

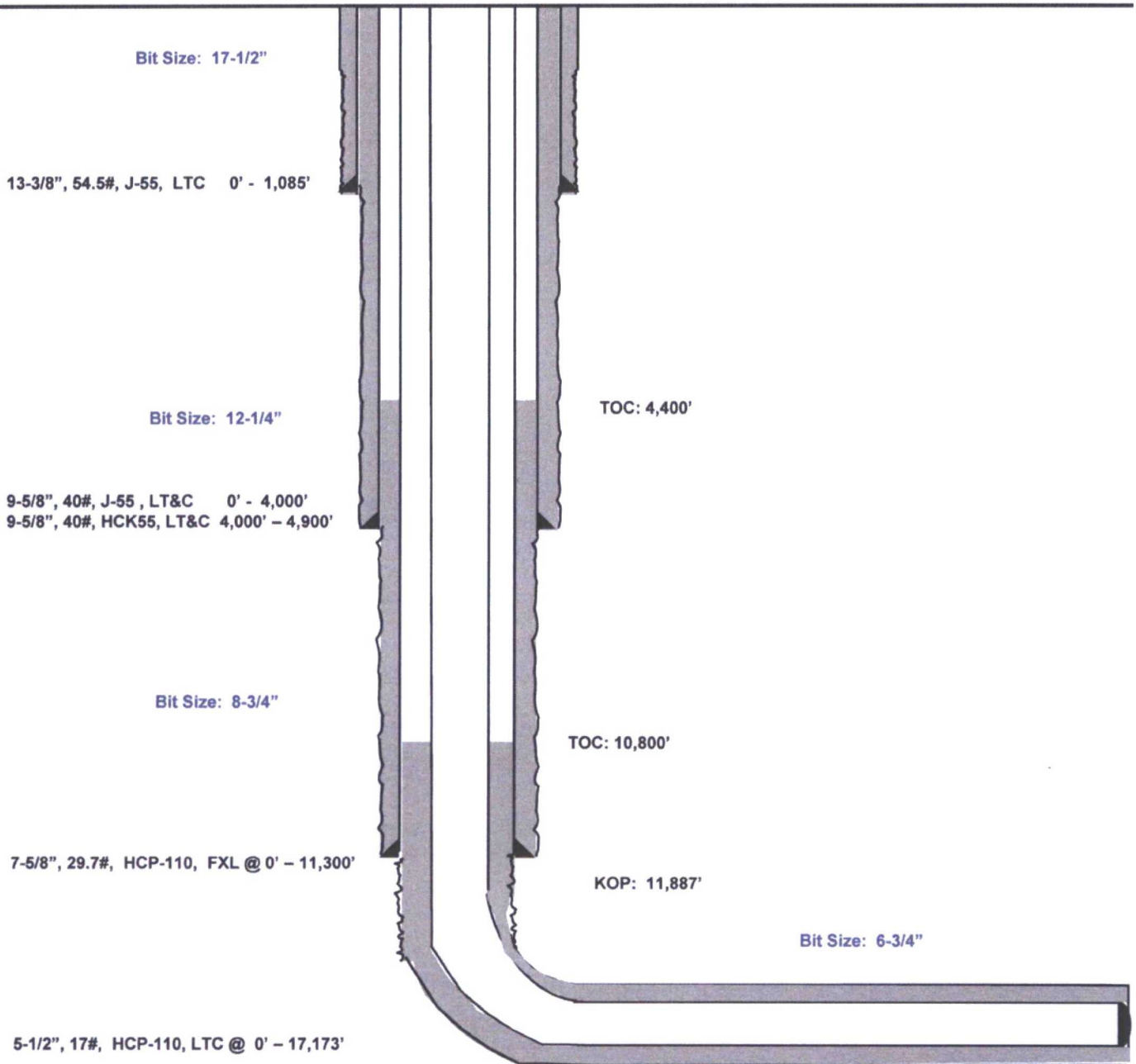
Python 36 State Com #701H
Lea County, New Mexico

310' FSL
703' FWL
Section 36
T-24-S, R-32-E

Proposed Wellbore

API: 30-025-*****

KB: 3,583'
GL: 3,558'



Lateral: 17,173' MD, 12,368' TVD

BH Location: 230' FNL & 330' FWL
Section 36
T-24-S, R-32-E



Lea County, NM (NAD 83 NME)

Python 36 State Com #701H

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: #701H

KB = 25 @ 3583.0usft
Northing 425448.00 Easting 757528.00 Latitude 32° 10' 3.739 N Longitude 103° 38' 4.742 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Diag	TFace	VSecl	Target	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	3200.0	0.00	0.00	3200.0	0.0	0.0	0.00	0.00	0.0		
3	3286.8	2.87	233.82	3286.8	-4.3	-6.8	1.00	232.82	-3.8		
4	11887.7	2.87	233.82	11876.8	-289.1	-351.7	0.00	0.00	-229.8		
5	13851.8	90.00	359.71	12368.0	317.9	-374.0	12.00	126.16	247.5		
6	17172.8	90.00	359.71	12368.0	4738.0	-397.0	0.00	0.00	4754.6		PBHL Python 36 St Com #701H

To convert a Magnetic Direction to a Grid Direction, Add 6.55°
To convert a Magnetic Direction to a True Direction, Add 6.82° East
To convert a True Direction to a Grid Direction, Subtract 0.37°



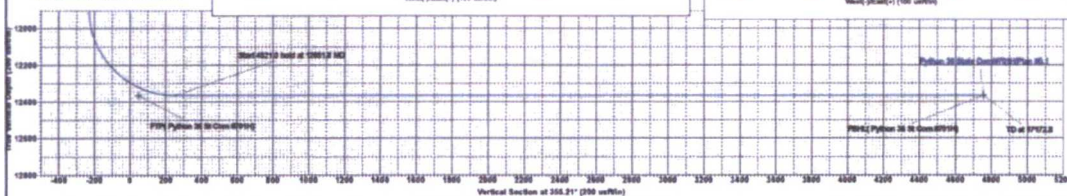
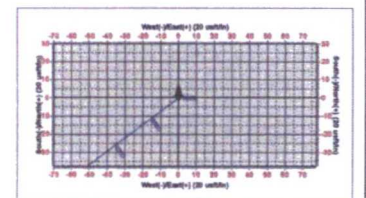
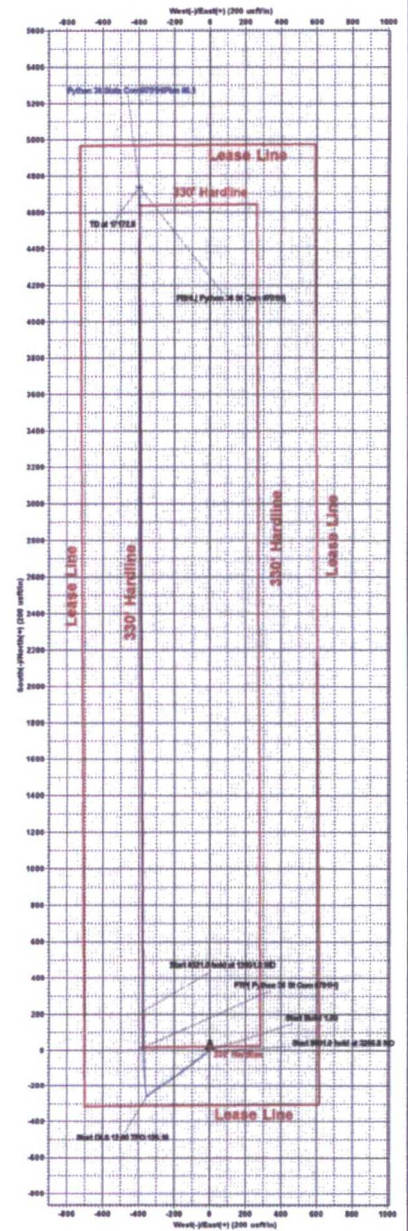
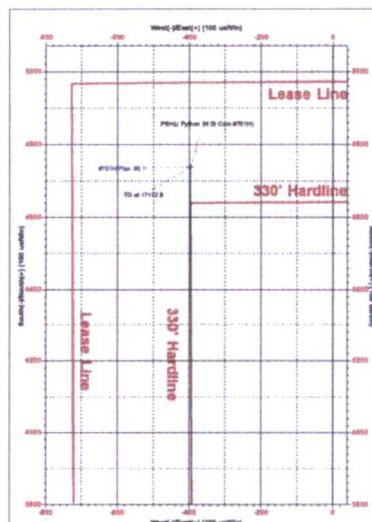
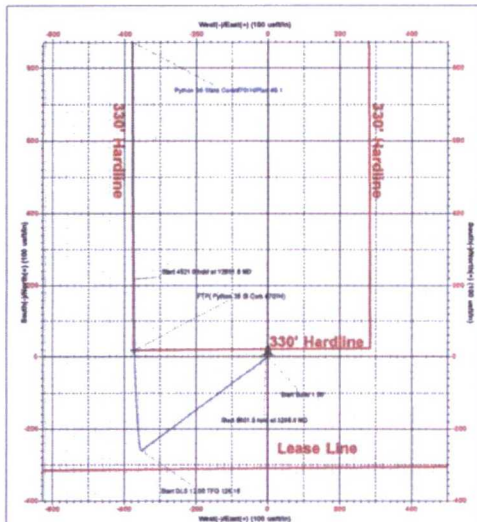
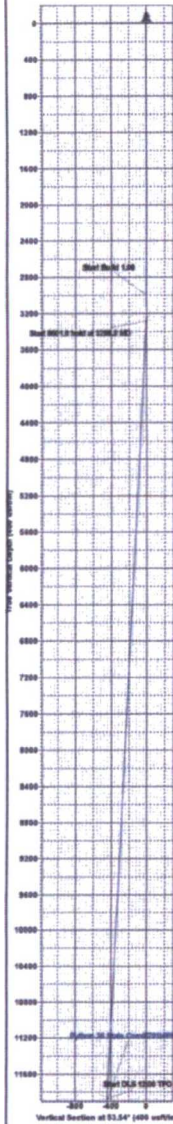
Azimuths to Grid North
True North: -0.37°
Magnetic North: 6.55°
Magnetic Field
Strength: 47840.5snT
Dip Angle: 59.99°
Date: 1/4/2015
Model: IGRF2015

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
PBHL Python 36 St Com #701H	12368.0	4738.0	-397.0	425448.00	757528.00
FTP Python 36 St Com #701H	12368.0	17.0	-375.0	425448.00	757528.00





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Python 36 State Com

#701H

OH

Plan: Plan #0.1

Standard Planning Report

05 January, 2018



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Python 36 State Com
Well: #701H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3583.0usft
MD Reference: KB = 25 @ 3583.0usft
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	Python 36 State Com		
Site Position:		Northing:	425,448.00 usft
From:	Map	Easting:	757,528.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 10' 3.739 N
		Longitude:	103° 38' 4.742 W
		Grid Convergence:	0.37 °

Well	#701H		
Well Position	+N/-S	0.0 usft	Northing: 425,448.00 usft
	+E/-W	0.0 usft	Easting: 757,528.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level: 3,558.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	1/4/2018	(°)
			6.92
			Dip Angle
			(°)
			59.99
			Field Strength
			(nT)
			47,840.45257033

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			355.21

Plan Survey Tool Program	Date	1/5/2018		
Depth From	Depth To	Survey (Wellbore)	Tool Name	Remarks
(usft)	(usft)			
1	0.0	17,172.8 Plan #0.1 (OH)	MWD	
			MWD - Standard	

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,286.8	2.87	233.52	3,286.6	-4.3	-5.8	1.00	1.00	0.00	233.52	
11,887.7	2.87	233.52	11,876.8	-260.1	-351.7	0.00	0.00	0.00	0.00	
12,651.8	90.00	359.71	12,368.0	217.0	-374.0	12.00	11.40	16.51	126.16	
17,172.8	90.00	359.71	12,368.0	4,738.0	-397.0	0.00	0.00	0.00	0.00	PBHL(Python 36 St C



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Python 36 State Com
 Well: #701H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #701H
 TVD Reference: KB = 25 @ 3583.0usft
 MD Reference: KB = 25 @ 3583.0usft
 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	1.00	233.52	3,100.0	-0.5	-0.7	-0.5	1.00	1.00	0.00
3,200.0	2.00	233.52	3,200.0	-2.1	-2.8	-1.8	1.00	1.00	0.00
3,286.8	2.87	233.52	3,286.6	-4.3	-5.8	-3.8	1.00	1.00	0.00
3,300.0	2.87	233.52	3,299.9	-4.7	-6.3	-4.1	0.00	0.00	0.00
3,400.0	2.87	233.52	3,399.7	-7.6	-10.3	-6.7	0.00	0.00	0.00
3,500.0	2.87	233.52	3,499.6	-10.6	-14.3	-9.4	0.00	0.00	0.00
3,600.0	2.87	233.52	3,599.5	-13.6	-18.4	-12.0	0.00	0.00	0.00
3,700.0	2.87	233.52	3,699.4	-16.6	-22.4	-14.6	0.00	0.00	0.00
3,800.0	2.87	233.52	3,799.2	-19.5	-26.4	-17.3	0.00	0.00	0.00
3,900.0	2.87	233.52	3,899.1	-22.5	-30.4	-19.9	0.00	0.00	0.00
4,000.0	2.87	233.52	3,999.0	-25.5	-34.5	-22.5	0.00	0.00	0.00
4,100.0	2.87	233.52	4,098.9	-28.5	-38.5	-25.1	0.00	0.00	0.00
4,200.0	2.87	233.52	4,198.7	-31.4	-42.5	-27.8	0.00	0.00	0.00
4,300.0	2.87	233.52	4,298.6	-34.4	-46.5	-30.4	0.00	0.00	0.00
4,400.0	2.87	233.52	4,398.5	-37.4	-50.5	-33.0	0.00	0.00	0.00
4,500.0	2.87	233.52	4,498.4	-40.4	-54.6	-35.7	0.00	0.00	0.00
4,600.0	2.87	233.52	4,598.2	-43.3	-58.6	-38.3	0.00	0.00	0.00
4,700.0	2.87	233.52	4,698.1	-46.3	-62.6	-40.9	0.00	0.00	0.00
4,800.0	2.87	233.52	4,798.0	-49.3	-66.6	-43.5	0.00	0.00	0.00
4,900.0	2.87	233.52	4,897.9	-52.3	-70.7	-46.2	0.00	0.00	0.00
5,000.0	2.87	233.52	4,997.7	-55.2	-74.7	-48.8	0.00	0.00	0.00
5,100.0	2.87	233.52	5,097.6	-58.2	-78.7	-51.4	0.00	0.00	0.00
5,200.0	2.87	233.52	5,197.5	-61.2	-82.7	-54.1	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Python 36 State Com
Well: #701H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3583.0usft
MD Reference: KB = 25 @ 3583.0usft
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	2.87	233.52	5,297.4	-64.2	-86.7	-56.7	0.00	0.00	0.00
5,400.0	2.87	233.52	5,397.2	-67.1	-90.8	-59.3	0.00	0.00	0.00
5,500.0	2.87	233.52	5,497.1	-70.1	-94.8	-61.9	0.00	0.00	0.00
5,600.0	2.87	233.52	5,597.0	-73.1	-98.8	-64.6	0.00	0.00	0.00
5,700.0	2.87	233.52	5,696.9	-76.1	-102.8	-67.2	0.00	0.00	0.00
5,800.0	2.87	233.52	5,796.7	-79.0	-106.9	-69.8	0.00	0.00	0.00
5,900.0	2.87	233.52	5,896.6	-82.0	-110.9	-72.5	0.00	0.00	0.00
6,000.0	2.87	233.52	5,996.5	-85.0	-114.9	-75.1	0.00	0.00	0.00
6,100.0	2.87	233.52	6,096.4	-87.9	-118.9	-77.7	0.00	0.00	0.00
6,200.0	2.87	233.52	6,196.2	-90.9	-123.0	-80.3	0.00	0.00	0.00
6,300.0	2.87	233.52	6,296.1	-93.9	-127.0	-83.0	0.00	0.00	0.00
6,400.0	2.87	233.52	6,396.0	-96.9	-131.0	-85.6	0.00	0.00	0.00
6,500.0	2.87	233.52	6,495.9	-99.8	-135.0	-88.2	0.00	0.00	0.00
6,600.0	2.87	233.52	6,595.7	-102.8	-139.0	-90.9	0.00	0.00	0.00
6,700.0	2.87	233.52	6,695.6	-105.8	-143.1	-93.5	0.00	0.00	0.00
6,800.0	2.87	233.52	6,795.5	-108.8	-147.1	-96.1	0.00	0.00	0.00
6,900.0	2.87	233.52	6,895.4	-111.7	-151.1	-98.7	0.00	0.00	0.00
7,000.0	2.87	233.52	6,995.2	-114.7	-155.1	-101.4	0.00	0.00	0.00
7,100.0	2.87	233.52	7,095.1	-117.7	-159.2	-104.0	0.00	0.00	0.00
7,200.0	2.87	233.52	7,195.0	-120.7	-163.2	-106.6	0.00	0.00	0.00
7,300.0	2.87	233.52	7,294.9	-123.6	-167.2	-109.3	0.00	0.00	0.00
7,400.0	2.87	233.52	7,394.7	-126.6	-171.2	-111.9	0.00	0.00	0.00
7,500.0	2.87	233.52	7,494.6	-129.6	-175.2	-114.5	0.00	0.00	0.00
7,600.0	2.87	233.52	7,594.5	-132.6	-179.3	-117.1	0.00	0.00	0.00
7,700.0	2.87	233.52	7,694.4	-135.5	-183.3	-119.8	0.00	0.00	0.00
7,800.0	2.87	233.52	7,794.2	-138.5	-187.3	-122.4	0.00	0.00	0.00
7,900.0	2.87	233.52	7,894.1	-141.5	-191.3	-125.0	0.00	0.00	0.00
8,000.0	2.87	233.52	7,994.0	-144.5	-195.4	-127.6	0.00	0.00	0.00
8,100.0	2.87	233.52	8,093.9	-147.4	-199.4	-130.3	0.00	0.00	0.00
8,200.0	2.87	233.52	8,193.7	-150.4	-203.4	-132.9	0.00	0.00	0.00
8,300.0	2.87	233.52	8,293.6	-153.4	-207.4	-135.5	0.00	0.00	0.00
8,400.0	2.87	233.52	8,393.5	-156.4	-211.4	-138.2	0.00	0.00	0.00
8,500.0	2.87	233.52	8,493.4	-159.3	-215.5	-140.8	0.00	0.00	0.00
8,600.0	2.87	233.52	8,593.2	-162.3	-219.5	-143.4	0.00	0.00	0.00
8,700.0	2.87	233.52	8,693.1	-165.3	-223.5	-146.0	0.00	0.00	0.00
8,800.0	2.87	233.52	8,793.0	-168.3	-227.5	-148.7	0.00	0.00	0.00
8,900.0	2.87	233.52	8,892.9	-171.2	-231.6	-151.3	0.00	0.00	0.00
9,000.0	2.87	233.52	8,992.7	-174.2	-235.6	-153.9	0.00	0.00	0.00
9,100.0	2.87	233.52	9,092.6	-177.2	-239.6	-156.6	0.00	0.00	0.00
9,200.0	2.87	233.52	9,192.5	-180.2	-243.6	-159.2	0.00	0.00	0.00
9,300.0	2.87	233.52	9,292.4	-183.1	-247.6	-161.8	0.00	0.00	0.00
9,400.0	2.87	233.52	9,392.2	-186.1	-251.7	-164.4	0.00	0.00	0.00
9,500.0	2.87	233.52	9,492.1	-189.1	-255.7	-167.1	0.00	0.00	0.00
9,600.0	2.87	233.52	9,592.0	-192.1	-259.7	-169.7	0.00	0.00	0.00
9,700.0	2.87	233.52	9,691.8	-195.0	-263.7	-172.3	0.00	0.00	0.00
9,800.0	2.87	233.52	9,791.7	-198.0	-267.8	-175.0	0.00	0.00	0.00
9,900.0	2.87	233.52	9,891.6	-201.0	-271.8	-177.6	0.00	0.00	0.00
10,000.0	2.87	233.52	9,991.5	-204.0	-275.8	-180.2	0.00	0.00	0.00
10,100.0	2.87	233.52	10,091.3	-206.9	-279.8	-182.8	0.00	0.00	0.00
10,200.0	2.87	233.52	10,191.2	-209.9	-283.8	-185.5	0.00	0.00	0.00
10,300.0	2.87	233.52	10,291.1	-212.9	-287.9	-188.1	0.00	0.00	0.00
10,400.0	2.87	233.52	10,391.0	-215.9	-291.9	-190.7	0.00	0.00	0.00
10,500.0	2.87	233.52	10,490.8	-218.8	-295.9	-193.4	0.00	0.00	0.00
10,600.0	2.87	233.52	10,590.7	-221.8	-299.9	-196.0	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Python 36 State Com
 Well: #701H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference:
 TVD Reference: KB = 25 @ 3583.0usft
 MD Reference: KB = 25 @ 3583.0usft
 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)
10,700.0	2.87	233.52	10,690.6	-224.8	-304.0	-198.6	0.00	0.00	0.00
10,800.0	2.87	233.52	10,790.5	-227.8	-308.0	-201.2	0.00	0.00	0.00
10,900.0	2.87	233.52	10,890.3	-230.7	-312.0	-203.9	0.00	0.00	0.00
11,000.0	2.87	233.52	10,990.2	-233.7	-316.0	-206.5	0.00	0.00	0.00
11,100.0	2.87	233.52	11,090.1	-236.7	-320.0	-209.1	0.00	0.00	0.00
11,200.0	2.87	233.52	11,190.0	-239.7	-324.1	-211.8	0.00	0.00	0.00
11,300.0	2.87	233.52	11,289.8	-242.6	-328.1	-214.4	0.00	0.00	0.00
11,400.0	2.87	233.52	11,389.7	-245.6	-332.1	-217.0	0.00	0.00	0.00
11,500.0	2.87	233.52	11,489.6	-248.6	-336.1	-219.6	0.00	0.00	0.00
11,600.0	2.87	233.52	11,589.5	-251.6	-340.2	-222.3	0.00	0.00	0.00
11,700.0	2.87	233.52	11,689.3	-254.5	-344.2	-224.9	0.00	0.00	0.00
11,800.0	2.87	233.52	11,789.2	-257.5	-348.2	-227.5	0.00	0.00	0.00
11,887.7	2.87	233.52	11,876.8	-260.1	-351.7	-229.8	0.00	0.00	0.00
11,900.0	2.33	264.29	11,889.1	-260.3	-352.2	-230.0	12.00	-4.42	250.65
11,925.0	3.62	319.96	11,914.1	-259.8	-353.2	-229.4	12.00	5.17	222.67
11,950.0	6.23	337.96	11,939.0	-257.9	-354.3	-227.4	12.00	10.43	71.99
11,975.0	9.08	345.05	11,963.8	-254.7	-355.3	-224.2	12.00	11.41	28.39
12,000.0	12.00	348.75	11,988.3	-250.3	-356.3	-219.7	12.00	11.70	14.78
12,025.0	14.96	351.00	12,012.6	-244.5	-357.3	-213.9	12.00	11.82	9.03
12,050.0	17.93	352.53	12,036.6	-237.5	-358.3	-206.8	12.00	11.88	6.10
12,075.0	20.90	353.63	12,060.2	-229.3	-359.3	-198.5	12.00	11.91	4.41
12,100.0	23.89	354.47	12,083.3	-219.8	-360.3	-189.0	12.00	11.93	3.35
12,125.0	26.87	355.13	12,105.9	-209.2	-361.3	-178.3	12.00	11.95	2.65
12,150.0	29.86	355.67	12,127.9	-197.3	-362.2	-166.4	12.00	11.96	2.15
12,175.0	32.85	356.12	12,149.2	-184.3	-363.1	-153.4	12.00	11.96	1.79
12,200.0	35.85	356.50	12,169.9	-170.3	-364.0	-139.3	12.00	11.97	1.53
12,225.0	38.84	356.83	12,189.7	-155.1	-364.9	-124.1	12.00	11.97	1.32
12,250.0	41.83	357.12	12,208.8	-139.0	-365.8	-107.9	12.00	11.98	1.16
12,275.0	44.83	357.38	12,227.0	-121.8	-366.6	-90.8	12.00	11.98	1.03
12,300.0	47.82	357.61	12,244.2	-103.8	-367.4	-72.7	12.00	11.98	0.93
12,325.0	50.82	357.82	12,260.5	-84.8	-368.1	-53.8	12.00	11.98	0.84
12,350.0	53.81	358.01	12,275.8	-65.1	-368.9	-34.0	12.00	11.98	0.77
12,375.0	56.81	358.19	12,290.0	-44.5	-369.5	-13.5	12.00	11.99	0.72
12,400.0	59.81	358.36	12,303.2	-23.3	-370.2	7.7	12.00	11.99	0.67
12,425.0	62.80	358.52	12,315.2	-1.3	-370.8	29.6	12.00	11.99	0.63
12,450.0	65.80	358.67	12,326.0	21.2	-371.3	52.1	12.00	11.99	0.60
12,462.4	67.29	358.74	12,330.9	32.5	-371.6	63.5	12.00	11.99	0.58
FTP(Python 36 St Com #701H)									
12,475.0	68.80	358.81	12,335.7	44.2	-371.8	75.1	12.00	11.99	0.56
12,500.0	71.80	358.95	12,344.1	67.8	-372.3	98.6	12.00	11.99	0.55
12,525.0	74.79	359.08	12,351.3	91.7	-372.7	122.5	12.00	11.99	0.53
12,550.0	77.79	359.21	12,357.2	116.0	-373.1	146.7	12.00	11.99	0.51
12,575.0	80.79	359.33	12,361.8	140.5	-373.4	171.2	12.00	11.99	0.50
12,600.0	83.79	359.46	12,365.2	165.3	-373.6	195.9	12.00	11.99	0.49
12,625.0	86.78	359.58	12,367.2	190.2	-373.9	220.8	12.00	11.99	0.49
12,651.8	90.00	359.71	12,368.0	217.0	-374.0	247.5	12.00	11.99	0.49
12,700.0	90.00	359.71	12,368.0	265.2	-374.3	295.5	0.00	0.00	0.00
12,800.0	90.00	359.71	12,368.0	365.2	-374.8	395.2	0.00	0.00	0.00
12,900.0	90.00	359.71	12,368.0	465.2	-375.3	494.9	0.00	0.00	0.00
13,000.0	90.00	359.71	12,368.0	565.2	-375.8	594.6	0.00	0.00	0.00
13,100.0	90.00	359.71	12,368.0	665.2	-376.3	694.3	0.00	0.00	0.00
13,200.0	90.00	359.71	12,368.0	765.2	-376.8	794.0	0.00	0.00	0.00
13,300.0	90.00	359.71	12,368.0	865.2	-377.3	893.7	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Python 36 State Corn
Well: #701H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3583.0usft
MD Reference: KB = 25 @ 3583.0usft
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)
13,400.0	90.00	359.71	12,368.0	965.2	-377.8	993.4	0.00	0.00	0.00
13,500.0	90.00	359.71	12,368.0	1,065.2	-378.3	1,093.1	0.00	0.00	0.00
13,600.0	90.00	359.71	12,368.0	1,165.2	-378.8	1,192.8	0.00	0.00	0.00
13,700.0	90.00	359.71	12,368.0	1,265.2	-379.3	1,292.5	0.00	0.00	0.00
13,800.0	90.00	359.71	12,368.0	1,365.2	-379.9	1,392.1	0.00	0.00	0.00
13,900.0	90.00	359.71	12,368.0	1,465.2	-380.4	1,491.8	0.00	0.00	0.00
14,000.0	90.00	359.71	12,368.0	1,565.2	-380.9	1,591.5	0.00	0.00	0.00
14,100.0	90.00	359.71	12,368.0	1,665.2	-381.4	1,691.2	0.00	0.00	0.00
14,200.0	90.00	359.71	12,368.0	1,765.2	-381.9	1,790.9	0.00	0.00	0.00
14,300.0	90.00	359.71	12,368.0	1,865.2	-382.4	1,890.6	0.00	0.00	0.00
14,400.0	90.00	359.71	12,368.0	1,965.2	-382.9	1,990.3	0.00	0.00	0.00
14,500.0	90.00	359.71	12,368.0	2,065.2	-383.4	2,090.0	0.00	0.00	0.00
14,600.0	90.00	359.71	12,368.0	2,165.2	-383.9	2,189.7	0.00	0.00	0.00
14,700.0	90.00	359.71	12,368.0	2,265.2	-384.4	2,289.4	0.00	0.00	0.00
14,800.0	90.00	359.71	12,368.0	2,365.2	-384.9	2,389.1	0.00	0.00	0.00
14,900.0	90.00	359.71	12,368.0	2,465.2	-385.4	2,488.8	0.00	0.00	0.00
15,000.0	90.00	359.71	12,368.0	2,565.2	-386.0	2,588.4	0.00	0.00	0.00
15,100.0	90.00	359.71	12,368.0	2,665.2	-386.5	2,688.1	0.00	0.00	0.00
15,200.0	90.00	359.71	12,368.0	2,765.2	-387.0	2,787.8	0.00	0.00	0.00
15,300.0	90.00	359.71	12,368.0	2,865.2	-387.5	2,887.5	0.00	0.00	0.00
15,400.0	90.00	359.71	12,368.0	2,965.2	-388.0	2,987.2	0.00	0.00	0.00
15,500.0	90.00	359.71	12,368.0	3,065.2	-388.5	3,086.9	0.00	0.00	0.00
15,600.0	90.00	359.71	12,368.0	3,165.2	-389.0	3,186.6	0.00	0.00	0.00
15,700.0	90.00	359.71	12,368.0	3,265.2	-389.5	3,286.3	0.00	0.00	0.00
15,800.0	90.00	359.71	12,368.0	3,365.2	-390.0	3,386.0	0.00	0.00	0.00
15,900.0	90.00	359.71	12,368.0	3,465.2	-390.5	3,485.7	0.00	0.00	0.00
16,000.0	90.00	359.71	12,368.0	3,565.2	-391.0	3,585.4	0.00	0.00	0.00
16,100.0	90.00	359.71	12,368.0	3,665.2	-391.5	3,685.1	0.00	0.00	0.00
16,200.0	90.00	359.71	12,368.0	3,765.2	-392.1	3,784.8	0.00	0.00	0.00
16,300.0	90.00	359.71	12,368.0	3,865.2	-392.6	3,884.4	0.00	0.00	0.00
16,400.0	90.00	359.71	12,368.0	3,965.2	-393.1	3,984.1	0.00	0.00	0.00
16,500.0	90.00	359.71	12,368.0	4,065.2	-393.6	4,083.8	0.00	0.00	0.00
16,600.0	90.00	359.71	12,368.0	4,165.2	-394.1	4,183.5	0.00	0.00	0.00
16,700.0	90.00	359.71	12,368.0	4,265.2	-394.6	4,283.2	0.00	0.00	0.00
16,800.0	90.00	359.71	12,368.0	4,365.2	-395.1	4,382.9	0.00	0.00	0.00
16,900.0	90.00	359.71	12,368.0	4,465.2	-395.6	4,482.6	0.00	0.00	0.00
17,000.0	90.00	359.71	12,368.0	4,565.2	-396.1	4,582.3	0.00	0.00	0.00
17,100.0	90.00	359.71	12,368.0	4,665.2	-396.6	4,682.0	0.00	0.00	0.00
17,172.8	90.00	359.71	12,368.0	4,738.0	-397.0	4,754.6	0.00	0.00	0.00

PBHL(Python 36 St Corn #701H)

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP(Python 36 St Corn - hit/miss target - Shape - Point	0.00	0.00	12,368.0	17.0	-373.0	425,465.00	757,155.00	32° 10' 3.931 N	103° 38' 9.080 W
- plan misses target center by 40.2usft at 12462.4usft MD (12330.9 TVD, 32.5 N, -371.6 E)									
PBHL(Python 36 St Corn - plan hits target center - Point	0.00	0.00	12,368.0	4,738.0	-397.0	430,186.00	757,131.00	32° 10' 50.649 N	103° 38' 9.003 W



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Python 36 State Com
Well: #701H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #701H
TVD Reference: KB = 25 @ 3583.0usft
MD Reference: KB = 25 @ 3583.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature