



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: 6.51°
Magnetic Field
Strength: 47872.4asnT
Dip Angle: 58.97°
Date: 7/18/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.51°
To convert a Magnetic Direction to a True Direction, Add 6.93° East
To convert a True Direction to a Grid Direction, Subtract 0.41°

Lea County, NM (NAD 83 NME)

Streetcar 15 Fed

#702H

Plan #0.1

WELL DETAILS #702H

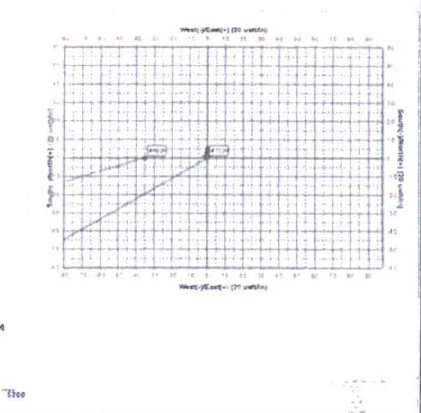
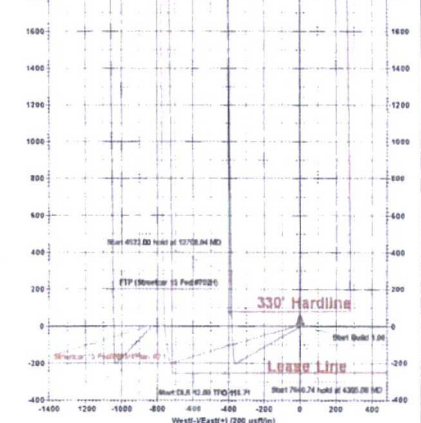
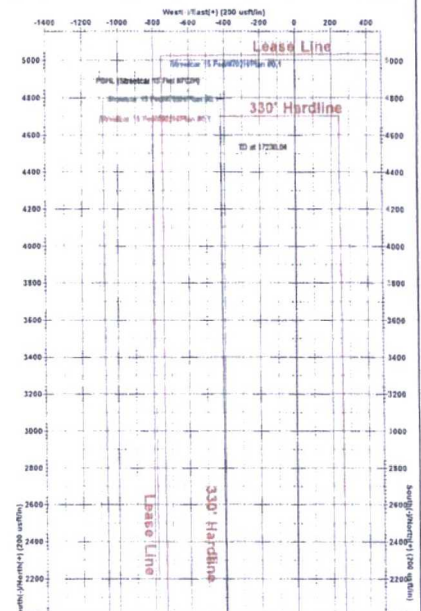
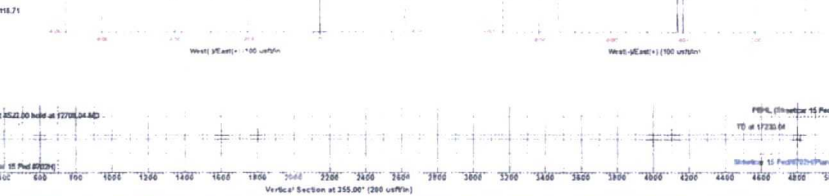
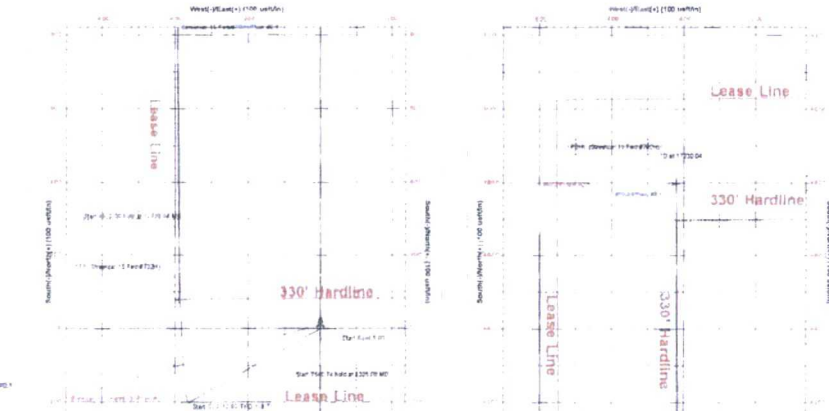
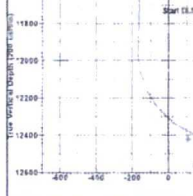
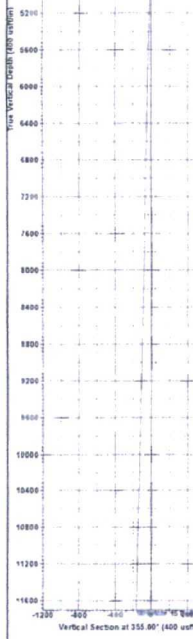
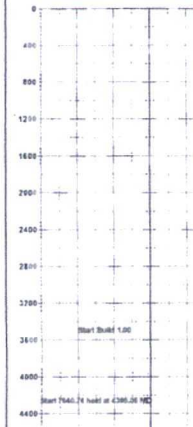
3351.00
KB - 79 @ 3376.00vd
+N-S +E-W Northing Easting
0.00 0.00 409714.00 782715.00 32.12389165 101.55367518 Skt

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	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	4305.08	3.05	240.85	4304.94	-3.96	-7.09	1.00	240.85	-3.32	
4	11945.82	3.05	240.85	11934.85	-202.03	-362.24	0.00	0.00	-160.66	
5	12708.04	90.00	359.60	12424.00	275.11	-388.43	12.00	118.71	307.94	
6	17230.04	90.00	359.60	12424.00	4797.00	-420.00	0.00	0.00	4815.35	PBHL (Streetcar 15 Fed #702H)

WELBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting	Shape
FTP (Streetcar 15 Fed #702H)	12424.00	77.90	-388.00	409791.00	782327.00	Point
PBHL (Streetcar 15 Fed #702H)	12424.00	4797.00	-420.00	414511.00	782295.00	Point





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Streetcar 15 Fed

#702H

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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3376.00usft
MD Reference: KB = 25' @ 3376.00usft
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	Latitude:	32.12398257
From:	Map	Easting:	782,680.00 usft	Longitude:	-103.55373881
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.41

Well	#702H					
Well Position	+N/-S	0.00 usft	Northing:	409,714.00 usft	Latitude:	32.12398187
	+E/-W	35.00 usft	Easting:	782,715.00 usft	Longitude:	-103.55362576
Position Uncertainty	0.00 usft	Wellhead Elevation:		Ground Level:	3,351.00 usft	

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/18/2017	6.93	59.97	47,872.36167351

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)	Direction (°)
	0.00	0.00	0.00	355.00

Plan Survey Tool Program		Date	7/18/2017		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	17,230.04	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
0.00	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	
4,305.08	3.05	240.85	4,304.94	-3.96	-7.09	1.00	1.00	0.00	240.85	
11,945.82	3.05	240.85	11,934.85	-202.03	-362.24	0.00	0.00	0.00	0.00	
12,708.04	90.00	359.60	12,424.00	275.11	-388.43	12.00	11.41	15.58	118.71	
17,230.04	90.00	359.60	12,424.00	4,797.00	-420.00	0.00	0.00	0.00	0.00	PBHL (Streetcar 15 F



EOG Resources, Inc.

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 Well: #702H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
 TVD Reference: KB = 25' @ 3376.00usft
 MD Reference: KB = 25' @ 3376.00usft
 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	240.85	4,100.00	-0.43	-0.76	-0.36	1.00	1.00	0.00
4,200.00	2.00	240.85	4,199.96	-1.70	-3.05	-1.43	1.00	1.00	0.00
4,305.08	3.05	240.85	4,304.94	-3.96	-7.09	-3.32	1.00	1.00	0.00
4,400.00	3.05	240.85	4,399.72	-6.42	-11.50	-5.39	0.00	0.00	0.00
4,500.00	3.05	240.85	4,499.58	-9.01	-16.15	-7.57	0.00	0.00	0.00
4,600.00	3.05	240.85	4,599.44	-11.60	-20.80	-9.74	0.00	0.00	0.00
4,700.00	3.05	240.85	4,699.30	-14.19	-25.45	-11.92	0.00	0.00	0.00
4,800.00	3.05	240.85	4,799.15	-16.79	-30.10	-14.10	0.00	0.00	0.00
4,900.00	3.05	240.85	4,899.01	-19.38	-34.74	-16.27	0.00	0.00	0.00
5,000.00	3.05	240.85	4,998.87	-21.97	-39.39	-18.45	0.00	0.00	0.00
5,100.00	3.05	240.85	5,098.73	-24.56	-44.04	-20.63	0.00	0.00	0.00
5,200.00	3.05	240.85	5,198.59	-27.15	-48.69	-22.80	0.00	0.00	0.00
5,300.00	3.05	240.85	5,298.45	-29.75	-53.34	-24.98	0.00	0.00	0.00



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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)
5,400.00	3.05	240.85	5,398.30	-32.34	-57.99	-27.16	0.00	0.00	0.00
5,500.00	3.05	240.85	5,498.16	-34.93	-62.63	-29.34	0.00	0.00	0.00
5,600.00	3.05	240.85	5,598.02	-37.52	-67.28	-31.51	0.00	0.00	0.00
5,700.00	3.05	240.85	5,697.88	-40.12	-71.93	-33.69	0.00	0.00	0.00
5,800.00	3.05	240.85	5,797.74	-42.71	-76.58	-35.87	0.00	0.00	0.00
5,900.00	3.05	240.85	5,897.60	-45.30	-81.23	-38.04	0.00	0.00	0.00
6,000.00	3.05	240.85	5,997.45	-47.89	-85.87	-40.22	0.00	0.00	0.00
6,100.00	3.05	240.85	6,097.31	-50.49	-90.52	-42.40	0.00	0.00	0.00
6,200.00	3.05	240.85	6,197.17	-53.08	-95.17	-44.57	0.00	0.00	0.00
6,300.00	3.05	240.85	6,297.03	-55.67	-99.82	-46.75	0.00	0.00	0.00
6,400.00	3.05	240.85	6,396.89	-58.26	-104.47	-48.93	0.00	0.00	0.00
6,500.00	3.05	240.85	6,496.75	-60.85	-109.11	-51.11	0.00	0.00	0.00
6,600.00	3.05	240.85	6,596.60	-63.45	-113.76	-53.28	0.00	0.00	0.00
6,700.00	3.05	240.85	6,696.46	-66.04	-118.41	-55.46	0.00	0.00	0.00
6,800.00	3.05	240.85	6,796.32	-68.63	-123.06	-57.64	0.00	0.00	0.00
6,900.00	3.05	240.85	6,896.18	-71.22	-127.71	-59.81	0.00	0.00	0.00
7,000.00	3.05	240.85	6,996.04	-73.82	-132.35	-61.99	0.00	0.00	0.00
7,100.00	3.05	240.85	7,095.89	-76.41	-137.00	-64.17	0.00	0.00	0.00
7,200.00	3.05	240.85	7,195.75	-79.00	-141.65	-66.34	0.00	0.00	0.00
7,300.00	3.05	240.85	7,295.61	-81.59	-146.30	-68.52	0.00	0.00	0.00
7,400.00	3.05	240.85	7,395.47	-84.19	-150.95	-70.70	0.00	0.00	0.00
7,500.00	3.05	240.85	7,495.33	-86.78	-155.60	-72.88	0.00	0.00	0.00
7,600.00	3.05	240.85	7,595.19	-89.37	-160.24	-75.05	0.00	0.00	0.00
7,700.00	3.05	240.85	7,695.04	-91.96	-164.89	-77.23	0.00	0.00	0.00
7,800.00	3.05	240.85	7,794.90	-94.55	-169.54	-79.41	0.00	0.00	0.00
7,900.00	3.05	240.85	7,894.76	-97.15	-174.19	-81.58	0.00	0.00	0.00
8,000.00	3.05	240.85	7,994.62	-99.74	-178.84	-83.76	0.00	0.00	0.00
8,100.00	3.05	240.85	8,094.48	-102.33	-183.48	-85.94	0.00	0.00	0.00
8,200.00	3.05	240.85	8,194.34	-104.92	-188.13	-88.11	0.00	0.00	0.00
8,300.00	3.05	240.85	8,294.19	-107.52	-192.78	-90.29	0.00	0.00	0.00
8,400.00	3.05	240.85	8,394.05	-110.11	-197.43	-92.47	0.00	0.00	0.00
8,500.00	3.05	240.85	8,493.91	-112.70	-202.08	-94.65	0.00	0.00	0.00
8,600.00	3.05	240.85	8,593.77	-115.29	-206.72	-96.82	0.00	0.00	0.00
8,700.00	3.05	240.85	8,693.63	-117.89	-211.37	-99.00	0.00	0.00	0.00
8,800.00	3.05	240.85	8,793.49	-120.48	-216.02	-101.18	0.00	0.00	0.00
8,900.00	3.05	240.85	8,893.34	-123.07	-220.67	-103.35	0.00	0.00	0.00
9,000.00	3.05	240.85	8,993.20	-125.66	-225.32	-105.53	0.00	0.00	0.00
9,100.00	3.05	240.85	9,093.06	-128.25	-229.97	-107.71	0.00	0.00	0.00
9,200.00	3.05	240.85	9,192.92	-130.85	-234.61	-109.88	0.00	0.00	0.00
9,300.00	3.05	240.85	9,292.78	-133.44	-239.26	-112.06	0.00	0.00	0.00
9,400.00	3.05	240.85	9,392.64	-136.03	-243.91	-114.24	0.00	0.00	0.00
9,500.00	3.05	240.85	9,492.49	-138.62	-248.56	-116.42	0.00	0.00	0.00
9,600.00	3.05	240.85	9,592.35	-141.22	-253.21	-118.59	0.00	0.00	0.00
9,700.00	3.05	240.85	9,692.21	-143.81	-257.85	-120.77	0.00	0.00	0.00
9,800.00	3.05	240.85	9,792.07	-146.40	-262.50	-122.95	0.00	0.00	0.00
9,900.00	3.05	240.85	9,891.93	-148.99	-267.15	-125.12	0.00	0.00	0.00
10,000.00	3.05	240.85	9,991.78	-151.59	-271.80	-127.30	0.00	0.00	0.00
10,100.00	3.05	240.85	10,091.64	-154.18	-276.45	-129.48	0.00	0.00	0.00
10,200.00	3.05	240.85	10,191.50	-156.77	-281.09	-131.66	0.00	0.00	0.00
10,300.00	3.05	240.85	10,291.36	-159.36	-285.74	-133.83	0.00	0.00	0.00
10,400.00	3.05	240.85	10,391.22	-161.95	-290.39	-136.01	0.00	0.00	0.00
10,500.00	3.05	240.85	10,491.08	-164.55	-295.04	-138.19	0.00	0.00	0.00
10,600.00	3.05	240.85	10,590.93	-167.14	-299.69	-140.36	0.00	0.00	0.00
10,700.00	3.05	240.85	10,690.79	-169.73	-304.34	-142.54	0.00	0.00	0.00



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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)
10,800.00	3.05	240.85	10,790.65	-172.32	-308.98	-144.72	0.00	0.00	0.00
10,900.00	3.05	240.85	10,890.51	-174.92	-313.63	-146.89	0.00	0.00	0.00
11,000.00	3.05	240.85	10,990.37	-177.51	-318.28	-149.07	0.00	0.00	0.00
11,100.00	3.05	240.85	11,090.23	-180.10	-322.93	-151.25	0.00	0.00	0.00
11,200.00	3.05	240.85	11,190.08	-182.69	-327.58	-153.43	0.00	0.00	0.00
11,300.00	3.05	240.85	11,289.94	-185.29	-332.22	-155.60	0.00	0.00	0.00
11,400.00	3.05	240.85	11,389.80	-187.88	-336.87	-157.78	0.00	0.00	0.00
11,500.00	3.05	240.85	11,489.66	-190.47	-341.52	-159.96	0.00	0.00	0.00
11,600.00	3.05	240.85	11,589.52	-193.06	-346.17	-162.13	0.00	0.00	0.00
11,700.00	3.05	240.85	11,689.38	-195.65	-350.82	-164.31	0.00	0.00	0.00
11,800.00	3.05	240.85	11,789.23	-198.25	-355.46	-166.49	0.00	0.00	0.00
11,900.00	3.05	240.85	11,889.09	-200.84	-360.11	-168.66	0.00	0.00	0.00
11,945.82	3.05	240.85	11,934.85	-202.03	-362.24	-169.66	0.00	0.00	0.00
11,950.00	2.84	249.75	11,939.02	-202.12	-362.44	-169.73	12.00	-4.95	212.96
11,975.00	3.36	306.88	11,963.99	-201.89	-363.61	-169.41	12.00	2.07	228.50
12,000.00	5.70	331.69	11,988.91	-200.36	-364.78	-167.78	12.00	9.36	99.23
12,025.00	8.47	341.30	12,013.72	-197.52	-365.96	-164.85	12.00	11.06	38.47
12,050.00	11.35	346.14	12,038.35	-193.39	-367.14	-160.63	12.00	11.54	19.35
12,075.00	14.28	349.02	12,062.72	-187.97	-368.32	-155.13	12.00	11.73	11.54
12,100.00	17.24	350.94	12,086.78	-181.29	-369.49	-148.37	12.00	11.82	7.66
12,125.00	20.21	352.31	12,110.45	-173.35	-370.65	-140.36	12.00	11.87	5.47
12,150.00	23.18	353.34	12,133.68	-164.18	-371.80	-131.13	12.00	11.90	4.12
12,175.00	26.16	354.14	12,156.39	-153.81	-372.93	-120.69	12.00	11.92	3.23
12,200.00	29.15	354.79	12,178.54	-142.26	-374.05	-109.09	12.00	11.94	2.61
12,225.00	32.13	355.33	12,200.04	-129.57	-375.14	-96.35	12.00	11.95	2.16
12,250.00	35.12	355.79	12,220.86	-115.76	-376.21	-82.51	12.00	11.96	1.83
12,275.00	38.11	356.19	12,240.92	-100.89	-377.25	-67.60	12.00	11.96	1.58
12,300.00	41.11	356.53	12,260.18	-84.98	-378.26	-51.67	12.00	11.97	1.38
12,325.00	44.10	356.84	12,278.58	-68.09	-379.24	-34.75	12.00	11.97	1.22
12,350.00	47.09	357.11	12,296.07	-50.26	-380.18	-16.91	12.00	11.97	1.10
12,375.00	50.09	357.36	12,312.60	-31.53	-381.08	1.83	12.00	11.98	1.00
12,400.00	53.08	357.59	12,328.13	-11.97	-381.95	21.39	12.00	11.98	0.91
12,425.00	56.08	357.80	12,342.62	8.39	-382.77	41.74	12.00	11.98	0.84
12,450.00	59.07	358.00	12,356.03	29.47	-383.54	62.81	12.00	11.98	0.79
12,475.00	62.07	358.18	12,368.31	51.23	-384.27	84.55	12.00	11.98	0.74
12,500.00	65.06	358.36	12,379.44	73.61	-384.94	106.90	12.00	11.98	0.70
12,520.92	67.57	358.49	12,387.84	92.75	-385.47	126.02	12.00	11.98	0.67
FTP (Streetcar 15 Fed #702H)									
12,525.00	68.06	358.52	12,389.38	96.53	-385.57	129.79	12.00	11.98	0.65
12,550.00	71.06	358.68	12,398.11	119.95	-386.14	153.17	12.00	11.99	0.64
12,575.00	74.05	358.83	12,405.60	143.79	-386.65	176.97	12.00	11.99	0.62
12,600.00	77.05	358.98	12,411.84	167.99	-387.11	201.12	12.00	11.99	0.60
12,625.00	80.05	359.13	12,416.80	192.49	-387.52	225.56	12.00	11.99	0.58
12,650.00	83.04	359.27	12,420.48	217.21	-387.86	250.21	12.00	11.99	0.57
12,675.00	86.04	359.41	12,422.86	242.09	-388.15	275.03	12.00	11.99	0.57
12,700.00	89.04	359.55	12,423.93	267.07	-388.37	299.92	12.00	11.99	0.56
12,708.04	90.00	359.60	12,424.00	275.11	-388.43	307.94	12.00	11.99	0.56
12,800.00	90.00	359.60	12,424.00	367.06	-389.07	399.60	0.00	0.00	0.00
12,900.00	90.00	359.60	12,424.00	467.06	-389.77	499.28	0.00	0.00	0.00
13,000.00	90.00	359.60	12,424.00	567.06	-390.47	598.96	0.00	0.00	0.00
13,100.00	90.00	359.60	12,424.00	667.06	-391.17	698.63	0.00	0.00	0.00
13,200.00	90.00	359.60	12,424.00	767.05	-391.87	798.31	0.00	0.00	0.00
13,300.00	90.00	359.60	12,424.00	867.05	-392.56	897.99	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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3376.00usft
MD Reference: KB = 25' @ 3376.00usft
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)
13,400.00	90.00	359.60	12,424.00	967.05	-393.26	997.67	0.00	0.00	0.00
13,500.00	90.00	359.60	12,424.00	1,067.05	-393.96	1,097.34	0.00	0.00	0.00
13,600.00	90.00	359.60	12,424.00	1,167.05	-394.66	1,197.02	0.00	0.00	0.00
13,700.00	90.00	359.60	12,424.00	1,267.04	-395.36	1,296.70	0.00	0.00	0.00
13,800.00	90.00	359.60	12,424.00	1,367.04	-396.05	1,396.37	0.00	0.00	0.00
13,900.00	90.00	359.60	12,424.00	1,467.04	-396.75	1,496.05	0.00	0.00	0.00
14,000.00	90.00	359.60	12,424.00	1,567.04	-397.45	1,595.73	0.00	0.00	0.00
14,100.00	90.00	359.60	12,424.00	1,667.03	-398.15	1,695.41	0.00	0.00	0.00
14,200.00	90.00	359.60	12,424.00	1,767.03	-398.85	1,795.08	0.00	0.00	0.00
14,300.00	90.00	359.60	12,424.00	1,867.03	-399.54	1,894.76	0.00	0.00	0.00
14,400.00	90.00	359.60	12,424.00	1,967.03	-400.24	1,994.44	0.00	0.00	0.00
14,500.00	90.00	359.60	12,424.00	2,067.02	-400.94	2,094.12	0.00	0.00	0.00
14,600.00	90.00	359.60	12,424.00	2,167.02	-401.64	2,193.79	0.00	0.00	0.00
14,700.00	90.00	359.60	12,424.00	2,267.02	-402.34	2,293.47	0.00	0.00	0.00
14,800.00	90.00	359.60	12,424.00	2,367.02	-403.04	2,393.15	0.00	0.00	0.00
14,900.00	90.00	359.60	12,424.00	2,467.01	-403.73	2,492.83	0.00	0.00	0.00
15,000.00	90.00	359.60	12,424.00	2,567.01	-404.43	2,592.50	0.00	0.00	0.00
15,100.00	90.00	359.60	12,424.00	2,667.01	-405.13	2,692.18	0.00	0.00	0.00
15,200.00	90.00	359.60	12,424.00	2,767.01	-405.83	2,791.86	0.00	0.00	0.00
15,300.00	90.00	359.60	12,424.00	2,867.00	-406.53	2,891.54	0.00	0.00	0.00
15,400.00	90.00	359.60	12,424.00	2,967.00	-407.22	2,991.21	0.00	0.00	0.00
15,500.00	90.00	359.60	12,424.00	3,067.00	-407.92	3,090.89	0.00	0.00	0.00
15,600.00	90.00	359.60	12,424.00	3,167.00	-408.62	3,190.57	0.00	0.00	0.00
15,700.00	90.00	359.60	12,424.00	3,266.99	-409.32	3,290.24	0.00	0.00	0.00
15,800.00	90.00	359.60	12,424.00	3,366.99	-410.02	3,389.92	0.00	0.00	0.00
15,900.00	90.00	359.60	12,424.00	3,466.99	-410.71	3,489.60	0.00	0.00	0.00
16,000.00	90.00	359.60	12,424.00	3,566.99	-411.41	3,589.28	0.00	0.00	0.00
16,100.00	90.00	359.60	12,424.00	3,666.98	-412.11	3,688.95	0.00	0.00	0.00
16,200.00	90.00	359.60	12,424.00	3,766.98	-412.81	3,788.63	0.00	0.00	0.00
16,300.00	90.00	359.60	12,424.00	3,866.98	-413.51	3,888.31	0.00	0.00	0.00
16,400.00	90.00	359.60	12,424.00	3,966.98	-414.21	3,987.99	0.00	0.00	0.00
16,500.00	90.00	359.60	12,424.00	4,066.97	-414.90	4,087.66	0.00	0.00	0.00
16,600.00	90.00	359.60	12,424.00	4,166.97	-415.60	4,187.34	0.00	0.00	0.00
16,700.00	90.00	359.60	12,424.00	4,266.97	-416.30	4,287.02	0.00	0.00	0.00
16,800.00	90.00	359.60	12,424.00	4,366.97	-417.00	4,386.70	0.00	0.00	0.00
16,900.00	90.00	359.60	12,424.00	4,466.96	-417.70	4,486.37	0.00	0.00	0.00
17,000.00	90.00	359.60	12,424.00	4,566.96	-418.39	4,586.05	0.00	0.00	0.00
17,100.00	90.00	359.60	12,424.00	4,666.96	-419.09	4,685.73	0.00	0.00	0.00
17,200.00	90.00	359.60	12,424.00	4,766.96	-419.79	4,785.41	0.00	0.00	0.00
17,230.04	90.00	359.60	12,424.00	4,797.00	-420.00	4,815.35	0.00	0.00	0.00

PBHL (Streetcar 15 Fed #702H)



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: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25' @ 3376.00usft
MD Reference: KB = 25' @ 3376.00usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Design Targets

Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
FTP (Streetcar 15 Fed #	0.00	0.00	12,424.00	77.00	-388.00	409,791.00	782,327.00	32.12420124	-103.55487720
- plan misses target center by 39.53usft at 12520.92usft MD (12387.84 TVD, 92.75° N, -385.47° E)									
- Point									
PBHL (Streetcar 15 Fed	0.00	0.00	12,424.00	4,797.00	-420.00	414,511.00	782,295.00	32.13717570	-103.55487039
- plan hits target center									
- Point									