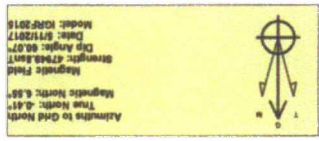


Lea County, NM (NAD 83 NME)
 Neptune 10 State Com #705H
 Plan #0.1

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

WELL DETAILS: #705H
 Ground Level: 3607.50
 KB = 25' @ 3632.00ft
 Easting: 77925.50
 Northing: 47927.50
 Longitude: -103.85299650



To convert a Magnetic Declination to a Grid Declination, Add 0.55°
 To convert a True Declination to a Grid Declination, Subtract 0.41°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Diag	TFace	VSact	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	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	4425.21	4.25	183.05	4424.82	-15.75	-0.84	1.00	183.05	0.00	
4	12003.45	4.25	183.05	11982.20	-576.83	-30.76	0.00	-576.44	0.00	
5	12788.82	90.00	359.56	12965.00	-100.71	-36.74	12.00	176.50	-100.28	
6	22588.82	90.00	359.56	12495.00	9699.00	-112.00	0.00	0.00	9699.65	

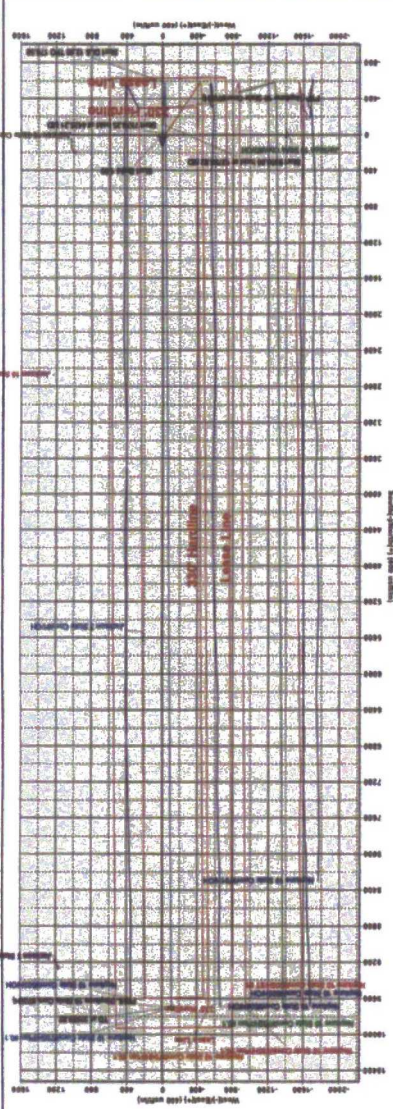
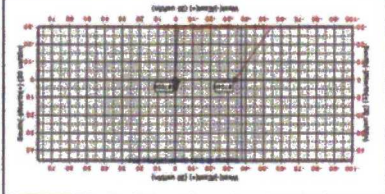
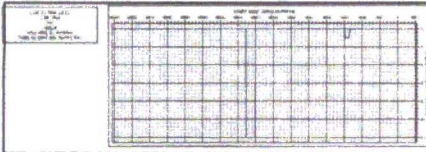
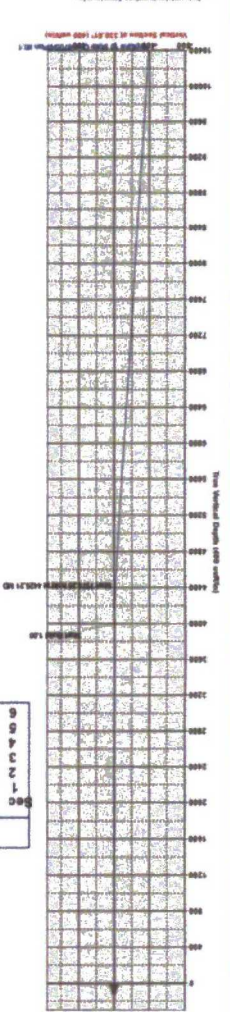
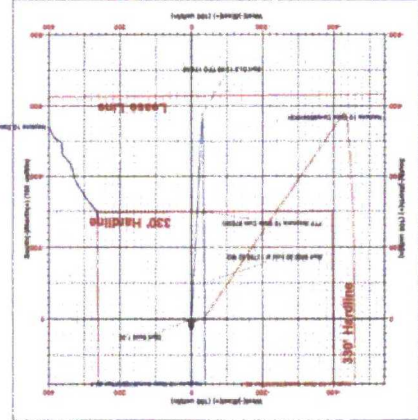
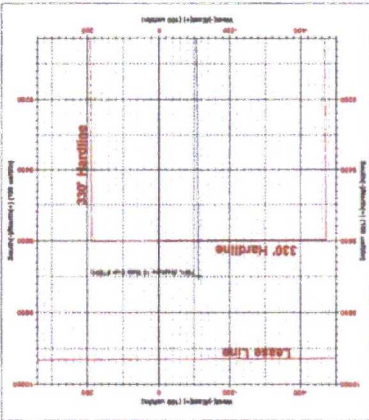
PBHL (Neptune 10 State Com #705H)

CASING DETAILS

No casing data is available

WELLSBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	Easting	Northing	UTM
PTP (Neptune 10 State Com #705H)	77925.50	47927.50	12A96.00
PTB	77925.50	47927.50	12A96.00
PTC	77925.50	47927.50	12A96.00
PTD	77925.50	47927.50	12A96.00
PTF	77925.50	47927.50	12A96.00
PTG	77925.50	47927.50	12A96.00
PTH	77925.50	47927.50	12A96.00
PTI	77925.50	47927.50	12A96.00
PTJ	77925.50	47927.50	12A96.00
PTK	77925.50	47927.50	12A96.00
PTL	77925.50	47927.50	12A96.00
PTM	77925.50	47927.50	12A96.00
PTN	77925.50	47927.50	12A96.00
PTO	77925.50	47927.50	12A96.00
PTP	77925.50	47927.50	12A96.00
PTQ	77925.50	47927.50	12A96.00
PTR	77925.50	47927.50	12A96.00
PTS	77925.50	47927.50	12A96.00
PTT	77925.50	47927.50	12A96.00
PTU	77925.50	47927.50	12A96.00
PTV	77925.50	47927.50	12A96.00
PTW	77925.50	47927.50	12A96.00
PTX	77925.50	47927.50	12A96.00
PTY	77925.50	47927.50	12A96.00
PTZ	77925.50	47927.50	12A96.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Neptune 10 State Com

#705H

OH

Plan: Plan #0.1

Standard Planning Report

12 May, 2017



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #705H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3632.00usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3632.00usft
Site:	Neptune 10 State Com	North Reference:	Grid
Well:	#705H	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	Neptune 10 State Com				
Site Position:		Northing:	446,557.00 usft	Latitude:	32.22532555
From:	Map	Easting:	778,964.00 usft	Longitude:	-103.56489151
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.41 °

Well	#705H					
Well Position	+N/-S	470.00 usft	Northing:	447,027.00 usft	Latitude:	32.22660048
	+E/-W	861.00 usft	Easting:	779,825.00 usft	Longitude:	-103.56209649
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	3,607.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2015	5/11/2017	(°)	(°)	(nT)
			6.96	60.07	47,950

Design	Plan #0.1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.00	0.00	0.00	359.34

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	
4,425.21	4.25	183.05	4,424.82	-15.75	-0.84	1.00	1.00	0.00	183.05	
12,003.45	4.25	183.05	11,982.21	-576.83	-30.76	0.00	0.00	0.00	0.00	
12,788.82	90.00	359.56	12,495.00	-100.71	-36.74	12.00	10.92	22.47	176.50	
22,588.82	90.00	359.56	12,495.00	9,699.00	-112.00	0.00	0.00	0.00	0.00	PBHL (Neptune 10 St)



EOG Resources, Inc.
Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Neptune 10 State Com
Well: #705H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #705H
TVD Reference: KB = 25' @ 3632.00usft
MD Reference: KB = 25' @ 3632.00usft
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	183.05	4,100.00	-0.87	-0.05	-0.87	1.00	1.00	0.00
4,200.00	2.00	183.05	4,199.96	-3.49	-0.19	-3.48	1.00	1.00	0.00
4,300.00	3.00	183.05	4,299.86	-7.84	-0.42	-7.84	1.00	1.00	0.00
4,400.00	4.00	183.05	4,399.68	-13.94	-0.74	-13.93	1.00	1.00	0.00
4,425.21	4.25	183.05	4,424.82	-15.75	-0.84	-15.74	1.00	1.00	0.00
4,500.00	4.25	183.05	4,499.40	-21.29	-1.14	-21.27	0.00	0.00	0.00
4,600.00	4.25	183.05	4,599.13	-28.69	-1.53	-28.67	0.00	0.00	0.00
4,700.00	4.25	183.05	4,698.85	-36.09	-1.92	-36.07	0.00	0.00	0.00
4,800.00	4.25	183.05	4,798.58	-43.50	-2.32	-43.47	0.00	0.00	0.00
4,900.00	4.25	183.05	4,898.30	-50.90	-2.71	-50.87	0.00	0.00	0.00
5,000.00	4.25	183.05	4,998.03	-58.31	-3.11	-58.27	0.00	0.00	0.00
5,100.00	4.25	183.05	5,097.75	-65.71	-3.50	-65.66	0.00	0.00	0.00
5,200.00	4.25	183.05	5,197.48	-73.11	-3.90	-73.06	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Neptune 10 State Com
Well: #705H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #705H
TVD Reference: KB = 25' @ 3632.00usft
MD Reference: KB = 25' @ 3632.00usft
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)
5,300.00	4.25	183.05	5,297.20	-80.52	-4.29	-80.46	0.00	0.00	0.00
5,400.00	4.25	183.05	5,396.93	-87.92	-4.69	-87.86	0.00	0.00	0.00
5,500.00	4.25	183.05	5,496.65	-95.32	-5.08	-95.26	0.00	0.00	0.00
5,600.00	4.25	183.05	5,596.38	-102.73	-5.48	-102.66	0.00	0.00	0.00
5,700.00	4.25	183.05	5,696.10	-110.13	-5.87	-110.06	0.00	0.00	0.00
5,800.00	4.25	183.05	5,795.83	-117.54	-6.27	-117.46	0.00	0.00	0.00
5,900.00	4.25	183.05	5,895.55	-124.94	-6.66	-124.86	0.00	0.00	0.00
6,000.00	4.25	183.05	5,995.28	-132.34	-7.06	-132.25	0.00	0.00	0.00
6,100.00	4.25	183.05	6,095.00	-139.75	-7.45	-139.65	0.00	0.00	0.00
6,200.00	4.25	183.05	6,194.72	-147.15	-7.85	-147.05	0.00	0.00	0.00
6,300.00	4.25	183.05	6,294.45	-154.56	-8.24	-154.45	0.00	0.00	0.00
6,400.00	4.25	183.05	6,394.17	-161.96	-8.64	-161.85	0.00	0.00	0.00
6,500.00	4.25	183.05	6,493.90	-169.36	-9.03	-169.25	0.00	0.00	0.00
6,600.00	4.25	183.05	6,593.62	-176.77	-9.43	-176.65	0.00	0.00	0.00
6,700.00	4.25	183.05	6,693.35	-184.17	-9.82	-184.05	0.00	0.00	0.00
6,800.00	4.25	183.05	6,793.07	-191.58	-10.22	-191.44	0.00	0.00	0.00
6,900.00	4.25	183.05	6,892.80	-198.98	-10.61	-198.84	0.00	0.00	0.00
7,000.00	4.25	183.05	6,992.52	-206.38	-11.01	-206.24	0.00	0.00	0.00
7,100.00	4.25	183.05	7,092.25	-213.79	-11.40	-213.64	0.00	0.00	0.00
7,200.00	4.25	183.05	7,191.97	-221.19	-11.80	-221.04	0.00	0.00	0.00
7,300.00	4.25	183.05	7,291.70	-228.60	-12.19	-228.44	0.00	0.00	0.00
7,400.00	4.25	183.05	7,391.42	-236.00	-12.59	-235.84	0.00	0.00	0.00
7,500.00	4.25	183.05	7,491.15	-243.40	-12.98	-243.24	0.00	0.00	0.00
7,600.00	4.25	183.05	7,590.87	-250.81	-13.38	-250.64	0.00	0.00	0.00
7,700.00	4.25	183.05	7,690.60	-258.21	-13.77	-258.03	0.00	0.00	0.00
7,800.00	4.25	183.05	7,790.32	-265.61	-14.17	-265.43	0.00	0.00	0.00
7,900.00	4.25	183.05	7,890.05	-273.02	-14.56	-272.83	0.00	0.00	0.00
8,000.00	4.25	183.05	7,989.77	-280.42	-14.96	-280.23	0.00	0.00	0.00
8,100.00	4.25	183.05	8,089.50	-287.83	-15.35	-287.63	0.00	0.00	0.00
8,200.00	4.25	183.05	8,189.22	-295.23	-15.74	-295.03	0.00	0.00	0.00
8,300.00	4.25	183.05	8,288.94	-302.63	-16.14	-302.43	0.00	0.00	0.00
8,400.00	4.25	183.05	8,388.67	-310.04	-16.53	-309.83	0.00	0.00	0.00
8,500.00	4.25	183.05	8,488.39	-317.44	-16.93	-317.23	0.00	0.00	0.00
8,600.00	4.25	183.05	8,588.12	-324.85	-17.32	-324.62	0.00	0.00	0.00
8,700.00	4.25	183.05	8,687.84	-332.25	-17.72	-332.02	0.00	0.00	0.00
8,800.00	4.25	183.05	8,787.57	-339.65	-18.11	-339.42	0.00	0.00	0.00
8,900.00	4.25	183.05	8,887.29	-347.06	-18.51	-346.82	0.00	0.00	0.00
9,000.00	4.25	183.05	8,987.02	-354.46	-18.90	-354.22	0.00	0.00	0.00
9,100.00	4.25	183.05	9,086.74	-361.87	-19.30	-361.62	0.00	0.00	0.00
9,200.00	4.25	183.05	9,186.47	-369.27	-19.69	-369.02	0.00	0.00	0.00
9,300.00	4.25	183.05	9,286.19	-376.67	-20.09	-376.42	0.00	0.00	0.00
9,400.00	4.25	183.05	9,385.92	-384.08	-20.48	-383.82	0.00	0.00	0.00
9,500.00	4.25	183.05	9,485.64	-391.48	-20.88	-391.21	0.00	0.00	0.00
9,600.00	4.25	183.05	9,585.37	-398.89	-21.27	-398.61	0.00	0.00	0.00
9,700.00	4.25	183.05	9,685.09	-406.29	-21.67	-406.01	0.00	0.00	0.00
9,800.00	4.25	183.05	9,784.82	-413.69	-22.06	-413.41	0.00	0.00	0.00
9,900.00	4.25	183.05	9,884.54	-421.10	-22.46	-420.81	0.00	0.00	0.00
10,000.00	4.25	183.05	9,984.27	-428.50	-22.85	-428.21	0.00	0.00	0.00
10,100.00	4.25	183.05	10,083.99	-435.90	-23.25	-435.61	0.00	0.00	0.00
10,200.00	4.25	183.05	10,183.72	-443.31	-23.64	-443.01	0.00	0.00	0.00
10,300.00	4.25	183.05	10,283.44	-450.71	-24.04	-450.40	0.00	0.00	0.00
10,400.00	4.25	183.05	10,383.16	-458.12	-24.43	-457.80	0.00	0.00	0.00
10,500.00	4.25	183.05	10,482.89	-465.52	-24.83	-465.20	0.00	0.00	0.00
10,600.00	4.25	183.05	10,582.61	-472.92	-25.22	-472.60	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Neptune 10 State Com
Well: #705H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #705H
TVD Reference: KB = 25' @ 3632.00usft
MD Reference: KB = 25' @ 3632.00usft
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)
10,700.00	4.25	183.05	10,682.34	-480.33	-25.62	-480.00	0.00	0.00	0.00
10,800.00	4.25	183.05	10,782.06	-487.73	-26.01	-487.40	0.00	0.00	0.00
10,900.00	4.25	183.05	10,881.79	-495.14	-26.41	-494.80	0.00	0.00	0.00
11,000.00	4.25	183.05	10,981.51	-502.54	-26.80	-502.20	0.00	0.00	0.00
11,100.00	4.25	183.05	11,081.24	-509.94	-27.20	-509.60	0.00	0.00	0.00
11,200.00	4.25	183.05	11,180.96	-517.35	-27.59	-516.99	0.00	0.00	0.00
11,300.00	4.25	183.05	11,280.69	-524.75	-27.99	-524.39	0.00	0.00	0.00
11,400.00	4.25	183.05	11,380.41	-532.16	-28.38	-531.79	0.00	0.00	0.00
11,500.00	4.25	183.05	11,480.14	-539.56	-28.78	-539.19	0.00	0.00	0.00
11,600.00	4.25	183.05	11,579.86	-546.96	-29.17	-546.59	0.00	0.00	0.00
11,700.00	4.25	183.05	11,679.59	-554.37	-29.56	-553.99	0.00	0.00	0.00
11,800.00	4.25	183.05	11,779.31	-561.77	-29.96	-561.39	0.00	0.00	0.00
11,900.00	4.25	183.05	11,879.04	-569.18	-30.35	-568.79	0.00	0.00	0.00
12,003.45	4.25	183.05	11,982.21	-576.83	-30.76	-576.44	0.00	0.00	0.00
12,025.00	1.68	188.45	12,003.72	-577.94	-30.85	-577.55	12.00	-11.94	25.05
12,050.00	1.37	348.61	12,028.72	-578.01	-30.96	-577.62	12.00	-1.25	640.65
12,075.00	4.35	356.15	12,053.68	-576.78	-31.09	-576.38	12.00	11.93	30.13
12,100.00	7.35	357.55	12,078.55	-574.23	-31.22	-573.83	12.00	11.99	5.60
12,125.00	10.34	358.14	12,103.25	-570.39	-31.36	-569.99	12.00	11.99	2.37
12,150.00	13.34	358.47	12,127.72	-565.26	-31.51	-564.86	12.00	12.00	1.31
12,175.00	16.34	358.67	12,151.88	-558.86	-31.67	-558.46	12.00	12.00	0.84
12,200.00	19.34	358.82	12,175.67	-551.20	-31.84	-550.80	12.00	12.00	0.58
12,225.00	22.34	358.93	12,199.03	-542.31	-32.01	-541.91	12.00	12.00	0.43
12,250.00	25.34	359.01	12,221.90	-532.21	-32.19	-531.80	12.00	12.00	0.33
12,275.00	28.34	359.08	12,244.20	-520.92	-32.38	-520.51	12.00	12.00	0.27
12,300.00	31.34	359.13	12,265.88	-508.49	-32.57	-508.08	12.00	12.00	0.22
12,325.00	34.34	359.18	12,286.89	-494.93	-32.77	-494.52	12.00	12.00	0.19
12,350.00	37.34	359.22	12,307.15	-480.29	-32.98	-479.88	12.00	12.00	0.16
12,375.00	40.34	359.25	12,326.62	-464.62	-33.18	-464.20	12.00	12.00	0.14
12,400.00	43.34	359.29	12,345.24	-447.94	-33.40	-447.53	12.00	12.00	0.12
12,425.00	46.34	359.31	12,362.97	-430.32	-33.61	-429.90	12.00	12.00	0.11
12,450.00	49.34	359.34	12,379.74	-411.79	-33.83	-411.37	12.00	12.00	0.10
12,475.00	52.34	359.36	12,395.53	-392.41	-34.05	-391.99	12.00	12.00	0.09
12,500.00	55.34	359.38	12,410.28	-372.23	-34.27	-371.81	12.00	12.00	0.08
12,525.00	58.34	359.40	12,423.95	-351.30	-34.50	-350.88	12.00	12.00	0.08
12,550.00	61.34	359.42	12,436.51	-329.69	-34.72	-329.27	12.00	12.00	0.07
12,575.00	64.34	359.44	12,447.92	-307.45	-34.94	-307.03	12.00	12.00	0.07
12,600.00	67.34	359.45	12,458.15	-284.64	-35.16	-284.22	12.00	12.00	0.07
FTP (Neptune 10 State Com #705H)									
12,625.00	70.34	359.47	12,467.17	-261.33	-35.38	-260.91	12.00	12.00	0.06
12,650.00	73.34	359.48	12,474.96	-237.58	-35.60	-237.15	12.00	12.00	0.06
12,675.00	76.34	359.50	12,481.50	-213.45	-35.82	-213.03	12.00	12.00	0.06
12,700.00	79.34	359.51	12,486.76	-189.02	-36.03	-188.59	12.00	12.00	0.06
12,725.00	82.34	359.53	12,490.74	-164.34	-36.23	-163.91	12.00	12.00	0.06
12,750.00	85.34	359.54	12,493.42	-139.49	-36.44	-139.06	12.00	12.00	0.05
12,775.00	88.34	359.55	12,494.80	-114.53	-36.64	-114.10	12.00	12.00	0.05
12,788.82	90.00	359.56	12,495.00	-100.71	-36.74	-100.28	12.00	12.00	0.05
12,800.00	90.00	359.56	12,495.00	-89.53	-36.83	-89.10	0.00	0.00	0.00
12,900.00	90.00	359.56	12,495.00	10.46	-37.60	10.90	0.00	0.00	0.00
13,000.00	90.00	359.56	12,495.00	110.46	-38.36	110.90	0.00	0.00	0.00
13,100.00	90.00	359.56	12,495.00	210.46	-39.13	210.90	0.00	0.00	0.00
13,200.00	90.00	359.56	12,495.00	310.45	-39.90	310.89	0.00	0.00	0.00
13,300.00	90.00	359.56	12,495.00	410.45	-40.67	410.89	0.00	0.00	0.00



EOG Resources, Inc.
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Well: #705H
Wellbore: OH
Design: Plan #0.1

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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	359.56	12,495.00	510.45	-41.44	510.89	0.00	0.00	0.00
13,500.00	90.00	359.56	12,495.00	610.45	-42.20	610.89	0.00	0.00	0.00
13,600.00	90.00	359.56	12,495.00	710.44	-42.97	710.89	0.00	0.00	0.00
13,700.00	90.00	359.56	12,495.00	810.44	-43.74	810.89	0.00	0.00	0.00
13,800.00	90.00	359.56	12,495.00	910.44	-44.51	910.89	0.00	0.00	0.00
13,900.00	90.00	359.56	12,495.00	1,010.43	-45.28	1,010.89	0.00	0.00	0.00
14,000.00	90.00	359.56	12,495.00	1,110.43	-46.04	1,110.89	0.00	0.00	0.00
14,100.00	90.00	359.56	12,495.00	1,210.43	-46.81	1,210.89	0.00	0.00	0.00
14,200.00	90.00	359.56	12,495.00	1,310.43	-47.58	1,310.89	0.00	0.00	0.00
14,300.00	90.00	359.56	12,495.00	1,410.42	-48.35	1,410.89	0.00	0.00	0.00
14,400.00	90.00	359.56	12,495.00	1,510.42	-49.11	1,510.89	0.00	0.00	0.00
14,500.00	90.00	359.56	12,495.00	1,610.42	-49.88	1,610.89	0.00	0.00	0.00
14,600.00	90.00	359.56	12,495.00	1,710.41	-50.65	1,710.88	0.00	0.00	0.00
14,700.00	90.00	359.56	12,495.00	1,810.41	-51.42	1,810.88	0.00	0.00	0.00
14,800.00	90.00	359.56	12,495.00	1,910.41	-52.19	1,910.88	0.00	0.00	0.00
14,900.00	90.00	359.56	12,495.00	2,010.40	-52.95	2,010.88	0.00	0.00	0.00
15,000.00	90.00	359.56	12,495.00	2,110.40	-53.72	2,110.88	0.00	0.00	0.00
15,100.00	90.00	359.56	12,495.00	2,210.40	-54.49	2,210.88	0.00	0.00	0.00
15,200.00	90.00	359.56	12,495.00	2,310.40	-55.26	2,310.88	0.00	0.00	0.00
15,300.00	90.00	359.56	12,495.00	2,410.39	-56.03	2,410.88	0.00	0.00	0.00
15,400.00	90.00	359.56	12,495.00	2,510.39	-56.79	2,510.88	0.00	0.00	0.00
15,500.00	90.00	359.56	12,495.00	2,610.39	-57.56	2,610.88	0.00	0.00	0.00
15,600.00	90.00	359.56	12,495.00	2,710.38	-58.33	2,710.88	0.00	0.00	0.00
15,700.00	90.00	359.56	12,495.00	2,810.38	-59.10	2,810.88	0.00	0.00	0.00
15,800.00	90.00	359.56	12,495.00	2,910.38	-59.87	2,910.88	0.00	0.00	0.00
15,900.00	90.00	359.56	12,495.00	3,010.38	-60.63	3,010.87	0.00	0.00	0.00
16,000.00	90.00	359.56	12,495.00	3,110.37	-61.40	3,110.87	0.00	0.00	0.00
16,100.00	90.00	359.56	12,495.00	3,210.37	-62.17	3,210.87	0.00	0.00	0.00
16,200.00	90.00	359.56	12,495.00	3,310.37	-62.94	3,310.87	0.00	0.00	0.00
16,300.00	90.00	359.56	12,495.00	3,410.36	-63.71	3,410.87	0.00	0.00	0.00
16,400.00	90.00	359.56	12,495.00	3,510.36	-64.47	3,510.87	0.00	0.00	0.00
16,500.00	90.00	359.56	12,495.00	3,610.36	-65.24	3,610.87	0.00	0.00	0.00
16,600.00	90.00	359.56	12,495.00	3,710.35	-66.01	3,710.87	0.00	0.00	0.00
16,700.00	90.00	359.56	12,495.00	3,810.35	-66.78	3,810.87	0.00	0.00	0.00
16,800.00	90.00	359.56	12,495.00	3,910.35	-67.55	3,910.87	0.00	0.00	0.00
16,900.00	90.00	359.56	12,495.00	4,010.35	-68.31	4,010.87	0.00	0.00	0.00
17,000.00	90.00	359.56	12,495.00	4,110.34	-69.08	4,110.87	0.00	0.00	0.00
17,100.00	90.00	359.56	12,495.00	4,210.34	-69.85	4,210.87	0.00	0.00	0.00
17,200.00	90.00	359.56	12,495.00	4,310.34	-70.62	4,310.87	0.00	0.00	0.00
17,300.00	90.00	359.56	12,495.00	4,410.33	-71.39	4,410.86	0.00	0.00	0.00
17,400.00	90.00	359.56	12,495.00	4,510.33	-72.15	4,510.86	0.00	0.00	0.00
17,500.00	90.00	359.56	12,495.00	4,610.33	-72.92	4,610.86	0.00	0.00	0.00
17,600.00	90.00	359.56	12,495.00	4,710.33	-73.69	4,710.86	0.00	0.00	0.00
17,700.00	90.00	359.56	12,495.00	4,810.32	-74.46	4,810.86	0.00	0.00	0.00
17,800.00	90.00	359.56	12,495.00	4,910.32	-75.22	4,910.86	0.00	0.00	0.00
17,900.00	90.00	359.56	12,495.00	5,010.32	-75.99	5,010.86	0.00	0.00	0.00
18,000.00	90.00	359.56	12,495.00	5,110.31	-76.76	5,110.86	0.00	0.00	0.00
18,100.00	90.00	359.56	12,495.00	5,210.31	-77.53	5,210.86	0.00	0.00	0.00
18,200.00	90.00	359.56	12,495.00	5,310.31	-78.30	5,310.86	0.00	0.00	0.00
18,300.00	90.00	359.56	12,495.00	5,410.30	-79.06	5,410.86	0.00	0.00	0.00
18,400.00	90.00	359.56	12,495.00	5,510.30	-79.83	5,510.86	0.00	0.00	0.00
18,500.00	90.00	359.56	12,495.00	5,610.30	-80.60	5,610.86	0.00	0.00	0.00
18,600.00	90.00	359.56	12,495.00	5,710.30	-81.37	5,710.85	0.00	0.00	0.00
18,700.00	90.00	359.56	12,495.00	5,810.29	-82.14	5,810.85	0.00	0.00	0.00



EOG Resources, Inc.
Planning Report

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #705H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3632.00usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3632.00usft
Site:	Neptune 10 State Com	North Reference:	Grid
Well:	#705H	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)
18,800.00	90.00	359.56	12,495.00	5,910.29	-82.90	5,910.85	0.00	0.00	0.00
18,900.00	90.00	359.56	12,495.00	6,010.29	-83.67	6,010.85	0.00	0.00	0.00
19,000.00	90.00	359.56	12,495.00	6,110.28	-84.44	6,110.85	0.00	0.00	0.00
19,100.00	90.00	359.56	12,495.00	6,210.28	-85.21	6,210.85	0.00	0.00	0.00
19,200.00	90.00	359.56	12,495.00	6,310.28	-85.98	6,310.85	0.00	0.00	0.00
19,300.00	90.00	359.56	12,495.00	6,410.28	-86.74	6,410.85	0.00	0.00	0.00
19,400.00	90.00	359.56	12,495.00	6,510.27	-87.51	6,510.85	0.00	0.00	0.00
19,500.00	90.00	359.56	12,495.00	6,610.27	-88.28	6,610.85	0.00	0.00	0.00
19,600.00	90.00	359.56	12,495.00	6,710.27	-89.05	6,710.85	0.00	0.00	0.00
19,700.00	90.00	359.56	12,495.00	6,810.26	-89.82	6,810.85	0.00	0.00	0.00
19,800.00	90.00	359.56	12,495.00	6,910.26	-90.58	6,910.85	0.00	0.00	0.00
19,900.00	90.00	359.56	12,495.00	7,010.26	-91.35	7,010.84	0.00	0.00	0.00
20,000.00	90.00	359.56	12,495.00	7,110.25	-92.12	7,110.84	0.00	0.00	0.00
20,100.00	90.00	359.56	12,495.00	7,210.25	-92.89	7,210.84	0.00	0.00	0.00
20,200.00	90.00	359.56	12,495.00	7,310.25	-93.66	7,310.84	0.00	0.00	0.00
20,300.00	90.00	359.56	12,495.00	7,410.25	-94.42	7,410.84	0.00	0.00	0.00
20,400.00	90.00	359.56	12,495.00	7,510.24	-95.19	7,510.84	0.00	0.00	0.00
20,500.00	90.00	359.56	12,495.00	7,610.24	-95.96	7,610.84	0.00	0.00	0.00
20,600.00	90.00	359.56	12,495.00	7,710.24	-96.73	7,710.84	0.00	0.00	0.00
20,700.00	90.00	359.56	12,495.00	7,810.23	-97.50	7,810.84	0.00	0.00	0.00
20,800.00	90.00	359.56	12,495.00	7,910.23	-98.26	7,910.84	0.00	0.00	0.00
20,900.00	90.00	359.56	12,495.00	8,010.23	-99.03	8,010.84	0.00	0.00	0.00
21,000.00	90.00	359.56	12,495.00	8,110.23	-99.80	8,110.84	0.00	0.00	0.00
21,100.00	90.00	359.56	12,495.00	8,210.22	-100.57	8,210.84	0.00	0.00	0.00
21,200.00	90.00	359.56	12,495.00	8,310.22	-101.33	8,310.84	0.00	0.00	0.00
21,300.00	90.00	359.56	12,495.00	8,410.22	-102.10	8,410.83	0.00	0.00	0.00
21,400.00	90.00	359.56	12,495.00	8,510.21	-102.87	8,510.83	0.00	0.00	0.00
21,500.00	90.00	359.56	12,495.00	8,610.21	-103.64	8,610.83	0.00	0.00	0.00
21,600.00	90.00	359.56	12,495.00	8,710.21	-104.41	8,710.83	0.00	0.00	0.00
21,700.00	90.00	359.56	12,495.00	8,810.20	-105.17	8,810.83	0.00	0.00	0.00
21,800.00	90.00	359.56	12,495.00	8,910.20	-105.94	8,910.83	0.00	0.00	0.00
21,900.00	90.00	359.56	12,495.00	9,010.20	-106.71	9,010.83	0.00	0.00	0.00
22,000.00	90.00	359.56	12,495.00	9,110.20	-107.48	9,110.83	0.00	0.00	0.00
22,100.00	90.00	359.56	12,495.00	9,210.19	-108.25	9,210.83	0.00	0.00	0.00
22,200.00	90.00	359.56	12,495.00	9,310.19	-109.01	9,310.83	0.00	0.00	0.00
22,300.00	90.00	359.56	12,495.00	9,410.19	-109.78	9,410.83	0.00	0.00	0.00
22,400.00	90.00	359.56	12,495.00	9,510.18	-110.55	9,510.83	0.00	0.00	0.00
22,500.00	90.00	359.56	12,495.00	9,610.18	-111.32	9,610.83	0.00	0.00	0.00
22,588.82	90.00	359.56	12,495.00	9,699.00	-112.00	9,699.65	0.00	0.00	0.00

PBHL (Neptune 10 State Com #705H)



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Wellbore:	OH		
Design:	Plan #0.1		

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 (Neptune 10 State (0.00	0.00	12,495.00	-299.00	-34.00	446,728.00	779,791.00	32.22577928	-103.56221338
- plan misses target center by 39.57usft at 12600.00usft MD (12458.15 TVD, -284.64 N, -35.16 E)									
- Point									
PBHL (Neptune 10 State	0.00	0.00	12,495.00	9,699.00	-112.00	456,726.00	779,713.00	32.25326183	-103.56223348
- plan hits target center									
- Point									