5.37	105.50	7,884.5	-90.8	327.3	-42.5	0.00	0.00	0.00
8,000.0	5.37	105.50	7,984.0	-93.3	336.3	-43.7	0.00	0.00	0.00
8,100.0	5.37	105.50	8,083.6	-95.8	345.3	-44.8	0.00	0.00	0.00
8,200.0	5.37	105.50	8,183.2	-98.3	354.3	-46.0	0.00	0.00	0.00
8,300.0	5.37	105.50	8,282.7	-100.8	363.4	-47.2	0.00	0.00	0.00
8,400.0	5.37	105.50	8,382.3	-103.3	372.4	-48.4	0.00	0.00	0.00
8,500.0	5.37	105.50	8,481.8	-105.8	381.4	-49.5	0.00	0.00	0.00
8,600.0	5.37	105.50	8,581.4	-108.3	390.4	-50.7	0.00	0.00	0.00
8,700.0	5.37	105.50	8,681.0	-110.8	399.4	-51.9	0.00	0.00	0.00
8,800.0	5.37	105.50	8,780.5	-113.3	408.4	-53.0	0.00	0.00	0.00
8,900.0	5.37	105.50	8,880.1	-115.8	417.4	-54.2	0.00	0.00	0.00
9,000.0	5.37	105.50	8,979.7	-118.3	426.4	-55.4	0.00	0.00	0.00
9,100.0	5.37	105.50	9,079.2	-120.8	435.5	-56.6	0.00	0.00	0.00
9,200.0	5.37	105.50	9,178.8	-123.3	444.5	-57.7	0.00	0.00	0.00
9,300.0	5.37	105.50	9,278.3	-125.8	453.5	-58.9	0.00	0.00	0.00
9,400.0	5.37	105.50	9,377.9	-128.3	462.5	-60.1	0.00	0.00	0.00
9,500.0	5.37	105.50	9,477.5	-130.8	471.5	-61.2	0.00	0.00	0.00
9,600.0	5.37	105.50	9,577.0	-133.3	480.5	-62.4	0.00	0.00	0.00
9,700.0	5.37	105.50	9,676.6	-135.8	489.5	-63.6	0.00	0.00	0.00
9,800.0	5.37	105.50	9,776.1	-138.3	498.5	-64.7	0.00	0.00	0.00
9,900.0	5.37	105.50	9,875.7	-140.8	507.6	-65.9	0.00	0.00	0.00
10,000.0	5.37	105.50	9,975.3	-143.3	516.6	-67.1	0.00	0.00	0.00
10,100.0	5.37	105.50	10,074.8	-145.8	525.6	-68.3	0.00	0.00	0.00
10,200.0	5.37	105.50	10,174.4	-148.3	534.6	-69.4	0.00	0.00	0.00
10,300.0	5.37	105.50	10,274.0	-150.8	543.6	-70.6	0.00	0.00	0.00
10,400.0	5.37	105.50	10,373.5	-153.3	552.6	-71.8	0.00	0.00	0.00
10,500.0	5.37	105.50	10,473.1	-155.8	561.6	-72.9	0.00	0.00	0.00
10,600.0	5.37	105.50	10,572.6	-158.3	570.6	-74.1	0.00	0.00	0.00

Database: EDM 5000.14
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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	5.37	105.50	10,672.2	-160.8	579.7	-75.3	0.00	0.00	0.00	
10,800.0	5.37	105.50	10,771.8	-163.3	588.7	-76.5	0.00	0.00	0.00	
10,900.0	5.37	105.50	10,871.3	-165.8	597.7	-77.6	0.00	0.00	0.00	
11,000.0	5.37	105.50	10,970.9	-168.3	606.7	-78.8	0.00	0.00	0.00	
11,100.0	5.37	105.50	11,070.4	-170.8	615.7	-80.0	0.00	0.00	0.00	
11,200.0	5.37	105.50	11,170.0	-173.3	624.7	-81.1	0.00	0.00	0.00	
11,300.0	5.37	105.50	11,269.6	-175.8	633.7	-82.3	0.00	0.00	0.00	
11,400.0	5.37	105.50	11,369.1	-178.3	642.7	-83.5	0.00	0.00	0.00	
11,500.0	5.37	105.50	11,468.7	-180.8	651.8	-84.6	0.00	0.00	0.00	
11,600.0	5.37	105.50	11,568.3	-183.3	660.8	-85.8	0.00	0.00	0.00	
11,700.0	5.37	105.50	11,667.8	-185.8	669.8	-87.0	0.00	0.00	0.00	
11,800.0	5.37	105.50	11,767.4	-188.3	678.8	-88.2	0.00	0.00	0.00	
11,900.0	5.37	105.50	11,866.9	-190.8	687.8	-89.3	0.00	0.00	0.00	
11,955.6	5.37	105.50	11,922.3	-192.2	692.8	-90.0	0.00	0.00	0.00	
11,975.0	5.23	80.12	11,941.6	-192.3	694.6	-89.8	12.00	-0.69	-130.77	
12,000.0	6.44	52.73	11,968.5	-191.2	696.8	-88.5	12.00	4.84	-109.56	
12,025.0	8.58	36.39	11,991.3	-188.9	699.0	-85.8	12.00	8.54	-65.35	
12,050.0	11.12	26.97	12,015.9	-185.2	701.2	-81.9	12.00	10.16	-37.69	
12,075.0	13.84	21.11	12,040.3	-180.3	703.4	-76.7	12.00	10.89	-23.43	
12,100.0	16.66	17.17	12,064.4	-174.1	705.5	-70.2	12.00	11.27	-15.75	
12,125.0	19.53	14.36	12,088.2	-166.6	707.6	-62.5	12.00	11.48	-11.27	
12,150.0	22.43	12.24	12,111.5	-157.9	709.7	-53.6	12.00	11.61	-8.46	
12,175.0	25.36	10.59	12,134.4	-148.0	711.7	-43.5	12.00	11.70	-6.60	
12,200.0	28.30	9.26	12,156.7	-136.9	713.6	-32.2	12.00	11.76	-5.32	
12,225.0	31.25	8.16	12,178.4	-124.6	715.5	-19.8	12.00	11.80	-4.39	
12,250.0	34.21	7.24	12,199.4	-111.2	717.3	-6.3	12.00	11.83	-3.70	
12,275.0	37.17	6.44	12,219.7	-96.7	719.0	8.3	12.00	11.86	-3.18	
12,300.0	40.14	5.75	12,239.3	-81.2	720.7	23.9	12.00	11.87	-2.77	
12,325.0	43.11	5.14	12,257.9	-64.7	722.2	40.5	12.00	11.89	-2.45	
12,350.0	46.09	4.59	12,275.7	-47.2	723.7	58.0	12.00	11.90	-2.19	
12,375.0	49.06	4.09	12,292.6	-28.8	725.1	76.4	12.00	11.91	-1.98	
12,400.0	52.04	3.64	12,308.5	-9.5	726.4	95.6	12.00	11.92	-1.81	
12,425.0	55.02	3.22	12,323.3	10.6	727.6	115.7	12.00	11.92	-1.67	
12,450.0	58.01	2.84	12,337.1	31.4	728.7	136.4	12.00	11.93	-1.55	
12,475.0	60.99	2.47	12,349.8	52.9	729.7	157.9	12.00	11.93	-1.46	
12,500.0	63.97	2.13	12,361.4	75.0	730.6	179.9	12.00	11.94	-1.37	
12,525.0	66.96	1.80	12,371.7	97.8	731.4	202.5	12.00	11.94	-1.31	
12,550.0	69.95	1.49	12,380.9	121.0	732.1	225.6	12.00	11.94	-1.25	
12,575.0	72.93	1.19	12,388.9	144.7	732.6	249.1	12.00	11.95	-1.20	
12,600.0	75.92	0.90	12,395.6	168.8	733.1	273.0	12.00	11.95	-1.16	
12,625.0	78.91	0.61	12,401.0	193.2	733.4	297.2	12.00	11.95	-1.13	
12,650.0	81.89	0.34	12,405.2	217.8	733.6	321.6	12.00	11.95	-1.11	
12,675.0	84.88	0.06	12,408.1	242.6	733.7	346.2	12.00	11.95	-1.09	
12,700.0	87.87	359.79	12,409.7	267.6	733.6	370.9	12.00	11.95	-1.08	
12,717.8	90.00	359.60	12,410.0	285.4	733.5	388.5	12.00	11.95	-1.08	
12,800.0	90.00	359.60	12,410.0	367.6	733.0	469.7	0.00	0.00	0.00	
12,900.0	90.00	359.60	12,410.0	467.6	732.3	568.6	0.00	0.00	0.00	
13,000.0	90.00	359.60	12,410.0	567.6	731.6	667.4	0.00	0.00	0.00	
13,100.0	90.00	359.60	12,410.0	667.6	730.9	766.3	0.00	0.00	0.00	
13,200.0	90.00	359.60	12,410.0	767.6	730.2	865.1	0.00	0.00	0.00	
13,300.0	90.00	359.60	12,410.0	867.6	729.5	963.9	0.00	0.00	0.00	
13,400.0	90.00	359.60	12,410.0	967.6	728.8	1,062.8	0.00	0.00	0.00	
13,500.0	90.00	359.60	12,410.0	1,067.6	728.1	1,161.6	0.00	0.00	0.00	
13,600.0	90.00	359.60	12,410.0	1,167.6	727.4	1,260.5	0.00	0.00	0.00	

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Streetcar 15 Fed
 Well: #704H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
 TVD Reference: KB = 25' @ 3388.0usft
 MD Reference: KB = 25' @ 3388.0usft
 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)
13,700.0	90.00	359.60	12,410.0	1,267.6	726.7	1,359.3	0.00	0.00	0.00
13,800.0	90.00	359.60	12,410.0	1,367.6	726.0	1,458.2	0.00	0.00	0.00
13,900.0	90.00	359.60	12,410.0	1,467.6	725.3	1,557.0	0.00	0.00	0.00
14,000.0	90.00	359.60	12,410.0	1,567.6	724.6	1,655.9	0.00	0.00	0.00
14,100.0	90.00	359.60	12,410.0	1,667.6	723.9	1,754.7	0.00	0.00	0.00
14,200.0	90.00	359.60	12,410.0	1,767.5	723.2	1,853.6	0.00	0.00	0.00
14,300.0	90.00	359.60	12,410.0	1,867.5	722.5	1,952.4	0.00	0.00	0.00
14,400.0	90.00	359.60	12,410.0	1,967.5	721.8	2,051.2	0.00	0.00	0.00
14,500.0	90.00	359.60	12,410.0	2,067.5	721.1	2,150.1	0.00	0.00	0.00
14,600.0	90.00	359.60	12,410.0	2,167.5	720.4	2,248.9	0.00	0.00	0.00
14,700.0	90.00	359.60	12,410.0	2,267.5	719.7	2,347.8	0.00	0.00	0.00
14,800.0	90.00	359.60	12,410.0	2,367.5	719.0	2,446.6	0.00	0.00	0.00
14,900.0	90.00	359.60	12,410.0	2,467.5	718.3	2,545.5	0.00	0.00	0.00
15,000.0	90.00	359.60	12,410.0	2,567.5	717.6	2,644.3	0.00	0.00	0.00
15,100.0	90.00	359.60	12,410.0	2,667.5	716.9	2,743.2	0.00	0.00	0.00
15,200.0	90.00	359.60	12,410.0	2,767.5	716.2	2,842.0	0.00	0.00	0.00
15,300.0	90.00	359.60	12,410.0	2,867.5	715.5	2,940.9	0.00	0.00	0.00
15,400.0	90.00	359.60	12,410.0	2,967.5	714.8	3,039.7	0.00	0.00	0.00
15,500.0	90.00	359.60	12,410.0	3,067.5	714.1	3,138.5	0.00	0.00	0.00
15,600.0	90.00	359.60	12,410.0	3,167.5	713.4	3,237.4	0.00	0.00	0.00
15,700.0	90.00	359.60	12,410.0	3,267.5	712.7	3,336.2	0.00	0.00	0.00
15,800.0	90.00	359.60	12,410.0	3,367.5	712.0	3,435.1	0.00	0.00	0.00
15,900.0	90.00	359.60	12,410.0	3,467.5	711.3	3,533.9	0.00	0.00	0.00
16,000.0	90.00	359.60	12,410.0	3,567.5	710.6	3,632.8	0.00	0.00	0.00
16,100.0	90.00	359.60	12,410.0	3,667.5	709.9	3,731.6	0.00	0.00	0.00
16,200.0	90.00	359.60	12,410.0	3,767.5	709.2	3,830.5	0.00	0.00	0.00
16,300.0	90.00	359.60	12,410.0	3,867.5	708.5	3,929.3	0.00	0.00	0.00
16,400.0	90.00	359.60	12,410.0	3,967.5	707.8	4,028.2	0.00	0.00	0.00
16,500.0	90.00	359.60	12,410.0	4,067.5	707.1	4,127.0	0.00	0.00	0.00
16,600.0	90.00	359.60	12,410.0	4,167.5	706.4	4,225.8	0.00	0.00	0.00
16,700.0	90.00	359.60	12,410.0	4,267.5	705.7	4,324.7	0.00	0.00	0.00
16,800.0	90.00	359.60	12,410.0	4,367.5	705.0	4,423.5	0.00	0.00	0.00
16,900.0	90.00	359.60	12,410.0	4,467.5	704.3	4,522.4	0.00	0.00	0.00
17,000.0	90.00	359.60	12,410.0	4,567.5	703.6	4,621.2	0.00	0.00	0.00
17,100.0	90.00	359.60	12,410.0	4,667.5	702.9	4,720.1	0.00	0.00	0.00
17,200.0	90.00	359.60	12,410.0	4,767.5	702.2	4,818.9	0.00	0.00	0.00
17,235.5	90.00	359.60	12,410.0	4,803.0	702.0	4,854.0	0.00	0.00	0.00

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (Streetcar 15 Fed # - hit/miss target - Shape - Point	0.00	0.00	12,410.0	85.0	735.0	409,782.00	781,002.00	32° 7' 27.130 N	103° 33' 32.966 W
PBHL (Streetcar 15 Fed - plan hits target center - Point	0.00	0.00	12,410.0	4,803.0	702.0	414,500.00	780,969.00	32° 8' 13.818 N	103° 33' 32.955 W