

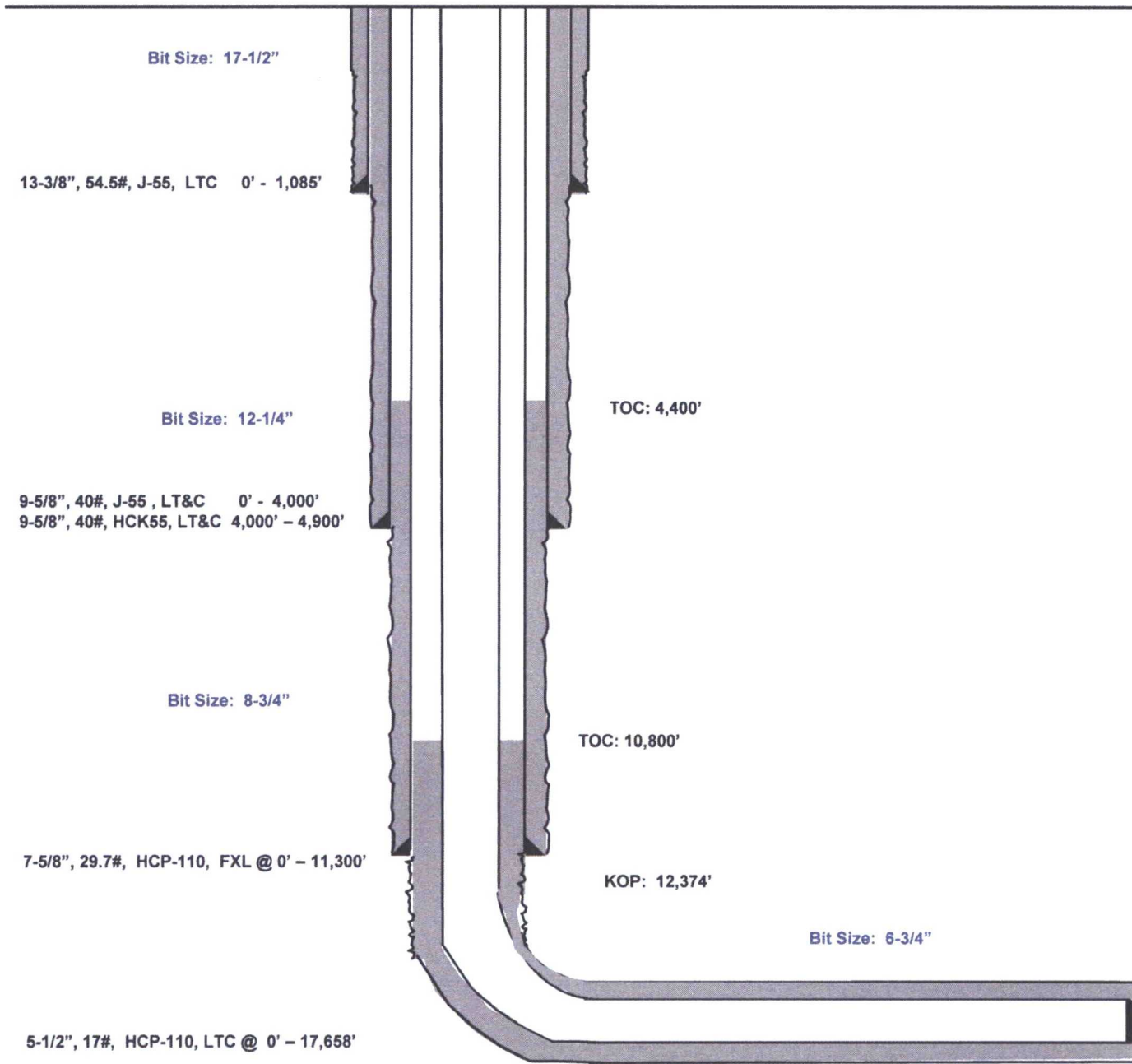
Python 36 State Com #702H
Lea County, New Mexico

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

Proposed Wellbore

API: 30-025-*****

KB: 3,582'
GL: 3,557'



Lateral: 17,658' MD, 12,860' TVD
BH Location: 230' FNL & 580' FWL
Section 36
T-24-S, R-32-E



Lea County, NM (NAD 83 NME)

Python 36 State Com #702H

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: #702H

KB = 26 @ 3582.0usft 3587.0
Northing 425448.00 Easting 757561.00 Latitude 32° 10' 3.737 N Longitude 103° 38' 4.356 W



Azimuths to Grid North
True North: -0.37°
Magnetic North: 6.55°

Magnetic Field
Strength: 47840.5nT
Dip Angle: 59.99°
Date: 1/4/2015
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.55°
To convert a Magnetic Direction to a True Direction, Add 6.92° East
To convert a True Direction to a Grid Direction, Subtract 0.37°

SECTION DETAILS

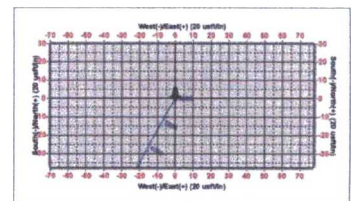
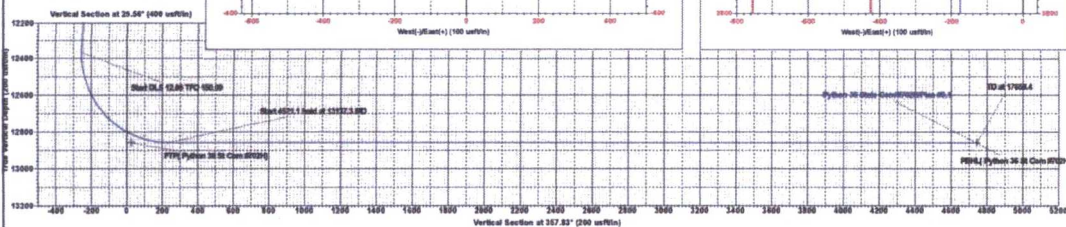
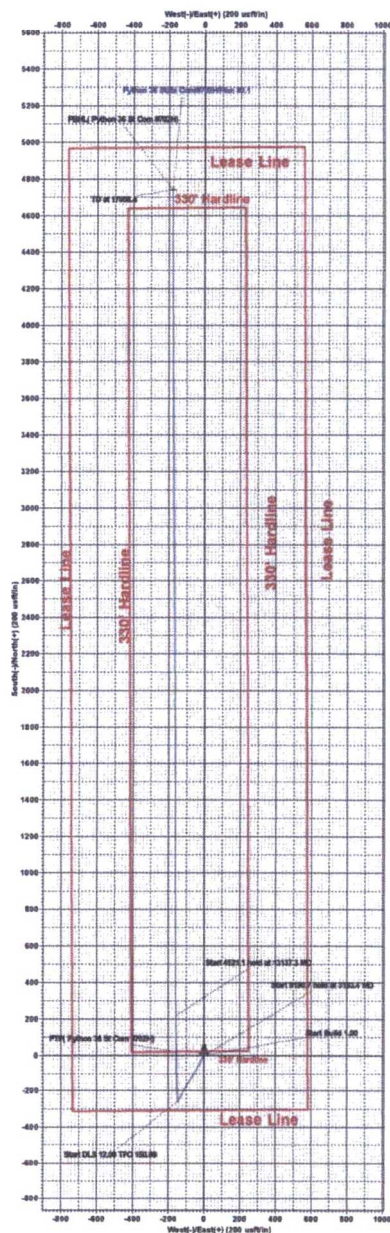
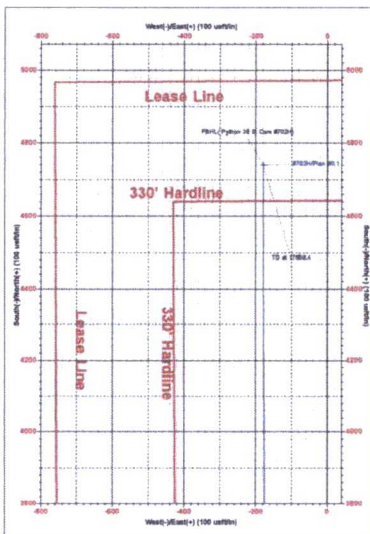
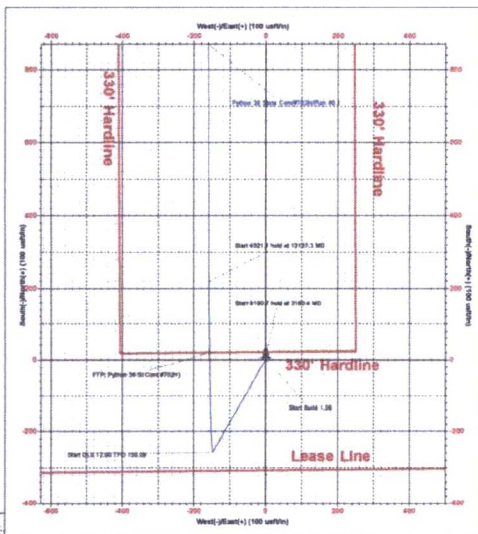
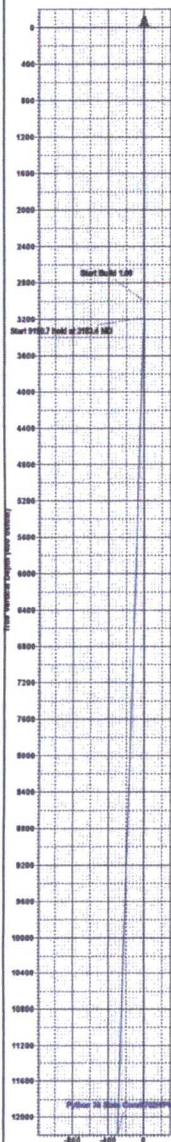
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Deg	TFace	VFace	Target	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0		
3	3183.4	1.83	209.61	3183.3	-2.8	-1.4	1.00	209.61	-2.5		
4	12374.1	1.83	209.61	12368.4	-268.2	-146.8	0.00	0.00	-382.5		
5	15137.3	90.00	359.71	12890.0	219.0	-167.0	12.00	160.09	224.8		
6	17866.4	90.00	359.71	12890.0	4740.0	-180.0	0.00	0.00	4740.4		PBHL Python 36 St Com #702H

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 #702H	12890.0	4740.0	-180.0	430188.00	757391.00
FTPI Python 36 St Com #702H	12890.0	19.0	-156.0	425467.00	757406.00



Lea County, NM (NAD 83 NME)
Python 36 State Com #702H
Plan #0.1



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Python 36 State Com

#702H

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

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25 @ 3582.0usft
MD Reference: KB = 25 @ 3582.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project Lea County, NM (NAD 83 NME)

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

Site Python 36 State Com

Site Position: Northing: 425,448.00 usft Latitude: 32° 10' 3.739 N
From: Map Easting: 757,528.00 usft Longitude: 103° 38' 4.742 W
Position Uncertainty: 0.0 usft Slot Radius: 13-3/16 " Grid Convergence: 0.37 °

Well #702H

Well Position +N/-S 0.0 usft Northing: 425,448.00 usft Latitude: 32° 10' 3.737 N
 +E/-W 33.0 usft Easting: 757,561.00 usft Longitude: 103° 38' 4.358 W
Position Uncertainty 0.0 usft Wellhead Elevation: Ground Level: 3,557.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	1/4/2018	6.92	59.99	47,840.47080000

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	357.83

Plan Survey Tool Program Date 1/5/2018

Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	17,658.4 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	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,183.4	1.83	209.61	3,183.3	-2.6	-1.4	1.00	1.00	0.00	209.61	
12,374.1	1.83	209.61	12,369.4	-258.2	-146.8	0.00	0.00	0.00	0.00	
13,137.3	90.00	359.71	12,860.0	219.0	-157.0	12.00	11.55	19.67	150.09	
17,658.4	90.00	359.71	12,860.0	4,740.0	-180.0	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: #702H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
 TVD Reference: KB = 25 @ 3582.0usft
 MD Reference: KB = 25 @ 3582.0usft
 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	209.61	3,100.0	-0.8	-0.4	-0.7	1.00	1.00	0.00
3,183.4	1.83	209.61	3,183.3	-2.6	-1.4	-2.5	1.00	1.00	0.00
3,200.0	1.83	209.61	3,200.0	-3.0	-1.7	-2.9	0.00	0.00	0.00
3,300.0	1.83	209.61	3,299.9	-5.8	-3.3	-5.7	0.00	0.00	0.00
3,400.0	1.83	209.61	3,399.9	-8.6	-4.9	-8.4	0.00	0.00	0.00
3,500.0	1.83	209.61	3,499.8	-11.4	-6.5	-11.1	0.00	0.00	0.00
3,600.0	1.83	209.61	3,599.8	-14.1	-8.0	-13.8	0.00	0.00	0.00
3,700.0	1.83	209.61	3,699.7	-16.9	-9.6	-16.5	0.00	0.00	0.00
3,800.0	1.83	209.61	3,799.7	-19.7	-11.2	-19.3	0.00	0.00	0.00
3,900.0	1.83	209.61	3,899.6	-22.5	-12.8	-22.0	0.00	0.00	0.00
4,000.0	1.83	209.61	3,999.6	-25.3	-14.4	-24.7	0.00	0.00	0.00
4,100.0	1.83	209.61	4,099.5	-28.1	-15.9	-27.4	0.00	0.00	0.00
4,200.0	1.83	209.61	4,199.4	-30.8	-17.5	-30.1	0.00	0.00	0.00
4,300.0	1.83	209.61	4,299.4	-33.6	-19.1	-32.9	0.00	0.00	0.00
4,400.0	1.83	209.61	4,399.3	-36.4	-20.7	-35.6	0.00	0.00	0.00
4,500.0	1.83	209.61	4,499.3	-39.2	-22.3	-38.3	0.00	0.00	0.00
4,600.0	1.83	209.61	4,599.2	-42.0	-23.8	-41.0	0.00	0.00	0.00
4,700.0	1.83	209.61	4,699.2	-44.7	-25.4	-43.7	0.00	0.00	0.00
4,800.0	1.83	209.61	4,799.1	-47.5	-27.0	-46.5	0.00	0.00	0.00
4,900.0	1.83	209.61	4,899.1	-50.3	-28.6	-49.2	0.00	0.00	0.00
5,000.0	1.83	209.61	4,999.0	-53.1	-30.2	-51.9	0.00	0.00	0.00
5,100.0	1.83	209.61	5,099.0	-55.9	-31.8	-54.6	0.00	0.00	0.00
5,200.0	1.83	209.61	5,198.9	-58.7	-33.3	-57.3	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: #702H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
 TVD Reference: KB = 25 @ 3582.0usft
 MD Reference: KB = 25 @ 3582.0usft
 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	1.83	209.61	5,298.9	-61.4	-34.9	-60.1	0.00	0.00	0.00
5,400.0	1.83	209.61	5,398.8	-64.2	-36.5	-62.8	0.00	0.00	0.00
5,500.0	1.83	209.61	5,498.8	-67.0	-38.1	-65.5	0.00	0.00	0.00
5,600.0	1.83	209.61	5,598.7	-69.8	-39.7	-68.2	0.00	0.00	0.00
5,700.0	1.83	209.61	5,698.7	-72.6	-41.2	-70.9	0.00	0.00	0.00
5,800.0	1.83	209.61	5,798.6	-75.3	-42.8	-73.7	0.00	0.00	0.00
5,900.0	1.83	209.61	5,898.6	-78.1	-44.4	-76.4	0.00	0.00	0.00
6,000.0	1.83	209.61	5,998.5	-80.9	-46.0	-79.1	0.00	0.00	0.00
6,100.0	1.83	209.61	6,098.5	-83.7	-47.6	-81.8	0.00	0.00	0.00
6,200.0	1.83	209.61	6,198.4	-86.5	-49.1	-84.5	0.00	0.00	0.00
6,300.0	1.83	209.61	6,298.4	-89.3	-50.7	-87.3	0.00	0.00	0.00
6,400.0	1.83	209.61	6,398.3	-92.0	-52.3	-90.0	0.00	0.00	0.00
6,500.0	1.83	209.61	6,498.3	-94.8	-53.9	-92.7	0.00	0.00	0.00
6,600.0	1.83	209.61	6,598.2	-97.6	-55.5	-95.4	0.00	0.00	0.00
6,700.0	1.83	209.61	6,698.2	-100.4	-57.0	-98.1	0.00	0.00	0.00
6,800.0	1.83	209.61	6,798.1	-103.2	-58.6	-100.9	0.00	0.00	0.00
6,900.0	1.83	209.61	6,898.1	-105.9	-60.2	-103.6	0.00	0.00	0.00
7,000.0	1.83	209.61	6,998.0	-108.7	-61.8	-106.3	0.00	0.00	0.00
7,100.0	1.83	209.61	7,098.0	-111.5	-63.4	-109.0	0.00	0.00	0.00
7,200.0	1.83	209.61	7,197.9	-114.3	-65.0	-111.7	0.00	0.00	0.00
7,300.0	1.83	209.61	7,297.9	-117.1	-66.5	-114.5	0.00	0.00	0.00
7,400.0	1.83	209.61	7,397.8	-119.9	-68.1	-117.2	0.00	0.00	0.00
7,500.0	1.83	209.61	7,497.8	-122.6	-69.7	-119.9	0.00	0.00	0.00
7,600.0	1.83	209.61	7,597.7	-125.4	-71.3	-122.6	0.00	0.00	0.00
7,700.0	1.83	209.61	7,697.7	-128.2	-72.9	-125.3	0.00	0.00	0.00
7,800.0	1.83	209.61	7,797.6	-131.0	-74.4	-128.1	0.00	0.00	0.00
7,900.0	1.83	209.61	7,897.6	-133.8	-76.0	-130.8	0.00	0.00	0.00
8,000.0	1.83	209.61	7,997.5	-136.5	-77.6	-133.5	0.00	0.00	0.00
8,100.0	1.83	209.61	8,097.5	-139.3	-79.2	-136.2	0.00	0.00	0.00
8,200.0	1.83	209.61	8,197.4	-142.1	-80.8	-138.9	0.00	0.00	0.00
8,300.0	1.83	209.61	8,297.3	-144.9	-82.3	-141.7	0.00	0.00	0.00
8,400.0	1.83	209.61	8,397.3	-147.7	-83.9	-144.4	0.00	0.00	0.00
8,500.0	1.83	209.61	8,497.2	-150.5	-85.5	-147.1	0.00	0.00	0.00
8,600.0	1.83	209.61	8,597.2	-153.2	-87.1	-149.8	0.00	0.00	0.00
8,700.0	1.83	209.61	8,697.1	-156.0	-88.7	-152.5	0.00	0.00	0.00
8,800.0	1.83	209.61	8,797.1	-158.8	-90.3	-155.3	0.00	0.00	0.00
8,900.0	1.83	209.61	8,897.0	-161.6	-91.8	-158.0	0.00	0.00	0.00
9,000.0	1.83	209.61	8,997.0	-164.4	-93.4	-160.7	0.00	0.00	0.00
9,100.0	1.83	209.61	9,096.9	-167.1	-95.0	-163.4	0.00	0.00	0.00
9,200.0	1.83	209.61	9,196.9	-169.9	-96.6	-166.1	0.00	0.00	0.00
9,300.0	1.83	209.61	9,296.8	-172.7	-98.2	-168.9	0.00	0.00	0.00
9,400.0	1.83	209.61	9,396.8	-175.5	-99.7	-171.6	0.00	0.00	0.00
9,500.0	1.83	209.61	9,496.7	-178.3	-101.3	-174.3	0.00	0.00	0.00
9,600.0	1.83	209.61	9,596.7	-181.1	-102.9	-177.0	0.00	0.00	0.00
9,700.0	1.83	209.61	9,696.6	-183.8	-104.5	-179.7	0.00	0.00	0.00
9,800.0	1.83	209.61	9,796.6	-186.6	-106.1	-182.5	0.00	0.00	0.00
9,900.0	1.83	209.61	9,896.5	-189.4	-107.6	-185.2	0.00	0.00	0.00
10,000.0	1.83	209.61	9,996.5	-192.2	-109.2	-187.9	0.00	0.00	0.00
10,100.0	1.83	209.61	10,096.4	-195.0	-110.8	-190.6	0.00	0.00	0.00
10,200.0	1.83	209.61	10,196.4	-197.7	-112.4	-193.3	0.00	0.00	0.00
10,300.0	1.83	209.61	10,296.3	-200.5	-114.0	-196.1	0.00	0.00	0.00
10,400.0	1.83	209.61	10,396.3	-203.3	-115.5	-198.8	0.00	0.00	0.00
10,500.0	1.83	209.61	10,496.2	-206.1	-117.1	-201.5	0.00	0.00	0.00
10,600.0	1.83	209.61	10,596.2	-208.9	-118.7	-204.2	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
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Site: Python 36 State Com
Well: #702H
Wellbore: OH
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Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25 @ 3582.0usft
MD Reference: KB = 25 @ 3582.0usft
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	1.83	209.61	10,696.1	-211.7	-120.3	-206.9	0.00	0.00	0.00
10,800.0	1.83	209.61	10,796.1	-214.4	-121.9	-209.7	0.00	0.00	0.00
10,900.0	1.83	209.61	10,896.0	-217.2	-123.5	-212.4	0.00	0.00	0.00
11,000.0	1.83	209.61	10,996.0	-220.0	-125.0	-215.1	0.00	0.00	0.00
11,100.0	1.83	209.61	11,095.9	-222.8	-126.6	-217.8	0.00	0.00	0.00
11,200.0	1.83	209.61	11,195.9	-225.6	-128.2	-220.5	0.00	0.00	0.00
11,300.0	1.83	209.61	11,295.8	-228.3	-129.8	-223.3	0.00	0.00	0.00
11,400.0	1.83	209.61	11,395.8	-231.1	-131.4	-226.0	0.00	0.00	0.00
11,500.0	1.83	209.61	11,495.7	-233.9	-132.9	-228.7	0.00	0.00	0.00
11,600.0	1.83	209.61	11,595.7	-236.7	-134.5	-231.4	0.00	0.00	0.00
11,700.0	1.83	209.61	11,695.6	-239.5	-136.1	-234.1	0.00	0.00	0.00
11,800.0	1.83	209.61	11,795.6	-242.3	-137.7	-236.9	0.00	0.00	0.00
11,900.0	1.83	209.61	11,895.5	-245.0	-139.3	-239.6	0.00	0.00	0.00
12,000.0	1.83	209.61	11,995.5	-247.8	-140.8	-242.3	0.00	0.00	0.00
12,100.0	1.83	209.61	12,095.4	-250.6	-142.4	-245.0	0.00	0.00	0.00
12,200.0	1.83	209.61	12,195.4	-253.4	-144.0	-247.7	0.00	0.00	0.00
12,300.0	1.83	209.61	12,295.3	-256.2	-145.6	-250.5	0.00	0.00	0.00
12,374.1	1.83	209.61	12,369.4	-258.2	-146.8	-252.5	0.00	0.00	0.00
12,400.0	1.77	328.68	12,395.3	-258.2	-147.2	-252.5	12.00	-0.23	459.57
12,425.0	4.61	348.30	12,420.2	-256.9	-147.6	-251.1	12.00	11.35	78.46
12,450.0	7.57	352.82	12,445.1	-254.3	-148.0	-248.5	12.00	11.85	18.08
12,475.0	10.56	354.80	12,469.8	-250.4	-148.4	-244.6	12.00	11.94	7.93
12,500.0	13.55	355.91	12,494.2	-245.2	-148.8	-239.4	12.00	11.96	4.46
12,525.0	16.54	356.63	12,518.3	-238.7	-149.2	-232.9	12.00	11.98	2.87
12,550.0	19.54	357.13	12,542.1	-231.0	-149.7	-225.1	12.00	11.98	2.01
12,575.0	22.54	357.50	12,565.4	-222.0	-150.1	-216.2	12.00	11.99	1.49
12,600.0	25.53	357.79	12,588.3	-211.9	-150.5	-206.0	12.00	11.99	1.16
12,625.0	28.53	358.03	12,610.5	-200.5	-150.9	-194.6	12.00	11.99	0.93
12,650.0	31.53	358.22	12,632.2	-188.0	-151.3	-182.1	12.00	11.99	0.77
12,675.0	34.53	358.38	12,653.1	-174.4	-151.7	-168.5	12.00	11.99	0.65
12,700.0	37.53	358.52	12,673.4	-159.7	-152.1	-153.8	12.00	12.00	0.55
12,725.0	40.53	358.64	12,692.8	-143.9	-152.5	-138.0	12.00	12.00	0.48
12,750.0	43.53	358.75	12,711.3	-127.2	-152.9	-121.3	12.00	12.00	0.43
12,775.0	46.53	358.84	12,729.0	-109.5	-153.3	-103.6	12.00	12.00	0.38
12,800.0	49.53	358.93	12,745.7	-90.9	-153.6	-85.1	12.00	12.00	0.35
12,825.0	52.53	359.01	12,761.4	-71.5	-154.0	-65.6	12.00	12.00	0.32
12,850.0	55.52	359.08	12,776.1	-51.3	-154.3	-45.4	12.00	12.00	0.29
12,875.0	58.52	359.15	12,789.7	-30.3	-154.6	-24.4	12.00	12.00	0.27
12,900.0	61.52	359.21	12,802.2	-8.7	-154.9	-2.8	12.00	12.00	0.26
12,925.0	64.52	359.27	12,813.6	13.6	-155.2	19.5	12.00	12.00	0.24
12,948.8	67.38	359.33	12,823.3	35.3	-155.5	41.2	12.00	12.00	0.23
FTP(Python 36 St Com #702H)									
12,950.0	67.52	359.33	12,823.7	36.4	-155.5	42.3	12.00	12.00	0.22
12,975.0	70.52	359.39	12,832.7	59.8	-155.8	65.6	12.00	12.00	0.22
13,000.0	73.52	359.44	12,840.4	83.6	-156.0	89.4	12.00	12.00	0.21
13,025.0	76.52	359.49	12,846.8	107.7	-156.2	113.6	12.00	12.00	0.21
13,050.0	79.52	359.54	12,852.0	132.2	-156.4	138.0	12.00	12.00	0.20
13,075.0	82.52	359.59	12,855.9	156.8	-156.6	162.7	12.00	12.00	0.20
13,100.0	85.52	359.64	12,858.5	181.7	-156.8	187.5	12.00	12.00	0.19
13,125.0	88.52	359.69	12,859.8	206.7	-157.0	212.5	12.00	12.00	0.19
13,137.3	90.00	359.71	12,860.0	219.0	-157.0	224.8	12.00	12.00	0.19
13,200.0	90.00	359.71	12,860.0	281.7	-157.3	287.4	0.00	0.00	0.00
13,300.0	90.00	359.71	12,860.0	381.7	-157.8	387.4	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: #702H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
 TVD Reference: KB = 25 @ 3582.0usft
 MD Reference: KB = 25 @ 3582.0usft
 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	12,860.0	481.7	-158.4	487.3	0.00	0.00	0.00
13,500.0	90.00	359.71	12,860.0	581.7	-158.9	587.3	0.00	0.00	0.00
13,600.0	90.00	359.71	12,860.0	681.7	-159.4	687.2	0.00	0.00	0.00
13,700.0	90.00	359.71	12,860.0	781.7	-159.9	787.2	0.00	0.00	0.00
13,800.0	90.00	359.71	12,860.0	881.7	-160.4	887.1	0.00	0.00	0.00
13,900.0	90.00	359.71	12,860.0	981.7	-160.9	987.1	0.00	0.00	0.00
14,000.0	90.00	359.71	12,860.0	1,081.7	-161.4	1,087.0	0.00	0.00	0.00
14,100.0	90.00	359.71	12,860.0	1,181.7	-161.9	1,186.9	0.00	0.00	0.00
14,200.0	90.00	359.71	12,860.0	1,281.7	-162.4	1,286.9	0.00	0.00	0.00
14,300.0	90.00	359.71	12,860.0	1,381.7	-162.9	1,386.8	0.00	0.00	0.00
14,400.0	90.00	359.71	12,860.0	1,481.7	-163.4	1,486.8	0.00	0.00	0.00
14,500.0	90.00	359.71	12,860.0	1,581.7	-163.9	1,586.7	0.00	0.00	0.00
14,600.0	90.00	359.71	12,860.0	1,681.6	-164.5	1,686.7	0.00	0.00	0.00
14,700.0	90.00	359.71	12,860.0	1,781.6	-165.0	1,786.6	0.00	0.00	0.00
14,800.0	90.00	359.71	12,860.0	1,881.6	-165.5	1,886.6	0.00	0.00	0.00
14,900.0	90.00	359.71	12,860.0	1,981.6	-166.0	1,986.5	0.00	0.00	0.00
15,000.0	90.00	359.71	12,860.0	2,081.6	-166.5	2,086.5	0.00	0.00	0.00
15,100.0	90.00	359.71	12,860.0	2,181.6	-167.0	2,186.4	0.00	0.00	0.00
15,200.0	90.00	359.71	12,860.0	2,281.6	-167.5	2,286.4	0.00	0.00	0.00
15,300.0	90.00	359.71	12,860.0	2,381.6	-168.0	2,386.3	0.00	0.00	0.00
15,400.0	90.00	359.71	12,860.0	2,481.6	-168.5	2,486.2	0.00	0.00	0.00
15,500.0	90.00	359.71	12,860.0	2,581.6	-169.0	2,586.2	0.00	0.00	0.00
15,600.0	90.00	359.71	12,860.0	2,681.6	-169.5	2,686.1	0.00	0.00	0.00
15,700.0	90.00	359.71	12,860.0	2,781.6	-170.0	2,786.1	0.00	0.00	0.00
15,800.0	90.00	359.71	12,860.0	2,881.6	-170.6	2,886.0	0.00	0.00	0.00
15,900.0	90.00	359.71	12,860.0	2,981.6	-171.1	2,986.0	0.00	0.00	0.00
16,000.0	90.00	359.71	12,860.0	3,081.6	-171.6	3,085.9	0.00	0.00	0.00
16,100.0	90.00	359.71	12,860.0	3,181.6	-172.1	3,185.9	0.00	0.00	0.00
16,200.0	90.00	359.71	12,860.0	3,281.6	-172.6	3,285.8	0.00	0.00	0.00
16,300.0	90.00	359.71	12,860.0	3,381.6	-173.1	3,385.8	0.00	0.00	0.00
16,400.0	90.00	359.71	12,860.0	3,481.6	-173.6	3,485.7	0.00	0.00	0.00
16,500.0	90.00	359.71	12,860.0	3,581.6	-174.1	3,585.7	0.00	0.00	0.00
16,600.0	90.00	359.71	12,860.0	3,681.6	-174.6	3,685.6	0.00	0.00	0.00
16,700.0	90.00	359.71	12,860.0	3,781.6	-175.1	3,785.5	0.00	0.00	0.00
16,800.0	90.00	359.71	12,860.0	3,881.6	-175.6	3,885.5	0.00	0.00	0.00
16,900.0	90.00	359.71	12,860.0	3,981.6	-176.1	3,985.4	0.00	0.00	0.00
17,000.0	90.00	359.71	12,860.0	4,081.6	-176.7	4,085.4	0.00	0.00	0.00
17,100.0	90.00	359.71	12,860.0	4,181.6	-177.2	4,185.3	0.00	0.00	0.00
17,200.0	90.00	359.71	12,860.0	4,281.6	-177.7	4,285.3	0.00	0.00	0.00
17,300.0	90.00	359.71	12,860.0	4,381.6	-178.2	4,385.2	0.00	0.00	0.00
17,400.0	90.00	359.71	12,860.0	4,481.6	-178.7	4,485.2	0.00	0.00	0.00
17,500.0	90.00	359.71	12,860.0	4,581.6	-179.2	4,585.1	0.00	0.00	0.00
17,600.0	90.00	359.71	12,860.0	4,681.6	-179.7	4,685.1	0.00	0.00	0.00
17,658.4	90.00	359.71	12,860.0	4,740.0	-180.0	4,743.4	0.00	0.00	0.00

PBHL(Python 36 St Com #702H)



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Python 36 State Com
Well: #702H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #702H
TVD Reference: KB = 25 @ 3582.0usft
MD Reference: KB = 25 @ 3582.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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
FTP(Python 36 St Com - plan misses target center by 40.2usft at 12948.8usft MD (12823.3 TVD, 35.3 N, -155.5 E) - Point	0.00	0.00	12,860.0	19.0	-156.0	425,467.00	757,405.00	32° 10' 3.935 N	103° 38' 6.172 W
PBHL(Python 36 St Cor - plan hits target center - Point	0.00	0.00	12,860.0	4,740.0	-180.0	430,188.00	757,381.00	32° 10' 50.653 N	103° 38' 6.094 W