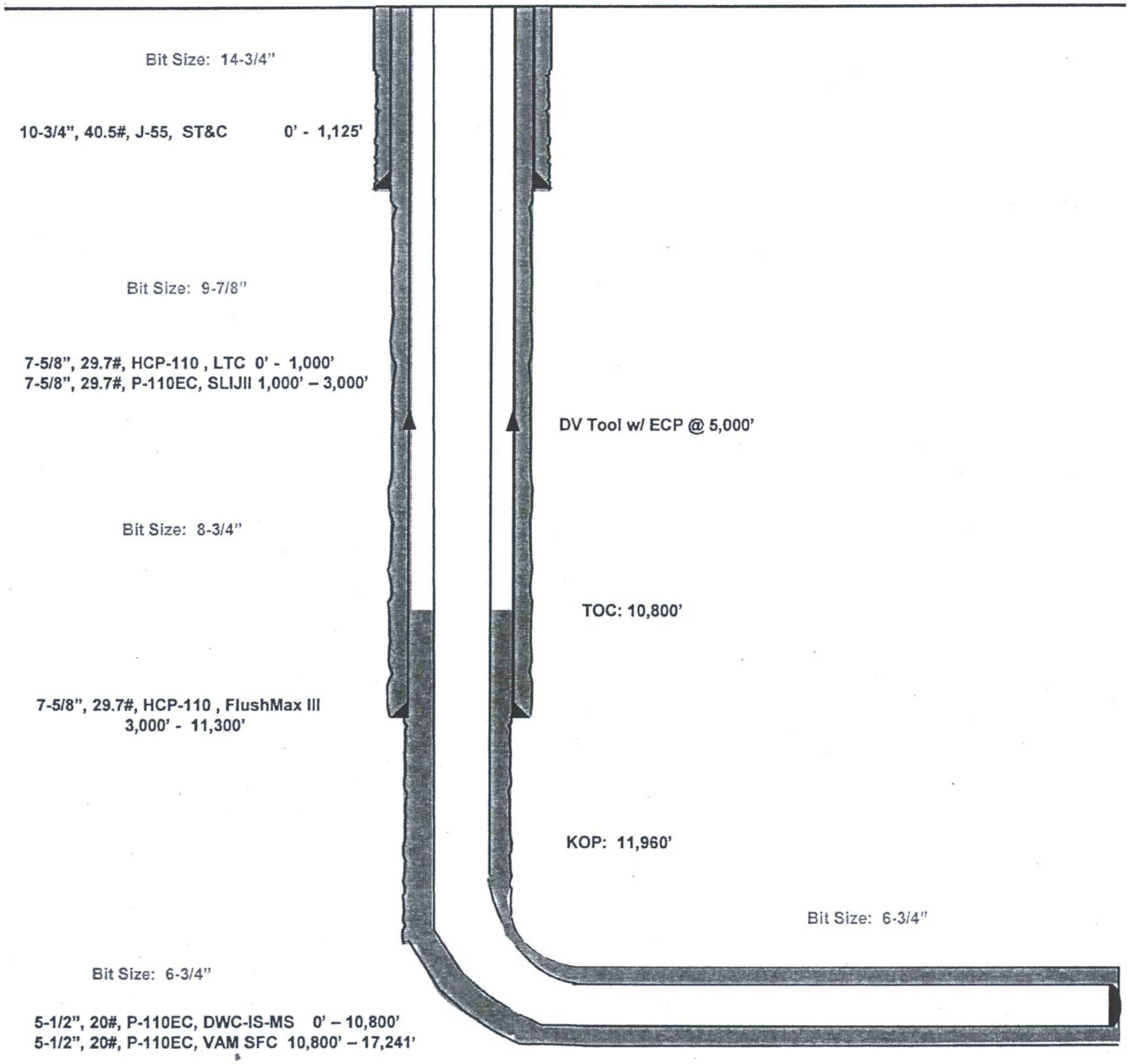
Streetcar 15 Fed #605H

Lea County, New Mexico
Proposed Wellbore

250' FSL
1400' FWL
Section 15
T-25-S, R-33-E

API: 30-025-*****

KB: 3,391'
GL: 3,366'



Lateral: 17,241' MD, 12,447' TVD
Upper Most Perf:
330' FSL & 1380' FWL Sec. 15
Lower Most Perf:
330' FNL & 1380' FWL Sec. 15
BH Location: 230' FNL & 1380' FWL
Section 15
T-25-S, R-33-E

eog resources

Lea County, NM (NAD 83 NME)

Streetcar 15 Fed #605H

Plan #0.1

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: -0.41°
Magnetic North: 6.50°

Magnetic Field
Strength: 47850.8snT
Dip Angle: 59.97°
Date: 9/29/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.50°
To convert a Magnetic Direction to a True Direction, Add 6.91° East
To convert a True Direction to a Grid Direction, Subtract 0.41°

WELL DETAILS: #605H

3368.0
KB = 25' @ 3391.0usft

Northing	Easting	Latitude	Longitude
409692.00	779422.00	32° 7' 26.351 N	103° 33' 51.345 W

SECTION DETAILS

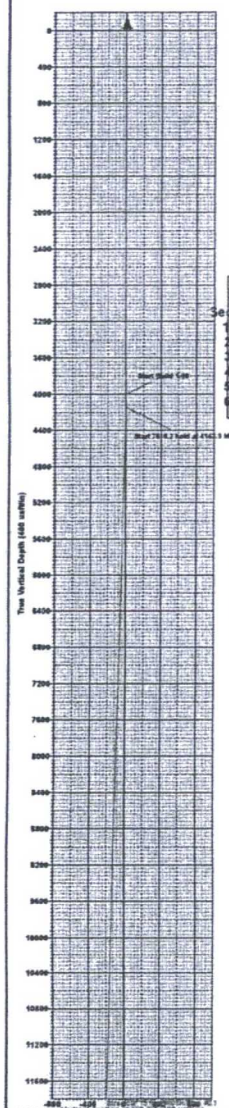
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0	
3	4143.9	1.44	185.16	4143.9	-1.8	-0.2	1.00	185.16	-1.8	
4	11960.1	1.44	185.16	11957.6	-197.3	-17.8	0.00	0.00	-197.1	
5	12722.0	90.00	359.61	12447.0	280.0	-22.2	12.00	174.45	280.2	
6	17241.1	90.00	359.61	12447.0	4799.0	-53.0	0.00	0.00	4799.3	PBHL (Streetcar 15 Fed #605H)

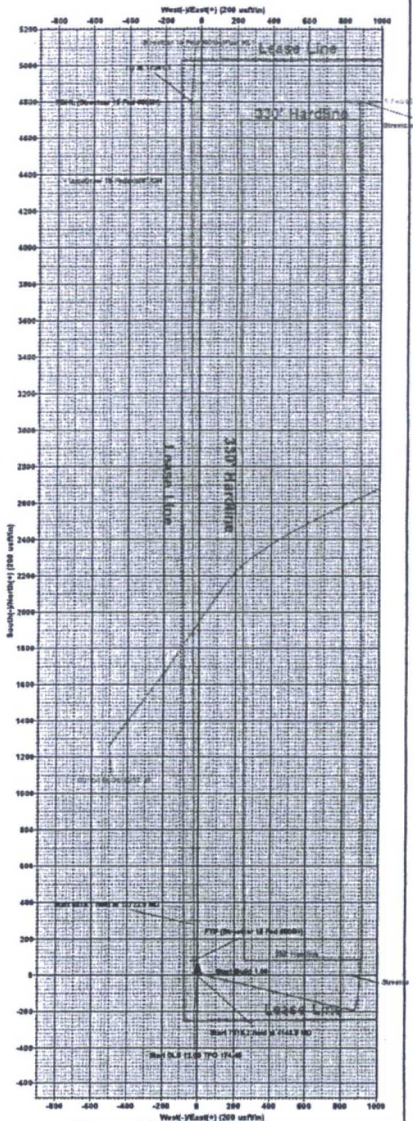
CASING DETAILS

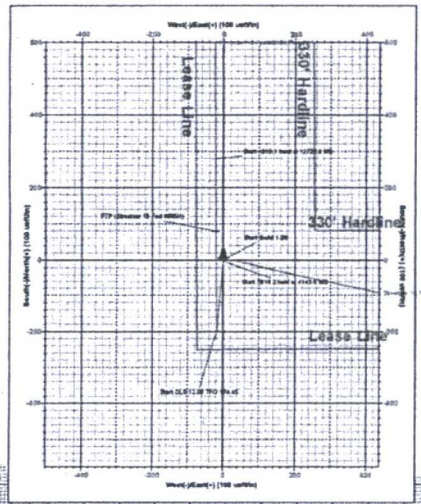
No casing data is available

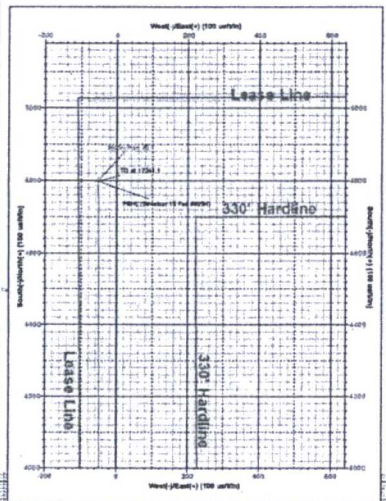
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

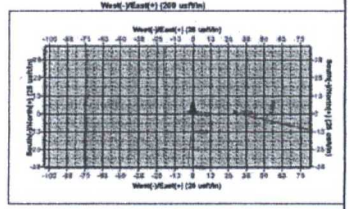
Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Streetcar 15 Fed #605H)	12447.0	4799.0	-53.0	414491.00	779368.00
FTP (Streetcar 15 Fed #605H)	12447.0	80.0	-21.0	409772.00	779401.00

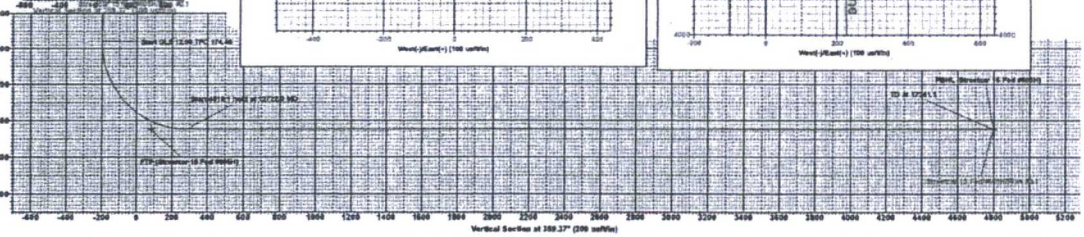


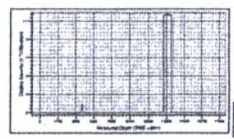












EOG Resources - Midland

Lea County, NM (NAD 83 NME)
Streetcar 15 Fed
#605H

OH

Plan: Plan #0.1

Standard Planning Report

02 October, 2017

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #605H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3391.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3391.0usft
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#605H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	#605H					
Well Position	**+N/-S**	-22.0 usft	**Northing:**	409,692.00 usft	**Latitude:**	32° 7' 26.351 N
	+E/-W	-3,258.0 usft	**Easting:**	779,422.00 usft	**Longitude:**	103° 33' 51.345 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,366.0 usft

Wellbore	OH				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2015	9/29/2017	6.91	59.97	47,850.58782394

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	359.37	

Plan Survey Tool Program **Date** 10/2/2017

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,241.1	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	
4,143.9	1.44	185.16	4,143.9	-1.8	-0.2	1.00	1.00	0.00	185.16	
11,960.1	1.44	185.16	11,957.6	-197.3	-17.8	0.00	0.00	0.00	0.00	
12,722.0	90.00	359.61	12,447.0	280.0	-22.2	12.00	11.62	22.90	174.45	
17,241.1	90.00	359.61	12,447.0	4,799.0	-53.0	0.00	0.00	0.00	0.00	PBHL (Streetcar 15 F

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #605H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3391.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3391.0usft
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#605H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	185.16	4,100.0	-0.9	-0.1	-0.9	1.00	1.00	0.00
4,143.9	1.44	185.16	4,143.9	-1.8	-0.2	-1.8	1.00	1.00	0.00
4,200.0	1.44	185.16	4,200.0	-3.2	-0.3	-3.2	0.00	0.00	0.00
4,300.0	1.44	185.16	4,299.9	-5.7	-0.5	-5.7	0.00	0.00	0.00
4,400.0	1.44	185.16	4,399.9	-8.2	-0.7	-8.2	0.00	0.00	0.00
4,500.0	1.44	185.16	4,499.9	-10.7	-1.0	-10.7	0.00	0.00	0.00
4,600.0	1.44	185.16	4,599.8	-13.2	-1.2	-13.2	0.00	0.00	0.00
4,700.0	1.44	185.16	4,699.8	-15.7	-1.4	-15.7	0.00	0.00	0.00
4,800.0	1.44	185.16	4,799.8	-18.2	-1.6	-18.2	0.00	0.00	0.00
4,900.0	1.44	185.16	4,899.7	-20.7	-1.9	-20.7	0.00	0.00	0.00
5,000.0	1.44	185.16	4,999.7	-23.2	-2.1	-23.2	0.00	0.00	0.00
5,100.0	1.44	185.16	5,099.7	-25.7	-2.3	-25.7	0.00	0.00	0.00
5,200.0	1.44	185.16	5,199.7	-28.2	-2.5	-28.2	0.00	0.00	0.00

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Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#605H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	1.44	185.16	5,299.6	-30.7	-2.8	-30.7	0.00	0.00	0.00
5,400.0	1.44	185.16	5,399.6	-33.2	-3.0	-33.2	0.00	0.00	0.00
5,500.0	1.44	185.16	5,499.6	-35.7	-3.2	-35.7	0.00	0.00	0.00
5,600.0	1.44	185.16	5,599.5	-38.2	-3.4	-38.2	0.00	0.00	0.00
5,700.0	1.44	185.16	5,699.5	-40.7	-3.7	-40.7	0.00	0.00	0.00
5,800.0	1.44	185.16	5,799.5	-43.2	-3.9	-43.2	0.00	0.00	0.00
5,900.0	1.44	185.16	5,899.4	-45.7	-4.1	-45.7	0.00	0.00	0.00
6,000.0	1.44	185.16	5,999.4	-48.2	-4.4	-48.2	0.00	0.00	0.00
6,100.0	1.44	185.16	6,099.4	-50.7	-4.6	-50.7	0.00	0.00	0.00
6,200.0	1.44	185.16	6,199.3	-53.2	-4.8	-53.2	0.00	0.00	0.00
6,300.0	1.44	185.16	6,299.3	-55.7	-5.0	-55.7	0.00	0.00	0.00
6,400.0	1.44	185.16	6,399.3	-58.2	-5.3	-58.2	0.00	0.00	0.00
6,500.0	1.44	185.16	6,499.2	-60.7	-5.5	-60.7	0.00	0.00	0.00
6,600.0	1.44	185.16	6,599.2	-63.2	-5.7	-63.2	0.00	0.00	0.00
6,700.0	1.44	185.16	6,699.2	-65.7	-5.9	-65.7	0.00	0.00	0.00
6,800.0	1.44	185.16	6,799.1	-68.2	-6.2	-68.2	0.00	0.00	0.00
6,900.0	1.44	185.16	6,899.1	-70.7	-6.4	-70.7	0.00	0.00	0.00
7,000.0	1.44	185.16	6,999.1	-73.2	-6.6	-73.2	0.00	0.00	0.00
7,100.0	1.44	185.16	7,099.1	-75.7	-6.8	-75.7	0.00	0.00	0.00
7,200.0	1.44	185.16	7,199.0	-78.2	-7.1	-78.2	0.00	0.00	0.00
7,300.0	1.44	185.16	7,299.0	-80.7	-7.3	-80.7	0.00	0.00	0.00
7,400.0	1.44	185.16	7,399.0	-83.2	-7.5	-83.2	0.00	0.00	0.00
7,500.0	1.44	185.16	7,498.9	-85.7	-7.7	-85.6	0.00	0.00	0.00
7,600.0	1.44	185.16	7,598.9	-88.2	-8.0	-88.1	0.00	0.00	0.00
7,700.0	1.44	185.16	7,698.9	-90.7	-8.2	-90.6	0.00	0.00	0.00
7,800.0	1.44	185.16	7,798.8	-93.2	-8.4	-93.1	0.00	0.00	0.00
7,900.0	1.44	185.16	7,898.8	-95.7	-8.6	-95.6	0.00	0.00	0.00
8,000.0	1.44	185.16	7,998.8	-98.2	-8.9	-98.1	0.00	0.00	0.00
8,100.0	1.44	185.16	8,098.7	-100.7	-9.1	-100.6	0.00	0.00	0.00
8,200.0	1.44	185.16	8,198.7	-103.2	-9.3	-103.1	0.00	0.00	0.00
8,300.0	1.44	185.16	8,298.7	-105.7	-9.5	-105.6	0.00	0.00	0.00
8,400.0	1.44	185.16	8,398.6	-108.2	-9.8	-108.1	0.00	0.00	0.00
8,500.0	1.44	185.16	8,498.6	-110.8	-10.0	-110.6	0.00	0.00	0.00
8,600.0	1.44	185.16	8,598.6	-113.3	-10.2	-113.1	0.00	0.00	0.00
8,700.0	1.44	185.16	8,698.5	-115.8	-10.4	-115.6	0.00	0.00	0.00
8,800.0	1.44	185.16	8,798.5	-118.3	-10.7	-118.1	0.00	0.00	0.00
8,900.0	1.44	185.16	8,898.5	-120.8	-10.9	-120.6	0.00	0.00	0.00
9,000.0	1.44	185.16	8,998.5	-123.3	-11.1	-123.1	0.00	0.00	0.00
9,100.0	1.44	185.16	9,098.4	-125.8	-11.3	-125.6	0.00	0.00	0.00
9,200.0	1.44	185.16	9,198.4	-128.3	-11.6	-128.1	0.00	0.00	0.00
9,300.0	1.44	185.16	9,298.4	-130.8	-11.8	-130.6	0.00	0.00	0.00
9,400.0	1.44	185.16	9,398.3	-133.3	-12.0	-133.1	0.00	0.00	0.00
9,500.0	1.44	185.16	9,498.3	-135.8	-12.3	-135.6	0.00	0.00	0.00
9,600.0	1.44	185.16	9,598.3	-138.3	-12.5	-138.1	0.00	0.00	0.00
9,700.0	1.44	185.16	9,698.2	-140.8	-12.7	-140.6	0.00	0.00	0.00
9,800.0	1.44	185.16	9,798.2	-143.3	-12.9	-143.1	0.00	0.00	0.00
9,900.0	1.44	185.16	9,898.2	-145.8	-13.2	-145.6	0.00	0.00	0.00
10,000.0	1.44	185.16	9,998.1	-148.3	-13.4	-148.1	0.00	0.00	0.00
10,100.0	1.44	185.16	10,098.1	-150.8	-13.6	-150.6	0.00	0.00	0.00
10,200.0	1.44	185.16	10,198.1	-153.3	-13.8	-153.1	0.00	0.00	0.00
10,300.0	1.44	185.16	10,298.0	-155.8	-14.1	-155.6	0.00	0.00	0.00
10,400.0	1.44	185.16	10,398.0	-158.3	-14.3	-158.1	0.00	0.00	0.00
10,500.0	1.44	185.16	10,498.0	-160.8	-14.5	-160.6	0.00	0.00	0.00
10,600.0	1.44	185.16	10,597.9	-163.3	-14.7	-163.1	0.00	0.00	0.00

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #605H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3391.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3391.0usft
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#605H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	1.44	185.16	10,697.9	-165.8	-15.0	-165.6	0.00	0.00	0.00
10,800.0	1.44	185.16	10,797.9	-168.3	-15.2	-168.1	0.00	0.00	0.00
10,900.0	1.44	185.16	10,897.9	-170.8	-15.4	-170.6	0.00	0.00	0.00
11,000.0	1.44	185.16	10,997.8	-173.3	-15.6	-173.1	0.00	0.00	0.00
11,100.0	1.44	185.16	11,097.8	-175.8	-15.9	-175.6	0.00	0.00	0.00
11,200.0	1.44	185.16	11,197.8	-178.3	-16.1	-178.1	0.00	0.00	0.00
11,300.0	1.44	185.16	11,297.7	-180.8	-16.3	-180.6	0.00	0.00	0.00
11,400.0	1.44	185.16	11,397.7	-183.3	-16.5	-183.1	0.00	0.00	0.00
11,500.0	1.44	185.16	11,497.7	-185.8	-16.8	-185.6	0.00	0.00	0.00
11,600.0	1.44	185.16	11,597.6	-188.3	-17.0	-188.1	0.00	0.00	0.00
11,700.0	1.44	185.16	11,697.6	-190.8	-17.2	-190.6	0.00	0.00	0.00
11,800.0	1.44	185.16	11,797.6	-193.3	-17.4	-193.1	0.00	0.00	0.00
11,900.0	1.44	185.16	11,897.5	-195.8	-17.7	-195.6	0.00	0.00	0.00
11,960.1	1.44	185.16	11,957.6	-197.3	-17.8	-197.1	0.00	0.00	0.00
11,975.0	0.38	338.37	11,972.5	-197.4	-17.8	-197.2	12.00	-7.07	1,027.05
12,000.0	3.36	357.24	11,997.5	-196.6	-17.9	-196.4	12.00	11.91	75.49
12,025.0	6.36	358.36	12,022.4	-194.5	-18.0	-194.3	12.00	11.99	4.49
12,050.0	9.36	358.77	12,047.2	-191.1	-18.1	-190.9	12.00	12.00	1.62
12,075.0	12.36	358.98	12,071.7	-186.4	-18.2	-186.2	12.00	12.00	0.84
12,100.0	15.36	359.10	12,096.0	-180.4	-18.3	-180.2	12.00	12.00	0.51
12,125.0	18.36	359.19	12,119.9	-173.1	-18.4	-172.9	12.00	12.00	0.35
12,150.0	21.36	359.25	12,143.4	-164.7	-18.5	-164.4	12.00	12.00	0.25
12,175.0	24.36	359.30	12,166.5	-154.9	-18.6	-154.7	12.00	12.00	0.19
12,200.0	27.36	359.34	12,189.0	-144.0	-18.7	-143.8	12.00	12.00	0.15
12,225.0	30.36	359.37	12,210.8	-132.0	-18.9	-131.8	12.00	12.00	0.13
12,250.0	33.36	359.40	12,232.1	-118.8	-19.0	-118.6	12.00	12.00	0.10
12,275.0	36.36	359.42	12,252.6	-104.5	-19.2	-104.3	12.00	12.00	0.09
12,300.0	39.36	359.44	12,272.3	-89.2	-19.3	-88.9	12.00	12.00	0.08
12,325.0	42.36	359.46	12,291.2	-72.8	-19.5	-72.6	12.00	12.00	0.07
12,350.0	45.36	359.47	12,309.3	-55.5	-19.6	-55.3	12.00	12.00	0.06
12,375.0	48.36	359.49	12,326.3	-37.3	-19.8	-37.0	12.00	12.00	0.05
12,400.0	51.36	359.50	12,342.5	-18.1	-20.0	-17.9	12.00	12.00	0.05
12,425.0	54.36	359.51	12,357.6	1.8	-20.1	2.0	12.00	12.00	0.05
12,450.0	57.36	359.52	12,371.6	22.5	-20.3	22.7	12.00	12.00	0.04
12,475.0	60.36	359.53	12,384.5	43.9	-20.5	44.1	12.00	12.00	0.04
12,500.0	63.36	359.54	12,396.3	65.9	-20.7	66.1	12.00	12.00	0.04
12,525.0	66.36	359.55	12,406.9	88.5	-20.8	88.8	12.00	12.00	0.04
12,550.0	69.36	359.56	12,416.3	111.7	-21.0	111.9	12.00	12.00	0.03
12,575.0	72.36	359.57	12,424.5	135.3	-21.2	135.5	12.00	12.00	0.03
12,600.0	75.36	359.57	12,431.5	159.3	-21.4	159.5	12.00	12.00	0.03
12,625.0	78.36	359.58	12,437.2	183.7	-21.6	183.9	12.00	12.00	0.03
12,650.0	81.36	359.59	12,441.6	208.3	-21.7	208.5	12.00	12.00	0.03
12,675.0	84.36	359.60	12,444.7	233.1	-21.9	233.3	12.00	12.00	0.03
12,700.0	87.36	359.60	12,446.5	258.0	-22.1	258.2	12.00	12.00	0.03
12,722.0	90.00	359.61	12,447.0	280.0	-22.2	280.2	12.00	12.00	0.03
12,800.0	90.00	359.61	12,447.0	358.0	-22.8	358.2	0.00	0.00	0.00
12,900.0	90.00	359.61	12,447.0	458.0	-23.5	458.2	0.00	0.00	0.00
13,000.0	90.00	359.61	12,447.0	558.0	-24.1	558.2	0.00	0.00	0.00
13,100.0	90.00	359.61	12,447.0	658.0	-24.8	658.2	0.00	0.00	0.00
13,200.0	90.00	359.61	12,447.0	758.0	-25.5	758.2	0.00	0.00	0.00
13,300.0	90.00	359.61	12,447.0	858.0	-26.2	858.2	0.00	0.00	0.00
13,400.0	90.00	359.61	12,447.0	958.0	-26.9	958.2	0.00	0.00	0.00
13,500.0	90.00	359.61	12,447.0	1,058.0	-27.5	1,058.2	0.00	0.00	0.00
13,600.0	90.00	359.61	12,447.0	1,158.0	-28.2	1,158.2	0.00	0.00	0.00

Database:	EDM 5000.14	**Local Co-ordinate Reference:**	Well #605H
Company:	EOG Resources - Midland	**TVD Reference:**	KB = 25' @ 3391.0usft
Project:	Lea County, NM (NAD 83 NME)	**MD Reference:**	KB = 25' @ 3391.0usft
Site:	Streetcar 15 Fed	**North Reference:**	Grid
Well:	#605H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	359.61	12,447.0	1,258.0	-28.9	1,258.2	0.00	0.00	0.00
13,800.0	90.00	359.61	12,447.0	1,358.0	-29.6	1,358.2	0.00	0.00	0.00
13,900.0	90.00	359.61	12,447.0	1,458.0	-30.3	1,458.2	0.00	0.00	0.00
14,000.0	90.00	359.61	12,447.0	1,558.0	-30.9	1,558.2	0.00	0.00	0.00
14,100.0	90.00	359.61	12,447.0	1,658.0	-31.6	1,658.2	0.00	0.00	0.00
14,200.0	90.00	359.61	12,447.0	1,758.0	-32.3	1,758.2	0.00	0.00	0.00
14,300.0	90.00	359.61	12,447.0	1,858.0	-33.0	1,858.2	0.00	0.00	0.00
14,400.0	90.00	359.61	12,447.0	1,957.9	-33.7	1,958.2	0.00	0.00	0.00
14,500.0	90.00	359.61	12,447.0	2,057.9	-34.3	2,058.2	0.00	0.00	0.00
14,600.0	90.00	359.61	12,447.0	2,157.9	-35.0	2,158.2	0.00	0.00	0.00
14,700.0	90.00	359.61	12,447.0	2,257.9	-35.7	2,258.2	0.00	0.00	0.00
14,800.0	90.00	359.61	12,447.0	2,357.9	-36.4	2,358.2	0.00	0.00	0.00
14,900.0	90.00	359.61	12,447.0	2,457.9	-37.1	2,458.2	0.00	0.00	0.00
15,000.0	90.00	359.61	12,447.0	2,557.9	-37.7	2,558.2	0.00	0.00	0.00
15,100.0	90.00	359.61	12,447.0	2,657.9	-38.4	2,658.2	0.00	0.00	0.00
15,200.0	90.00	359.61	12,447.0	2,757.9	-39.1	2,758.2	0.00	0.00	0.00
15,300.0	90.00	359.61	12,447.0	2,857.9	-39.8	2,858.2	0.00	0.00	0.00
15,400.0	90.00	359.61	12,447.0	2,957.9	-40.5	2,958.2	0.00	0.00	0.00
15,500.0	90.00	359.61	12,447.0	3,057.9	-41.1	3,058.2	0.00	0.00	0.00
15,600.0	90.00	359.61	12,447.0	3,157.9	-41.8	3,158.2	0.00	0.00	0.00
15,700.0	90.00	359.61	12,447.0	3,257.9	-42.5	3,258.2	0.00	0.00	0.00
15,800.0	90.00	359.61	12,447.0	3,357.9	-43.2	3,358.2	0.00	0.00	0.00
15,900.0	90.00	359.61	12,447.0	3,457.9	-43.9	3,458.2	0.00	0.00	0.00
16,000.0	90.00	359.61	12,447.0	3,557.9	-44.6	3,558.2	0.00	0.00	0.00
16,100.0	90.00	359.61	12,447.0	3,657.9	-45.2	3,658.2	0.00	0.00	0.00
16,200.0	90.00	359.61	12,447.0	3,757.9	-45.9	3,758.2	0.00	0.00	0.00
16,300.0	90.00	359.61	12,447.0	3,857.9	-46.6	3,858.2	0.00	0.00	0.00
16,400.0	90.00	359.61	12,447.0	3,957.9	-47.3	3,958.2	0.00	0.00	0.00
16,500.0	90.00	359.61	12,447.0	4,057.9	-48.0	4,058.2	0.00	0.00	0.00
16,600.0	90.00	359.61	12,447.0	4,157.9	-48.6	4,158.2	0.00	0.00	0.00
16,700.0	90.00	359.61	12,447.0	4,257.9	-49.3	4,258.2	0.00	0.00	0.00
16,800.0	90.00	359.61	12,447.0	4,357.9	-50.0	4,358.2	0.00	0.00	0.00
16,900.0	90.00	359.61	12,447.0	4,457.9	-50.7	4,458.2	0.00	0.00	0.00
17,000.0	90.00	359.61	12,447.0	4,557.9	-51.4	4,558.2	0.00	0.00	0.00
17,100.0	90.00	359.61	12,447.0	4,657.9	-52.0	4,658.2	0.00	0.00	0.00
17,200.0	90.00	359.61	12,447.0	4,757.9	-52.7	4,758.2	0.00	0.00	0.00
17,241.1	90.00	359.61	12,447.0	4,799.0	-53.0	4,799.3	0.00	0.00	0.00

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 (Streetcar 15 Fed - plan hits target center - Point	0.00	0.00	12,447.0	4,799.0	-53.0	414,491.00	779,369.00	32° 8' 13.843 N	103° 33' 51.563 W
FTP (Streetcar 15 Fed # - plan misses target center by 40.2usft at 12532.2usft MD (12409.8 TVD, 95.2 N, -20.9 E) - Point	0.00	0.00	12,447.0	80.0	-21.0	409,772.00	779,401.00	32° 7' 27.144 N	103° 33' 51.583 W