



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: 6.52°
Magnetic Field
Strength: 47872.0nT
Dip Angle: 58.97°
Date: 7/18/2017
Model: IGRF2015

Lea County, NM (NAD 83 NME)

Streetcar 15 Fed

#603H

Plan #0.1

WELL DETAILS #603H

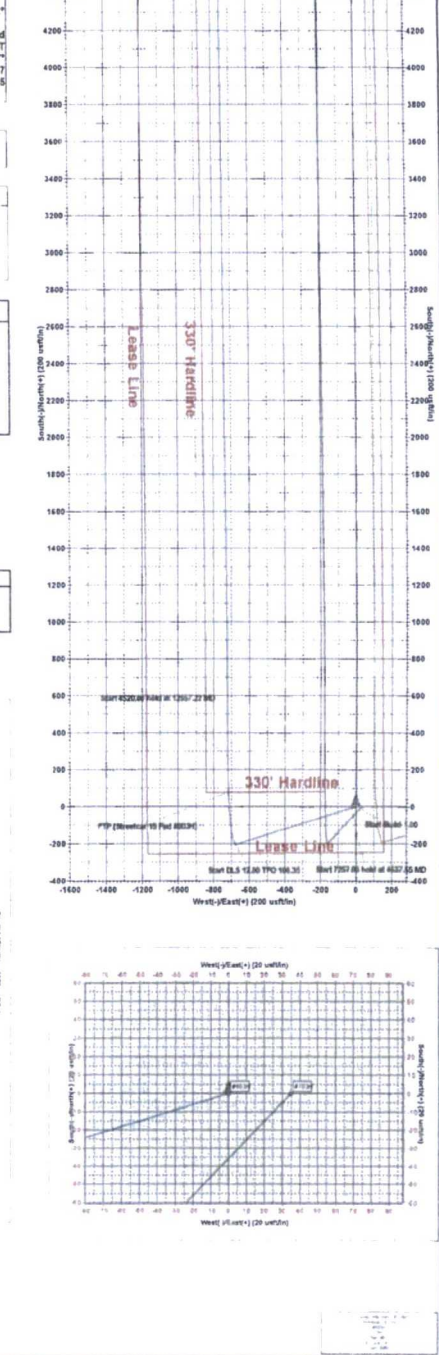
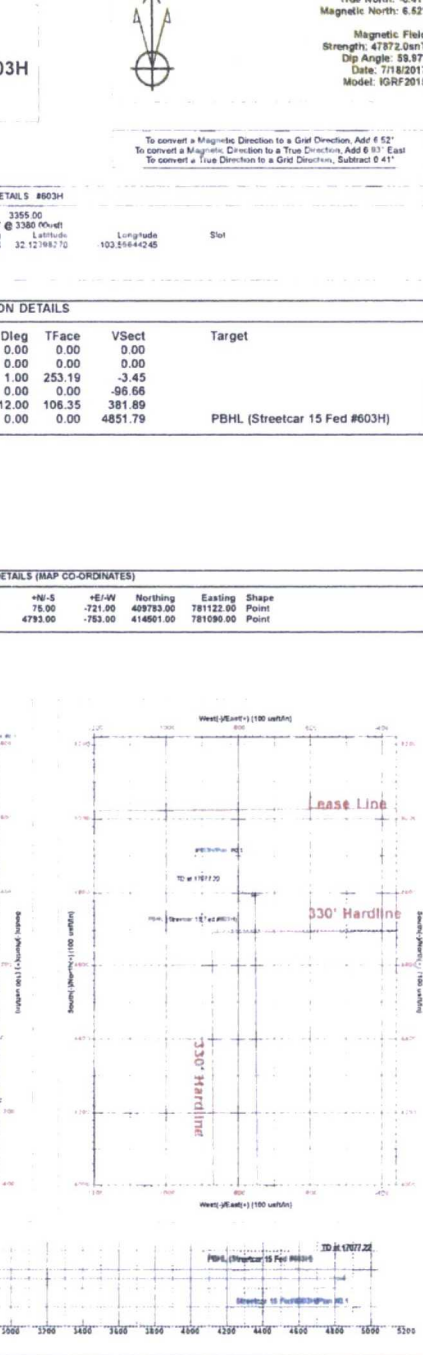
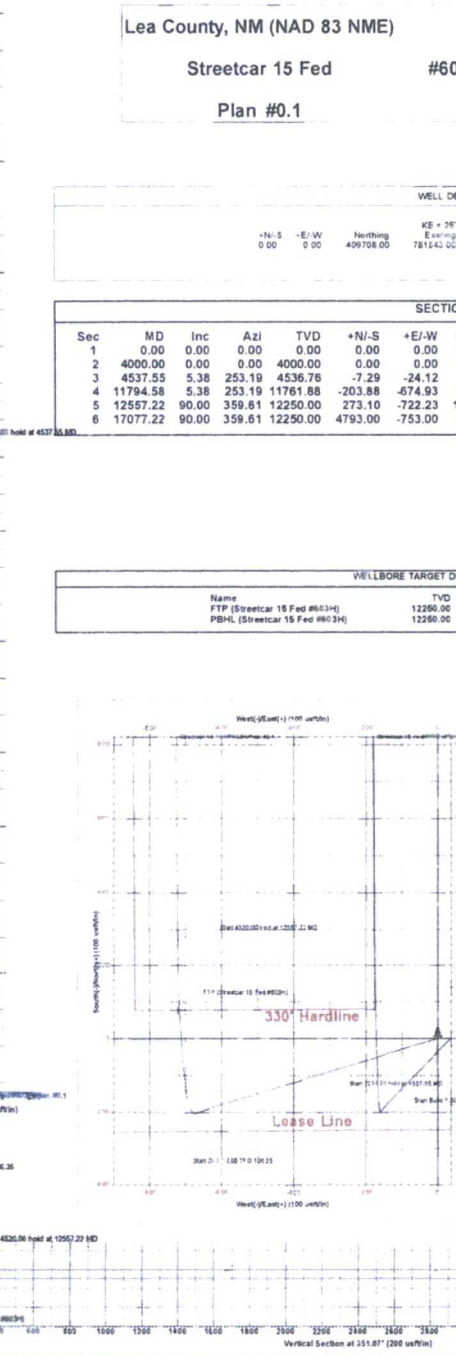
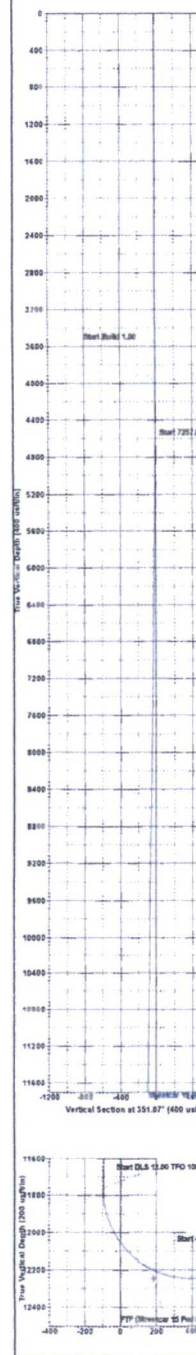
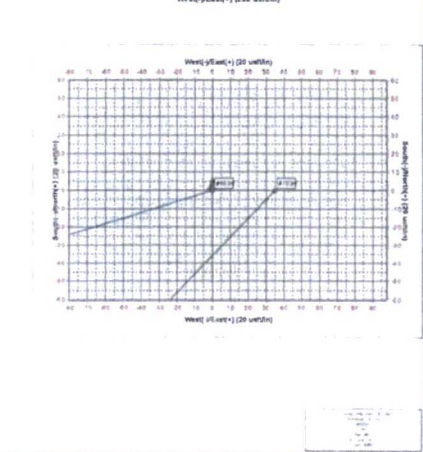
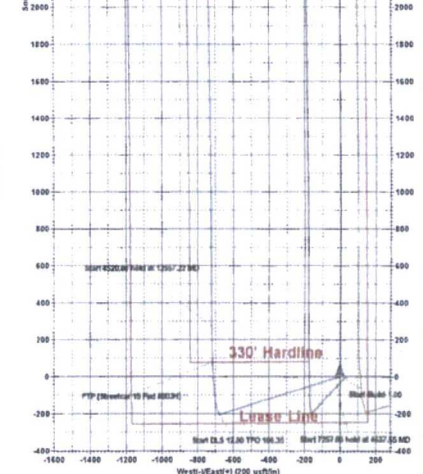
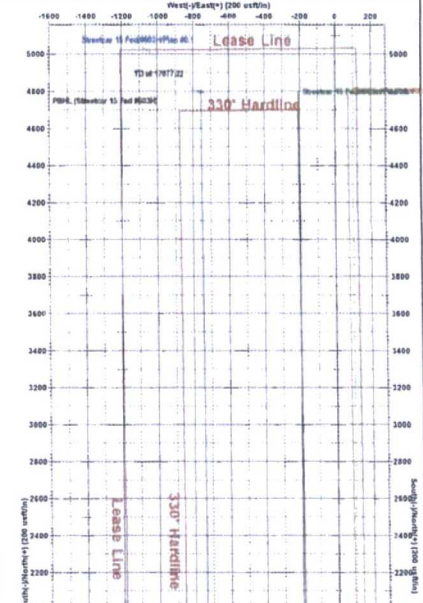
3255.00
KB = 2F @ 3380 R/West
+N-S -E-W Northing Easting Longitude Slot
0.00 0.00 409708.00 781542.00 32.12788370 102.51644245

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dieg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	
3	4537.55	5.38	253.19	4536.76	-7.29	-24.12	1.00	253.19	-3.45	
4	11794.58	5.38	253.19	11761.88	-203.88	-474.93	0.00	0.00	-96.66	
5	12557.22	90.00	359.61	12250.00	273.10	-722.23	12.00	106.35	381.89	
6	17077.22	90.00	359.61	12250.00	4793.00	-753.00	0.00	0.00	4851.79	PBHL (Streetcar 15 Fed #603H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting	Shape
FTP (Streetcar 15 Fed #603H)	12250.00	75.00	-721.00	409783.00	781122.00	Point
PBHL (Streetcar 15 Fed #603H)	12250.00	4793.00	-753.00	414501.00	781090.00	Point





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Streetcar 15 Fed

#603H

OH

Plan: Plan #0.1

Standard Planning Report

18 July, 2017



EOG Resources, Inc.

Planning Report

Database: EDM 5000.14 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Streetcar 15 Fed
Well: #603H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #603H
TVD Reference: KB = 25' @ 3380.00usft
MD Reference: KB = 25' @ 3380.00usft
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
From: Map		Easting:	782,680.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.12398257
		Longitude:	-103.55373881
		Grid Convergence:	0.41 °

Well	#603H		
Well Position	+N/-S	-6.00 usft	Northing: 409,708.00 usft
	+E/-W	-837.00 usft	Easting: 781,843.00 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	3.355.00 usft
		Latitude:	32.12398270
		Longitude:	-103.55644245
		Ground Level:	3.355.00 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	7/18/2017	6.93
			Dip Angle (°)
			59.97
			Field Strength (nT)
			47,872.03590783

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			351.07

Plan Survey Tool Program	Date 7/18/2017		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name
1 0.00	17,077.22	Plan #0.1 (OH)	MWD
			MWD - Standard
			Remarks

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,537.55	5.38	253.19	4,536.76	-7.29	-24.12	1.00	1.00	0.00	253.19	
11,794.58	5.38	253.19	11,761.88	-203.88	-674.93	0.00	0.00	0.00	0.00	
12,557.22	90.00	359.61	12,250.00	273.10	-722.23	12.00	11.10	13.95	106.35	
17,077.22	90.00	359.61	12,250.00	4,793.00	-753.00	0.00	0.00	0.00	0.00	PBHL (Streetcar 15 F



EOG Resources, Inc.
Planning Report

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Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Streetcar 15 Fed
Well: #603H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #603H
TVD Reference: KB = 25' @ 3380.00usft
MD Reference: KB = 25' @ 3380.00usft
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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	1.00	253.19	4,100.00	-0.25	-0.84	-0.12	1.00	1.00	0.00
4,200.00	2.00	253.19	4,199.96	-1.01	-3.34	-0.48	1.00	1.00	0.00
4,300.00	3.00	253.19	4,299.86	-2.27	-7.52	-1.08	1.00	1.00	0.00
4,400.00	4.00	253.19	4,399.68	-4.04	-13.36	-1.91	1.00	1.00	0.00
4,500.00	5.00	253.19	4,499.37	-6.30	-20.87	-2.99	1.00	1.00	0.00
4,537.55	5.38	253.19	4,536.76	-7.29	-24.12	-3.45	1.00	1.00	0.00
4,600.00	5.38	253.19	4,598.94	-8.98	-29.72	-4.26	0.00	0.00	0.00
4,700.00	5.38	253.19	4,698.50	-11.69	-38.69	-5.54	0.00	0.00	0.00
4,800.00	5.38	253.19	4,798.06	-14.40	-47.66	-6.83	0.00	0.00	0.00
4,900.00	5.38	253.19	4,897.62	-17.11	-56.63	-8.11	0.00	0.00	0.00
5,000.00	5.38	253.19	4,997.18	-19.81	-65.59	-9.39	0.00	0.00	0.00
5,100.00	5.38	253.19	5,096.74	-22.52	-74.56	-10.68	0.00	0.00	0.00
5,200.00	5.38	253.19	5,196.30	-25.23	-83.53	-11.96	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

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 Project: Lea County, NM (NAD 83 NME)
 Site: Streetcar 15 Fed
 Well: #603H
 Wellbore: OH
 Design: Plan #0.1

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

Well #603H
 KB = 25' @ 3380.00usft
 KB = 25' @ 3380.00usft
 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)
5,300.00	5.38	253.19	5,295.86	-27.94	-92.50	-13.25	0.00	0.00	0.00
5,400.00	5.38	253.19	5,395.42	-30.65	-101.47	-14.53	0.00	0.00	0.00
5,500.00	5.38	253.19	5,494.98	-33.36	-110.43	-15.82	0.00	0.00	0.00
5,600.00	5.38	253.19	5,594.54	-36.07	-119.40	-17.10	0.00	0.00	0.00
5,700.00	5.38	253.19	5,694.10	-38.78	-128.37	-18.38	0.00	0.00	0.00
5,800.00	5.38	253.19	5,793.66	-41.49	-137.34	-19.67	0.00	0.00	0.00
5,900.00	5.38	253.19	5,893.22	-44.20	-146.31	-20.95	0.00	0.00	0.00
6,000.00	5.38	253.19	5,992.78	-46.90	-155.27	-22.24	0.00	0.00	0.00
6,100.00	5.38	253.19	6,092.34	-49.61	-164.24	-23.52	0.00	0.00	0.00
6,200.00	5.38	253.19	6,191.90	-52.32	-173.21	-24.81	0.00	0.00	0.00
6,300.00	5.38	253.19	6,291.46	-55.03	-182.18	-26.09	0.00	0.00	0.00
6,400.00	5.38	253.19	6,391.02	-57.74	-191.15	-27.38	0.00	0.00	0.00
6,500.00	5.38	253.19	6,490.58	-60.45	-200.11	-28.66	0.00	0.00	0.00
6,600.00	5.38	253.19	6,590.14	-63.16	-209.08	-29.94	0.00	0.00	0.00
6,700.00	5.38	253.19	6,689.70	-65.87	-218.05	-31.23	0.00	0.00	0.00
6,800.00	5.38	253.19	6,789.26	-68.58	-227.02	-32.51	0.00	0.00	0.00
6,900.00	5.38	253.19	6,888.82	-71.29	-235.98	-33.80	0.00	0.00	0.00
7,000.00	5.38	253.19	6,988.38	-74.00	-244.95	-35.08	0.00	0.00	0.00
7,100.00	5.38	253.19	7,087.94	-76.70	-253.92	-36.37	0.00	0.00	0.00
7,200.00	5.38	253.19	7,187.50	-79.41	-262.89	-37.65	0.00	0.00	0.00
7,300.00	5.38	253.19	7,287.06	-82.12	-271.86	-38.93	0.00	0.00	0.00
7,400.00	5.38	253.19	7,386.62	-84.83	-280.82	-40.22	0.00	0.00	0.00
7,500.00	5.38	253.19	7,486.18	-87.54	-289.79	-41.50	0.00	0.00	0.00
7,600.00	5.38	253.19	7,585.74	-90.25	-298.76	-42.79	0.00	0.00	0.00
7,700.00	5.38	253.19	7,685.30	-92.96	-307.73	-44.07	0.00	0.00	0.00
7,800.00	5.38	253.19	7,784.86	-95.67	-316.70	-45.36	0.00	0.00	0.00
7,900.00	5.38	253.19	7,884.42	-98.38	-325.66	-46.64	0.00	0.00	0.00
8,000.00	5.38	253.19	7,983.98	-101.09	-334.63	-47.93	0.00	0.00	0.00
8,100.00	5.38	253.19	8,083.54	-103.79	-343.60	-49.21	0.00	0.00	0.00
8,200.00	5.38	253.19	8,183.11	-106.50	-352.57	-50.49	0.00	0.00	0.00
8,300.00	5.38	253.19	8,282.67	-109.21	-361.54	-51.78	0.00	0.00	0.00
8,400.00	5.38	253.19	8,382.23	-111.92	-370.50	-53.06	0.00	0.00	0.00
8,500.00	5.38	253.19	8,481.79	-114.63	-379.47	-54.35	0.00	0.00	0.00
8,600.00	5.38	253.19	8,581.35	-117.34	-388.44	-55.63	0.00	0.00	0.00
8,700.00	5.38	253.19	8,680.91	-120.05	-397.41	-56.92	0.00	0.00	0.00
8,800.00	5.38	253.19	8,780.47	-122.76	-406.38	-58.20	0.00	0.00	0.00
8,900.00	5.38	253.19	8,880.03	-125.47	-415.34	-59.48	0.00	0.00	0.00
9,000.00	5.38	253.19	8,979.59	-128.18	-424.31	-60.77	0.00	0.00	0.00
9,100.00	5.38	253.19	9,079.15	-130.88	-433.28	-62.05	0.00	0.00	0.00
9,200.00	5.38	253.19	9,178.71	-133.59	-442.25	-63.34	0.00	0.00	0.00
9,300.00	5.38	253.19	9,278.27	-136.30	-451.22	-64.62	0.00	0.00	0.00
9,400.00	5.38	253.19	9,377.83	-139.01	-460.18	-65.91	0.00	0.00	0.00
9,500.00	5.38	253.19	9,477.39	-141.72	-469.15	-67.19	0.00	0.00	0.00
9,600.00	5.38	253.19	9,576.95	-144.43	-478.12	-68.48	0.00	0.00	0.00
9,700.00	5.38	253.19	9,676.51	-147.14	-487.09	-69.76	0.00	0.00	0.00
9,800.00	5.38	253.19	9,776.07	-149.85	-496.06	-71.04	0.00	0.00	0.00
9,900.00	5.38	253.19	9,875.63	-152.56	-505.02	-72.33	0.00	0.00	0.00
10,000.00	5.38	253.19	9,975.19	-155.27	-513.99	-73.61	0.00	0.00	0.00
10,100.00	5.38	253.19	10,074.75	-157.98	-522.96	-74.90	0.00	0.00	0.00
10,200.00	5.38	253.19	10,174.31	-160.68	-531.93	-76.18	0.00	0.00	0.00
10,300.00	5.38	253.19	10,273.87	-163.39	-540.90	-77.47	0.00	0.00	0.00
10,400.00	5.38	253.19	10,373.43	-166.10	-549.86	-78.75	0.00	0.00	0.00
10,500.00	5.38	253.19	10,472.99	-168.81	-558.83	-80.03	0.00	0.00	0.00
10,600.00	5.38	253.19	10,572.55	-171.52	-567.80	-81.32	0.00	0.00	0.00



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 MD Reference: KB = 25' @ 3380.00usft
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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)
10,700.00	5.38	253.19	10,672.11	-174.23	-576.77	-82.60	0.00	0.00	0.00
10,800.00	5.38	253.19	10,771.67	-176.94	-585.73	-83.89	0.00	0.00	0.00
10,900.00	5.38	253.19	10,871.23	-179.65	-594.70	-85.17	0.00	0.00	0.00
11,000.00	5.38	253.19	10,970.79	-182.36	-603.67	-86.46	0.00	0.00	0.00
11,100.00	5.38	253.19	11,070.35	-185.07	-612.64	-87.74	0.00	0.00	0.00
11,200.00	5.38	253.19	11,169.91	-187.77	-621.61	-89.03	0.00	0.00	0.00
11,300.00	5.38	253.19	11,269.47	-190.48	-630.57	-90.31	0.00	0.00	0.00
11,400.00	5.38	253.19	11,369.03	-193.19	-639.54	-91.59	0.00	0.00	0.00
11,500.00	5.38	253.19	11,468.59	-195.90	-648.51	-92.88	0.00	0.00	0.00
11,600.00	5.38	253.19	11,568.15	-198.61	-657.48	-94.16	0.00	0.00	0.00
11,700.00	5.38	253.19	11,667.71	-201.32	-666.45	-95.45	0.00	0.00	0.00
11,794.58	5.38	253.19	11,761.88	-203.88	-674.93	-96.66	0.00	0.00	0.00
11,800.00	5.23	260.05	11,767.27	-204.00	-675.41	-96.70	12.00	-2.69	126.63
11,825.00	5.58	292.12	11,792.17	-203.74	-677.66	-96.09	12.00	1.40	128.25
11,850.00	7.27	314.59	11,817.01	-202.17	-679.92	-94.20	12.00	6.77	89.89
11,875.00	9.62	327.44	11,841.74	-199.30	-682.17	-91.01	12.00	9.40	51.40
11,900.00	12.26	335.06	11,866.29	-195.13	-684.41	-86.54	12.00	10.54	30.48
11,925.00	15.03	339.96	11,890.58	-189.68	-686.64	-80.81	12.00	11.08	19.61
11,950.00	17.87	343.35	11,914.56	-182.96	-688.85	-73.83	12.00	11.37	13.56
11,975.00	20.76	345.83	11,938.15	-174.98	-691.04	-65.61	12.00	11.55	9.92
12,000.00	23.67	347.73	11,961.29	-165.78	-693.19	-56.19	12.00	11.65	7.58
12,025.00	26.60	349.23	11,983.92	-155.38	-695.30	-45.58	12.00	11.73	6.00
12,050.00	29.55	350.45	12,005.98	-143.80	-697.37	-33.82	12.00	11.78	4.88
12,075.00	32.50	351.47	12,027.40	-131.07	-699.39	-20.94	12.00	11.82	4.07
12,100.00	35.46	352.33	12,048.13	-117.24	-701.36	-6.97	12.00	11.84	3.46
12,125.00	38.43	353.08	12,068.10	-102.34	-703.26	8.05	12.00	11.86	2.99
12,150.00	41.40	353.73	12,087.28	-86.41	-705.10	24.07	12.00	11.88	2.62
12,175.00	44.37	354.32	12,105.59	-69.49	-706.87	41.06	12.00	11.89	2.33
12,200.00	47.35	354.84	12,123.00	-51.63	-708.56	58.97	12.00	11.91	2.10
12,225.00	50.33	355.32	12,139.46	-32.88	-710.17	77.74	12.00	11.91	1.90
12,250.00	53.31	355.75	12,154.91	-13.29	-711.70	97.33	12.00	11.92	1.75
12,275.00	56.29	356.16	12,169.32	7.09	-713.14	117.68	12.00	11.93	1.62
12,300.00	59.27	356.53	12,182.65	28.19	-714.49	138.74	12.00	11.93	1.51
12,325.00	62.26	356.89	12,194.86	49.97	-715.74	160.44	12.00	11.94	1.42
12,350.00	65.24	357.22	12,205.91	72.36	-716.89	182.74	12.00	11.94	1.34
12,370.02	67.63	357.48	12,213.91	90.68	-717.73	200.98	12.00	11.94	1.28
FTP (Streetcar 15 Fed #603H)									
12,375.00	68.23	357.54	12,215.79	95.30	-717.94	205.57	12.00	11.94	1.26
12,400.00	71.21	357.85	12,224.45	118.73	-718.88	228.86	12.00	11.94	1.23
12,425.00	74.20	358.15	12,231.88	142.58	-719.71	252.55	12.00	11.95	1.18
12,450.00	77.19	358.43	12,238.06	166.79	-720.43	276.58	12.00	11.95	1.15
12,475.00	80.17	358.71	12,242.97	191.29	-721.04	300.88	12.00	11.95	1.12
12,500.00	83.16	358.99	12,246.59	216.02	-721.54	325.39	12.00	11.95	1.10
12,525.00	86.15	359.26	12,248.92	240.91	-721.92	350.03	12.00	11.95	1.09
12,550.00	89.14	359.53	12,249.95	265.88	-722.18	374.74	12.00	11.95	1.08
12,557.22	90.00	359.61	12,250.00	273.10	-722.23	381.89	12.00	11.95	1.08
12,600.00	90.00	359.61	12,250.00	315.88	-722.52	424.19	0.00	0.00	0.00
12,700.00	90.00	359.61	12,250.00	415.88	-723.21	523.08	0.00	0.00	0.00
12,800.00	90.00	359.61	12,250.00	515.87	-723.89	621.97	0.00	0.00	0.00
12,900.00	90.00	359.61	12,250.00	615.87	-724.57	720.86	0.00	0.00	0.00
13,000.00	90.00	359.61	12,250.00	715.87	-725.25	819.75	0.00	0.00	0.00
13,100.00	90.00	359.61	12,250.00	815.87	-725.93	918.65	0.00	0.00	0.00
13,200.00	90.00	359.61	12,250.00	915.87	-726.61	1,017.54	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.14 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Streetcar 15 Fed
 Well: #603H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #603H
 TVD Reference: KB = 25' @ 3380.00usft
 MD Reference: KB = 25' @ 3380.00usft
 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)
13,300.00	90.00	359.61	12,250.00	1,015.86	-727.29	1,116.43	0.00	0.00	0.00
13,400.00	90.00	359.61	12,250.00	1,115.86	-727.97	1,215.32	0.00	0.00	0.00
13,500.00	90.00	359.61	12,250.00	1,215.86	-728.65	1,314.21	0.00	0.00	0.00
13,600.00	90.00	359.61	12,250.00	1,315.86	-729.33	1,413.10	0.00	0.00	0.00
13,700.00	90.00	359.61	12,250.00	1,415.85	-730.01	1,512.00	0.00	0.00	0.00
13,800.00	90.00	359.61	12,250.00	1,515.85	-730.69	1,610.89	0.00	0.00	0.00
13,900.00	90.00	359.61	12,250.00	1,615.85	-731.37	1,709.78	0.00	0.00	0.00
14,000.00	90.00	359.61	12,250.00	1,715.85	-732.05	1,808.67	0.00	0.00	0.00
14,100.00	90.00	359.61	12,250.00	1,815.84	-732.73	1,907.56	0.00	0.00	0.00
14,200.00	90.00	359.61	12,250.00	1,915.84	-733.42	2,006.45	0.00	0.00	0.00
14,300.00	90.00	359.61	12,250.00	2,015.84	-734.10	2,105.35	0.00	0.00	0.00
14,400.00	90.00	359.61	12,250.00	2,115.84	-734.78	2,204.24	0.00	0.00	0.00
14,500.00	90.00	359.61	12,250.00	2,215.84	-735.46	2,303.13	0.00	0.00	0.00
14,600.00	90.00	359.61	12,250.00	2,315.83	-736.14	2,402.02	0.00	0.00	0.00
14,700.00	90.00	359.61	12,250.00	2,415.83	-736.82	2,500.91	0.00	0.00	0.00
14,800.00	90.00	359.61	12,250.00	2,515.83	-737.50	2,599.80	0.00	0.00	0.00
14,900.00	90.00	359.61	12,250.00	2,615.83	-738.18	2,698.70	0.00	0.00	0.00
15,000.00	90.00	359.61	12,250.00	2,715.82	-738.86	2,797.59	0.00	0.00	0.00
15,100.00	90.00	359.61	12,250.00	2,815.82	-739.54	2,896.48	0.00	0.00	0.00
15,200.00	90.00	359.61	12,250.00	2,915.82	-740.22	2,995.37	0.00	0.00	0.00
15,300.00	90.00	359.61	12,250.00	3,015.82	-740.90	3,094.26	0.00	0.00	0.00
15,400.00	90.00	359.61	12,250.00	3,115.81	-741.58	3,193.15	0.00	0.00	0.00
15,500.00	90.00	359.61	12,250.00	3,215.81	-742.26	3,292.05	0.00	0.00	0.00
15,600.00	90.00	359.61	12,250.00	3,315.81	-742.94	3,390.94	0.00	0.00	0.00
15,700.00	90.00	359.61	12,250.00	3,415.81	-743.63	3,489.83	0.00	0.00	0.00
15,800.00	90.00	359.61	12,250.00	3,515.81	-744.31	3,588.72	0.00	0.00	0.00
15,900.00	90.00	359.61	12,250.00	3,615.80	-744.99	3,687.61	0.00	0.00	0.00
16,000.00	90.00	359.61	12,250.00	3,715.80	-745.67	3,786.50	0.00	0.00	0.00
16,100.00	90.00	359.61	12,250.00	3,815.80	-746.35	3,885.40	0.00	0.00	0.00
16,200.00	90.00	359.61	12,250.00	3,915.80	-747.03	3,984.29	0.00	0.00	0.00
16,300.00	90.00	359.61	12,250.00	4,015.79	-747.71	4,083.18	0.00	0.00	0.00
16,400.00	90.00	359.61	12,250.00	4,115.79	-748.39	4,182.07	0.00	0.00	0.00
16,500.00	90.00	359.61	12,250.00	4,215.79	-749.07	4,280.96	0.00	0.00	0.00
16,600.00	90.00	359.61	12,250.00	4,315.79	-749.75	4,379.85	0.00	0.00	0.00
16,700.00	90.00	359.61	12,250.00	4,415.78	-750.43	4,478.75	0.00	0.00	0.00
16,800.00	90.00	359.61	12,250.00	4,515.78	-751.11	4,577.64	0.00	0.00	0.00
16,900.00	90.00	359.61	12,250.00	4,615.78	-751.79	4,676.53	0.00	0.00	0.00
17,000.00	90.00	359.61	12,250.00	4,715.78	-752.47	4,775.42	0.00	0.00	0.00
17,077.22	90.00	359.61	12,250.00	4,793.00	-753.00	4,851.79	0.00	0.00	0.00

PBHL (Streetcar 15 Fed #603H)

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 #	0.00	0.00	12,250.00	75.00	-721.00	409,783.00	781,122.00	32.12420312	-103.55876953
- hit/miss target									
- Shape									
- plan misses target center by 39.48usft at 12370.02usft MD (12213.91 TVD, 90.68 N, -717.73 E)									
- Point									
PBHL (Streetcar 15 Fed	0.00	0.00	12,250.00	4,793.00	-753.00	414,501.00	781,090.00	32.13717210	-103.55876331
- plan hits target center									
- Point									



EOG Resources, Inc.
Planning Report

Database: EDM 5000.14 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Streetcar 15 Fed
Well: #603H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #603H
TVD Reference: KB = 25' @ 3380.00usft
MD Reference: KB = 25' @ 3380.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature