

Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised July 18, 2013

|                                                                                                                                                                                                                     |  |                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)       |  | WELL API NO.<br><b>30-025-45697</b>                                                                 |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>                                                                                      |  | 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator<br><b>EOG RESOURCES</b>                                                                                                                                                                         |  | 6. State Oil & Gas Lease No.                                                                        |
| 3. Address of Operator<br><b>P O BOX 2267, MIDLAND TX 79702</b>                                                                                                                                                     |  | 7. Lease Name or Unit Agreement Name<br><b>PYTHON 36 STATE COM</b>                                  |
| 4. Well Location<br>Unit Letter <b>O</b> <b>310</b> feet from the <b>SOUTH</b> line and <b>1720</b> feet from the <b>EAST</b> line<br>Section <b>36</b> Township <b>24S</b> Range <b>32E</b> NMPM County <b>LEA</b> |  | 8. Well Number<br><b>705H</b>                                                                       |
| 11. Elevation (Show whether <i>DR, RKB, RT, GR, etc.</i> )<br><b>3538GL</b>                                                                                                                                         |  | 9. OGRID Number<br><b>7377</b>                                                                      |
|                                                                                                                                                                                                                     |  | 10. Pool name or Wildcat<br><b>98180J WC-025 G-09 S253309P; UPR WC</b>                              |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                        |                                                  | SUBSEQUENT REPORT OF:                            |                                          |
|------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/>        | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input checked="" type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPL <input type="checkbox"/>          | CASING/CEMENT JOB <input type="checkbox"/>       |                                          |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    |                                                  |                                                  |                                          |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    | BHL CHANGE <input type="checkbox"/>              | OTHER: <input type="checkbox"/>                  |                                          |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

EOG respectfully requests an amendment to our approved APD for this well to reflect changes in the BHL and the casing design  
Please see the attached

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE **Sr. Regulatory Administrator**

DATE **04/09/19**

Type or print name **Emily Follis**

E-mail address: **emily\_follis@eogresources.com** PHONE: **432-848-9163**

For State Use Only

**Petroleum Engineer**

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

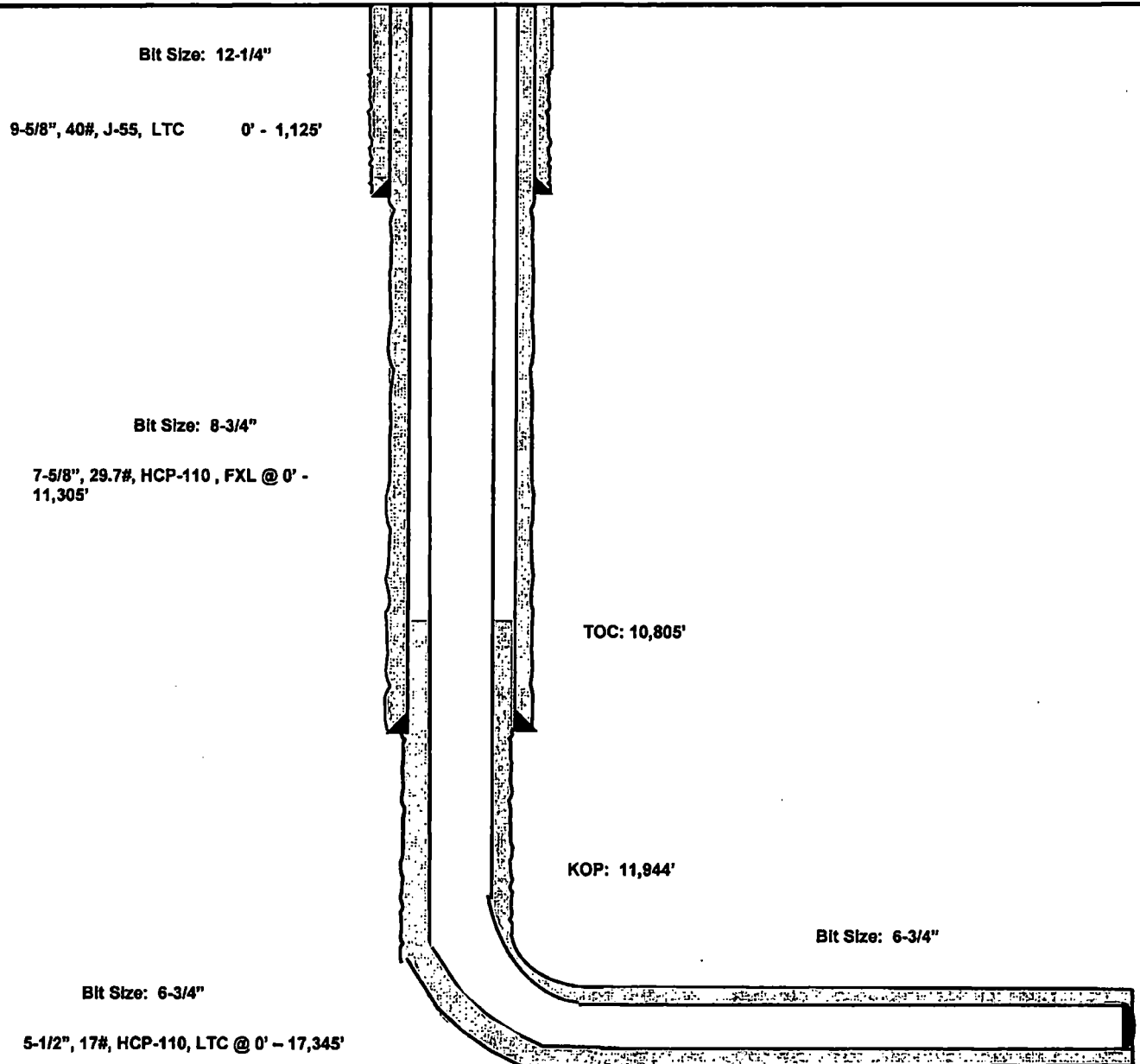
310' FSL  
1,720' FEL  
Section 36  
T-24-S, R-32-E

Python 36 State #705H  
Lea County, New Mexico

KB: 3,563'  
GL: 3,538'

Revised Wellbore 4/8/2019  
Design A

API: 30-025-45697



Lateral: 17,345' MD, 12,420' TVD  
BH Location: 100' FNL & 2,180' FEL  
Section 36  
T-24-S, R-32-E

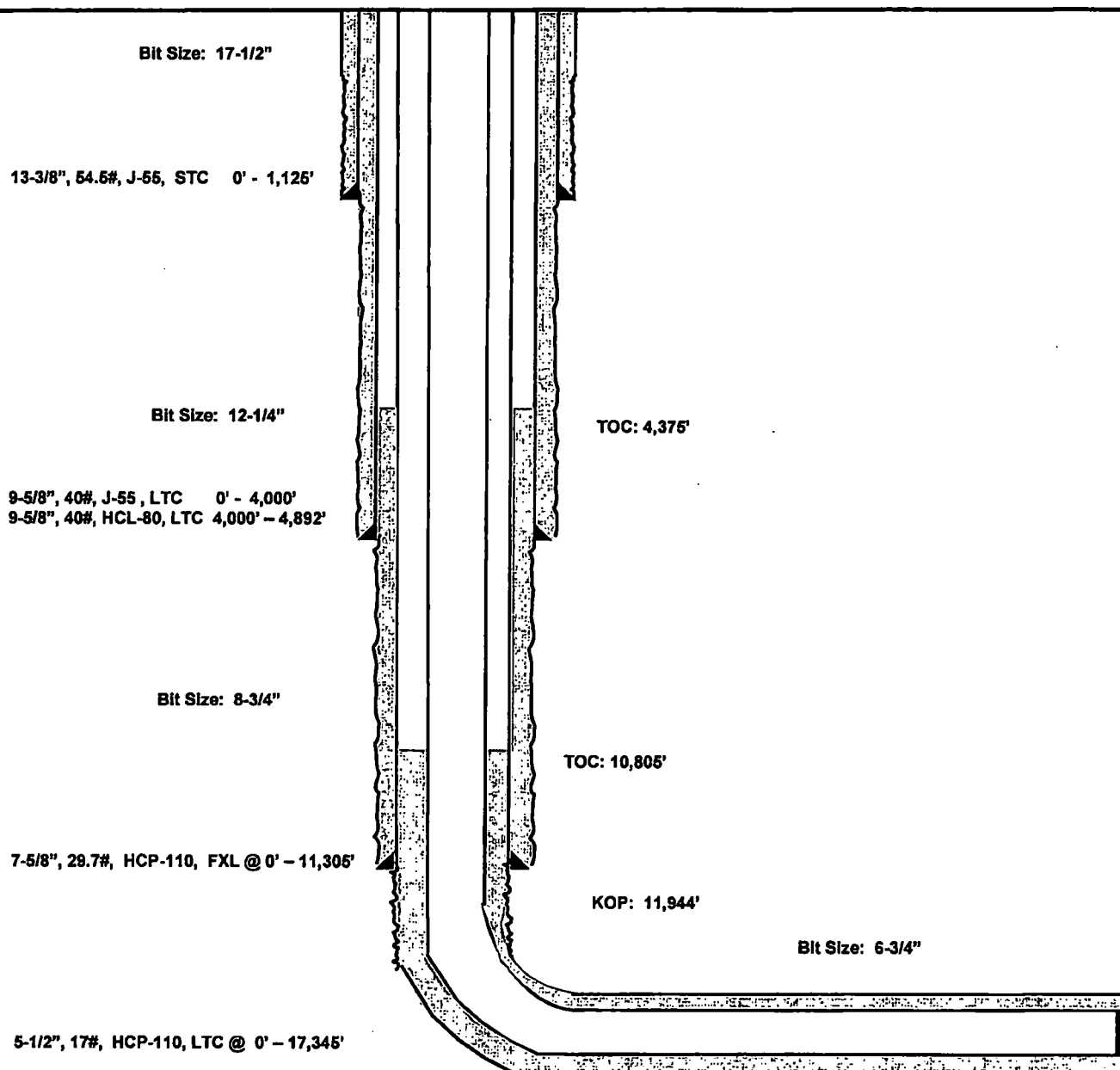
310' FSL  
1,720' FEL  
Section 36  
T-24-S, R-32-E

EOG RESOURCES, INC.  
PYTHON 36 STATE #705H

KB: 3,563'  
GL: 3,538'

Revised Wellbore 4/8/2019  
Design B

API: 30-025-45697



Lateral: 17,345' MD, 12,420' TVD  
BH Location: 100' FNL & 2,180' FEL  
Section 36  
T-24-S, R-32-E

**EOG RESOURCES, INC.**  
**PYTHON 36 STATE #705H**

**Revised Permit Information 4/8/2019:**

Well Name: Python 36 State #705H

**Location:**

SHL: 310' FSL & 1,720' FEL, Section 36, T-24-S, R-32-E, Lea Co., N.M.

BHL: 100' FNL & 2,180' FEL, Section 36, T-24-S, R-32-E, Lea Co., N.M.

**Design A**

**Casing Program:**

| Hole Size | Interval     | Csg OD | Weight | Grade   | Conn | DF <sub>min</sub> Collapse | DF <sub>min</sub> Burst | DF <sub>min</sub> Tension |
|-----------|--------------|--------|--------|---------|------|----------------------------|-------------------------|---------------------------|
| 12.25"    | 0 - 1,125'   | 9.625" | 40#    | J-55    | LTC  | 1.125                      | 1.25                    | 1.60                      |
| 8.75"     | 0' - 11,305' | 7.625" | 29.7#  | HCP-110 | FXL  | 1.125                      | 1.25                    | 1.60                      |
| 6.75"     | 0'-17,345'   | 5.5"   | 17#    | HCP-110 | LTC  | 1.125                      | 1.25                    | 1.60                      |

**Cement Program:**

| Depth   | No. Sacks | Wt. ppg | Yld Ft <sup>3</sup> /sk | Slurry Description                                                                                             |
|---------|-----------|---------|-------------------------|----------------------------------------------------------------------------------------------------------------|
| 1,125'  | 1,000     | 13.5    | 1.73                    | Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl <sub>2</sub> + 0.25 lb/sk Cello-Flake (TOC @ Surface)        |
|         | 100       | 14.8    | 1.34                    | Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate                                       |
| 11,305' | 600       | 14.2    | 1.11                    | 1 <sup>st</sup> Stage (Tail): Class C + 5% Salt + (TOC @ 7,250')                                               |
|         | 1,000     | 12.7    | 2.30                    | 2 <sup>nd</sup> Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface) |
| 17,345' | 600       | 14.2    | 1.31                    | Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,805')                                 |

**Mud Program:**

| Depth                        | Type        | Weight (ppg) | Viscosity | Water Loss |
|------------------------------|-------------|--------------|-----------|------------|
| 0 - 1,125'                   | Fresh - Gel | 8.6-8.8      | 28-34     | N/c        |
| 1,125' - 11,305'             | Brine       | 8.8-10.0     | 28-34     | N/c        |
| 11,305' - 11,944'            | Oil Base    | 10.0-11.5    | 58-68     | 3 - 6      |
| 11,944' - 17,345'<br>Lateral | Oil Base    | 10.0-11.5    | 58-68     | 3 - 6      |

**EOG RESOURCES, INC.  
PYTHON 36 STATE #705H**

**Design B**

**Casing Program:**

| Hole Size | Interval        | Csg OD  | Weight | Grade   | Conn | DF <sub>min</sub> Collapse | DF <sub>min</sub> Burst | DF <sub>min</sub> Tension |
|-----------|-----------------|---------|--------|---------|------|----------------------------|-------------------------|---------------------------|
| 17.5"     | 0 - 1,125'      | 13.375" | 54.5#  | J-55    | STC  | 1.125                      | 1.25                    | 1.60                      |
| 12.25"    | 0-4,000'        | 9.625"  | 40#    | J-55    | LTC  | 1.125                      | 1.25                    | 1.60                      |
| 12.25"    | 4,000' - 4,892' | 9.625"  | 40#    | HCL-80  | LTC  | 1.125                      | 1.25                    | 1.60                      |
| 8.75"     | 0 - 11,305'     | 7.625"  | 29.7#  | HCP-110 | FXL  | 1.125                      | 1.25                    | 1.60                      |
| 6.75"     | 0'-17,345'      | 5.5"    | 17#    | HCP-110 | LTC  | 1.125                      | 1.25                    | 1.60                      |

**Cement Program:**

| Depth   | No. Sacks | Wt. lb/gal | Yld Ft <sup>3</sup> /sk | Slurry Description                                                                                       |
|---------|-----------|------------|-------------------------|----------------------------------------------------------------------------------------------------------|
| 1,125'  | 700       | 13.5       | 1.74                    | Lead: Class 'C' + 4.00% Bentonite + 2.00% CaCl <sub>2</sub> (TOC @ Surface)                              |
|         | 200       | 14.8       | 1.35                    | Tail: Class 'C' + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate + 2.0% KCl (1.06 lb/sk) |
| 4,892'  | 900       | 12.7       | 2.22                    | Lead: Class C + 0.15% C-20 + 11.63 pps Salt + 0.1% C-51 + 0.75% C-41P (TOC @ Surface)                    |
|         | 350       | 14.8       | 1.32                    | Tail: Class C + 0.13% C-20                                                                               |
| 11,305' | 275       | 10.8       | 3.67                    | Lead: Class C + 0.40% D013 + 0.20% D046 + 0.10% D065 + 0.20% D167 (TOC @ 4,375')                         |
|         | 100       | 14.8       | 2.38                    | Tail: Class H + 94.0 pps D909 + 0.25% D065 + 0.30% D167 + 0.02% D208 + 0.15% D800                        |
| 17,345' | 600       | 14.8       | 1.31                    | Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,805')                           |

As a contingency, EOG requests to pump a two stage cement job on the 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon (7,297') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary, a top out consisting of 1,000 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed.

**Mud Program:**

| Depth                        | Type        | Weight (ppg) | Viscosity | Water Loss |
|------------------------------|-------------|--------------|-----------|------------|
| 0 - 1,125'                   | Fresh - Gel | 8.6-8.8      | 28-34     | N/c        |
| 1,125' - 4,892'              | Brine       | 10.0-10.2    | 28-34     | N/c        |
| 4,892' - 11,305'             | Oil Base    | 8.7-9.4      | 58-68     | N/c - 6    |
| 11,305' - 17,345'<br>Lateral | Oil Base    | 10.0-11.5    | 58-68     | 3 - 6      |

**EOG RESOURCES, INC.  
PYTHON 36 STATE #705H**

**Hydrogen Sulfide Plan Summary**

- A. All personnel shall receive proper H<sub>2</sub>S training in accordance with Onshore Order III.C.3.a.
- B. Briefing Area: two perpendicular areas will be designated by signs and readily accessible.
- C. Required Emergency Equipment:
- Well control equipment
    - a. Flare line 150' from wellhead to be ignited by flare gun.
    - b. Choke manifold with a remotely operated choke.
    - c. Mud/gas separator
  - Protective equipment for essential personnel.
    - Breathing apparatus:
      - a. Rescue Packs (SCBA) — 1 unit shall be placed at each breathing area, 2 shall be stored in the safety trailer.
      - b. Work/Escapes packs — 4 packs shall be stored on the rig floor with sufficient air hose not to restrict work activity.
      - c. Emergency Escape Packs — 4 packs shall be stored in the doghouse for emergency evacuation.
    - Auxiliary Rescue Equipment:
      - a. Stretcher
      - b. Two OSHA full body harness
      - c. 100 ft 5/8 inch OSHA approved rope
      - d. 1-20# class ABC fire extinguisher
  - H<sub>2</sub>S detection and monitoring equipment:
    - The stationary detector with three sensors will be placed in the upper dog house if equipped, set to visually alarm @ 10 ppm and audible @ 14 ppm. Calibrate a minimum of every 30 days or as needed. The sensors will be placed in the following places: Rig floor / Bell nipple / End of flow line or where well bore fluid is being discharged.
    - (Gas sample tubes will be stored in the safety trailer)
  - Visual warning systems.
    - a. One color code condition sign will be placed at the entrance to the site reflecting the possible conditions at the site.
    - b. A colored condition flag will be on display, reflecting the current condition at the site at the time.
    - c. Two wind socks will be placed in strategic locations, visible from all angles.

**EOG RESOURCES, INC.**  
**PYTHON 36 STATE #705H**

- **Mud program:**  
The mud program has been designed to minimize the volume of H<sub>2</sub>S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H<sub>2</sub>S bearing zones.
- **Metallurgy:**  
All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H<sub>2</sub>S service.
- **Communication:**  
Communication will be via cell phones and land lines where available.

**EOG RESOURCES, INC.**  
**PYTHON 36 STATE #705H**

**Emergency Assistance Telephone List**

| <b><u>PUBLIC SAFETY:</u></b>    | <b>911 or</b>  |
|---------------------------------|----------------|
| Lea County Sheriff's Department | (575) 396-3611 |
| Rod Coffman                     |                |
| Fire Department:                |                |
| Carlsbad                        | (575) 885-3125 |
| Artesia                         | (575) 746-5050 |
| Hospitals:                      |                |
| Carlsbad                        | (575) 887-4121 |
| Artesia                         | (575) 748-3333 |
| Hobbs                           | (575) 392-1979 |
| Dept. of Public Safety/Carlsbad | (575) 748-9718 |
| Highway Department              | (575) 885-3281 |
| New Mexico Oil Conservation     | (575) 476-3440 |
| U.S. Dept. of Labor             | (575) 887-1174 |

**EOG Resources, Inc.**

|               |                       |
|---------------|-----------------------|
| EOG / Midland | Office (432) 686-3600 |
|---------------|-----------------------|

**Company Drilling Consultants:**

|                 |                     |
|-----------------|---------------------|
| David Dominique | Cell (985) 518-5839 |
| Mike Vann       | Cell (817) 980-5507 |

**Drilling Engineer**

|               |                       |
|---------------|-----------------------|
| Steve Munsell | Office (432) 686-3609 |
|               | Cell (432) 894-1256   |

**Drilling Manager**

|         |                       |
|---------|-----------------------|
| Aj Dach | Office (432) 686-3751 |
|         | Cell (817) 480-1167   |

**Drilling Superintendent**

|               |                       |
|---------------|-----------------------|
| Domingo Lopez | Office (432) 686-3702 |
|               | Cell (432) 215-9452   |

**H&P Drilling**

|                      |                       |
|----------------------|-----------------------|
| H&P Drilling         | Office (432) 563-5757 |
| H&P 651 Drilling Rig | Rig (903) 509-7131    |

**Tool Pusher:**

|                 |                     |
|-----------------|---------------------|
| Johnathan Craig | Cell (817) 760-6374 |
| Brad Garrett    |                     |

**Safety**

|                              |                       |
|------------------------------|-----------------------|
| Brian Chandler (HSE Manager) | Office (432) 686-3695 |
|                              | Cell (817) 239-0251   |





Lea County, NM (NAD 83 NME)

Python 36 State #705H

Plan #0.1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Elevation: GR3 1980  
Zone: New Mexico Eastern Zone  
System Datum: Mean Sea Level

WELL DETAILS: #705H

KB = 25' @ 3583.00ft  
Northing 426475.90 Easting 760394.90  
Latitude 32° 10' 3.821 N Longitude 103° 37' 31.398 W



Azimuths to Grid North  
True North: -4.33°  
Magnetic North: 8.41°  
Magnetic Field  
Strength: 47721.400  
Dip Angle: 68.89°  
Date: 3/21/2019  
Model: KGR2019

To convert a Magnetic Direction to a Grid Direction, Add 8.42°  
To convert a Magnetic Direction to a True Direction, Add 8.70° East  
To convert a True Direction to a Grid Direction, Subtract 0.28°

#### SECTION DETAILS

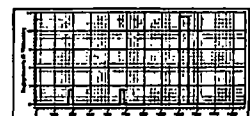
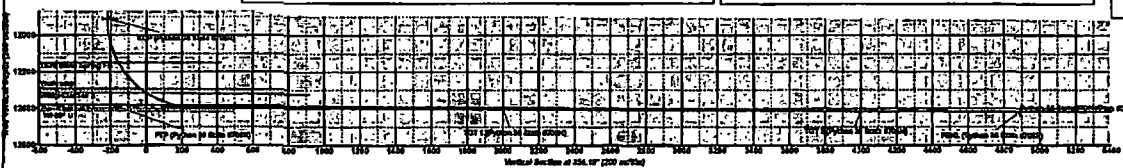
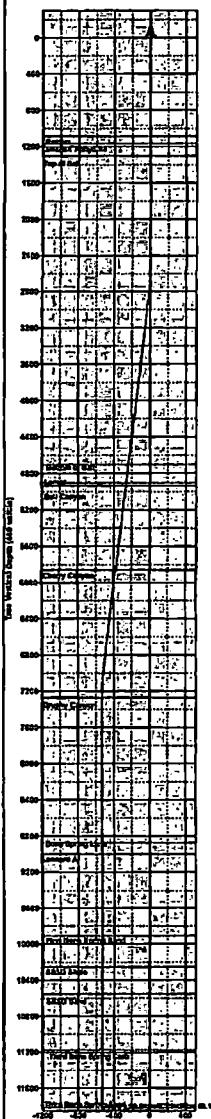
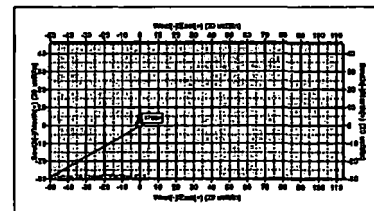
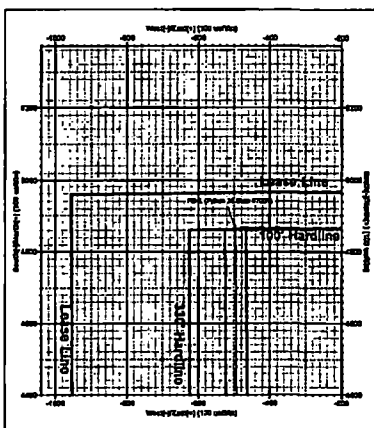
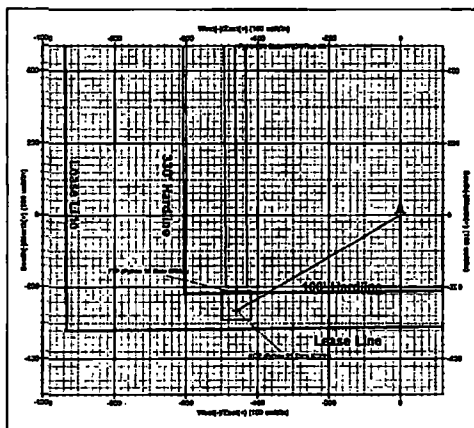
| MD      | Inc   | Azi    | TVD     | +N-S   | +E-W   | Dleg  | TFac   | VSoct  | Target                       |
|---------|-------|--------|---------|--------|--------|-------|--------|--------|------------------------------|
| 0.0     | 0.00  | 0.00   | 0.0     | 0.0    | 0.0    | 0.00  | 0.00   | 0.0    |                              |
| 2605.0  | 0.00  | 0.00   | 2605.0  | 0.0    | 0.0    | 0.00  | 0.00   | 0.0    |                              |
| 2954.8  | 7.00  | 238.95 | 2954.0  | -10.7  | -18.5  | 2.00  | 239.95 | -8.8   |                              |
| 6948.7  | 7.00  | 238.95 | 6918.0  | -254.3 | -439.5 | 0.00  | 0.00   | -208.4 |                              |
| 7298.5  | 0.00  | 0.00   | 7267.0  | -285.0 | -458.0 | 2.00  | 180.00 | -217.2 |                              |
| 11944.0 | 0.00  | 0.00   | 11912.5 | -285.0 | -458.0 | 0.00  | 0.00   | -217.2 | KOP (Python 36 State #705H)  |
| 12890.9 | 89.63 | 359.58 | 12390.0 | 209.4  | -481.6 | 12.00 | 359.58 | 255.1  |                              |
| 17344.7 | 89.63 | 359.58 | 12420.0 | 4883.0 | -495.9 | 0.00  | 0.00   | 4888.2 | PBHL (Python 36 State #705H) |

#### CASING DETAILS

No casing data is available

#### WELLSHORE TARGET DETAILS (MAP CO-ORDINATES)

| Name                         | TVD     | +N-S   | +E-W   | Northing  | Easting   |
|------------------------------|---------|--------|--------|-----------|-----------|
| KOP (Python 36 State #705H)  | 11912.5 | -285.0 | -458.0 | 426475.90 | 760394.90 |
| PTP (Python 36 State #705H)  | 12390.0 | -209.4 | -481.6 | 426475.90 | 760394.90 |
| TOT (Python 36 State #705H)  | 12420.0 | -209.4 | -481.6 | 426475.90 | 760394.90 |
| PBHL (Python 36 State #705H) | 12420.0 | 4883.0 | -495.9 | 426475.90 | 760394.90 |





## **EOG Resources - Midland**

**Lea County, NM (NAD 83 NME)**

**Python 36 State**

**#705H**

**76558**

**OH**

**Plan: Plan #0.1**

## **Standard Planning Report**

**08 April, 2019**



# Planning Report

|           |                             |                              |                       |
|-----------|-----------------------------|------------------------------|-----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well: #705H           |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25' @ 3563.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25' @ 3563.0usft |
| Site:     | Python 36 State             | 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:                 | Python 36 State |                   |                   |
| Site Position:        | Map             | Northing:         | 425,475.00 usft   |
| From:                 |                 | Easting:          | 760,394.00 usft   |
| Position Uncertainty: | 0.0 usft        | Slot Radius:      | 13-3/16"          |
|                       |                 | Latitude:         | 32° 10' 3.821 N   |
|                       |                 | Longitude:        | 103° 37' 31.398 W |
|                       |                 | Grid Convergence: | 0.38°             |

|                      |       |          |                     |                 |               |                   |
|----------------------|-------|----------|---------------------|-----------------|---------------|-------------------|
| Well:                | #705H |          |                     |                 |               |                   |
| Well Position        | +N-S  | 0.0 usft | Northing:           | 425,475.00 usft | Latitude:     | 32° 10' 3.821 N   |
|                      | +E-W  | 0.0 usft | Easting:            | 760,394.00 usft | Longitude:    | 103° 37' 31.398 W |
| Position Uncertainty |       | 0.0 usft | Wellhead Elevation: |                 | Ground Level: | 3,538.0 usft      |

|           |            |             |             |           |                 |
|-----------|------------|-------------|-------------|-----------|-----------------|
| Wellbore  | OH         |             |             |           |                 |
| Magnetics | Model Name | Sample Date | Declination | Dip Angle | Field Strength  |
|           |            |             | (°)         | (°)       | (nT)            |
|           | IGRF2015   | 2/21/2019   | 6.79        | 59.98     | 47,725.38832818 |

|                   |                  |           |               |           |
|-------------------|------------------|-----------|---------------|-----------|
| Design:           | Plan #0.1        |           |               |           |
| Audit Notes:      |                  |           |               |           |
| Version:          | Phase:           | PROTOTYPE | Tie On Depth: | 0.0       |
| Vertical Section: | Depth From (TVD) | +N/S      | +E/W          | Direction |
|                   | (usft)           | (usft)    | (usft)        | (°)       |
|                   | 0.0              | 0.0       | 0.0           | 354.18    |

|                          |                |                         |                     |         |
|--------------------------|----------------|-------------------------|---------------------|---------|
| Plan Survey Tool Program | Date: 4/8/2019 |                         |                     |         |
| Depth From               | Depth To       | Survey (Wellbore)       | Tool Name           | Remarks |
| (usft)                   | (usft)         |                         |                     |         |
| 1                        | 0.0            | 17,344.8 Plan #0.1 (OH) | MWD                 |         |
|                          |                |                         | OWSG 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                       |        |
| 2,605.0       | 0.00        | 0.00    | 2,605.0  | 0.0     | 0.0    | 0.00        | 0.00        | 0.00        | 0.00                       |        |
| 2,854.8       | 7.00        | 239.95  | 2,954.0  | -10.7   | -18.5  | 2.00        | 2.00        | 0.00        | 239.95                     |        |
| 6,948.7       | 7.00        | 239.95  | 6,918.0  | -254.3  | -439.5 | 0.00        | 0.00        | 0.00        | 0.00                       |        |
| 7,298.5       | 0.00        | 0.00    | 7,287.0  | -265.0  | -458.0 | 2.00        | -2.00       | 0.00        | 180.00                     |        |
| 11,944.0      | 0.00        | 0.00    | 11,912.5 | -265.0  | -458.0 | 0.00        | 0.00        | 0.00        | 0.00 KOP (Python 36 State  |        |
| 12,690.9      | 89.63       | 359.58  | 12,390.0 | 209.4   | -461.5 | 12.00       | 12.00       | -0.08       | 359.58                     |        |
| 17,344.7      | 89.63       | 359.58  | 12,420.0 | 4,863.0 | -495.9 | 0.00        | 0.00        | 0.00        | 0.00 PBHL (Python 36 State |        |



# Planning Report

|           |                             |                              |                       |
|-----------|-----------------------------|------------------------------|-----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #705H            |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25' @ 3563.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25' @ 3563.0usft |
| Site:     | Python 36 State             | 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) |
| 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                  |
| 1,083.0               | 0.00            | 0.00        | 1,083.0               | 0.0         | 0.0         | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| Rustler               |                 |             |                       |             |             |                         |                         |                        |                       |
| 1,100.0               | 0.00            | 0.00        | 1,100.0               | 0.0         | 0.0         | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,163.0               | 0.00            | 0.00        | 1,163.0               | 0.0         | 0.0         | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| Tamarisk Anhydrite    |                 |             |                       |             |             |                         |                         |                        |                       |
| 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                  |
| Top of Salt           |                 |             |                       |             |             |                         |                         |                        |                       |
| 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                  |
| 2,605.0               | 0.00            | 0.00        | 2,605.0               | 0.0         | 0.0         | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0               | 1.90            | 239.95      | 2,700.0               | -0.8        | -1.4        | -0.6                    | 2.00                    | 2.00                   | 0.00                  |
| 2,800.0               | 3.90            | 239.95      | 2,799.8               | -3.3        | -5.7        | -2.7                    | 2.00                    | 2.00                   | 0.00                  |
| 2,900.0               | 5.90            | 239.95      | 2,899.5               | -7.6        | -13.1       | -6.2                    | 2.00                    | 2.00                   | 0.00                  |
| 2,954.8               | 7.00            | 239.95      | 2,954.0               | -10.7       | -18.5       | -8.8                    | 2.00                    | 2.00                   | 0.00                  |
| 3,000.0               | 7.00            | 239.95      | 2,998.8               | -13.4       | -23.2       | -11.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0               | 7.00            | 239.95      | 3,098.1               | -18.5       | -33.8       | -16.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0               | 7.00            | 239.95      | 3,197.3               | -25.6       | -44.3       | -21.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0               | 7.00            | 239.95      | 3,296.6               | -31.7       | -54.9       | -26.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0               | 7.00            | 239.95      | 3,395.8               | -37.8       | -65.4       | -31.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0               | 7.00            | 239.95      | 3,495.1               | -43.9       | -75.9       | -36.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0               | 7.00            | 239.95      | 3,594.3               | -50.0       | -86.5       | -41.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0               | 7.00            | 239.95      | 3,693.6               | -56.1       | -97.0       | -46.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0               | 7.00            | 239.95      | 3,792.8               | -62.2       | -107.6      | -51.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0               | 7.00            | 239.95      | 3,892.1               | -68.3       | -118.1      | -56.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0               | 7.00            | 239.95      | 3,991.3               | -74.4       | -128.7      | -61.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0               | 7.00            | 239.95      | 4,090.6               | -80.5       | -139.2      | -66.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0               | 7.00            | 239.95      | 4,189.9               | -86.6       | -149.7      | -71.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0               | 7.00            | 239.95      | 4,289.1               | -92.7       | -160.3      | -76.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0               | 7.00            | 239.95      | 4,388.4               | -98.8       | -170.8      | -81.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 7.00            | 239.95      | 4,487.6               | -104.9      | -181.4      | -86.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 7.00            | 239.95      | 4,586.8               | -111.0      | -191.9      | -91.0                   | 0.00                    | 0.00                   | 0.00                  |



# Planning Report

|           |                             |                              |                       |
|-----------|-----------------------------|------------------------------|-----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #705H            |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25' @ 3563.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25' @ 3563.0usft |
| Site:     | Python 38 State             | 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) |
| 4,700.0               | 7.00            | 239.95      | 4,688.1               | -117.1     | -202.5     | -96.0                   | 0.00                    | 0.00                   | 0.00                  |
| 4,715.0               | 7.00            | 239.95      | 4,701.0               | -118.1     | -204.0     | -96.7                   | 0.00                    | 0.00                   | 0.00                  |
| Bottom of Salt        |                 |             |                       |            |            |                         |                         |                        |                       |
| 4,800.0               | 7.00            | 239.95      | 4,785.4               | -123.2     | -213.0     | -101.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0               | 7.00            | 239.95      | 4,884.6               | -129.3     | -223.5     | -106.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,919.5               | 7.00            | 239.95      | 4,904.0               | -130.5     | -225.6     | -107.0                  | 0.00                    | 0.00                   | 0.00                  |
| Lamar                 |                 |             |                       |            |            |                         |                         |                        |                       |
| 4,944.7               | 7.00            | 239.95      | 4,929.0               | -132.1     | -228.3     | -108.2                  | 0.00                    | 0.00                   | 0.00                  |
| Bell Canyon           |                 |             |                       |            |            |                         |                         |                        |                       |
| 5,000.0               | 7.00            | 239.95      | 4,983.9               | -135.4     | -234.1     | -111.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0               | 7.00            | 239.95      | 5,083.2               | -141.5     | -244.6     | -116.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0               | 7.00            | 239.95      | 5,182.4               | -147.6     | -255.2     | -121.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,300.0               | 7.00            | 239.95      | 5,281.7               | -153.7     | -265.7     | -126.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,400.0               | 7.00            | 239.95      | 5,380.9               | -159.8     | -276.3     | -131.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,500.0               | 7.00            | 239.95      | 5,480.2               | -165.9     | -286.8     | -136.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,600.0               | 7.00            | 239.95      | 5,579.4               | -172.0     | -297.3     | -141.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,700.0               | 7.00            | 239.95      | 5,678.7               | -178.1     | -307.9     | -146.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,800.0               | 7.00            | 239.95      | 5,777.9               | -184.2     | -318.4     | -151.0                  | 0.00                    | 0.00                   | 0.00                  |
| 5,878.6               | 7.00            | 239.95      | 5,856.0               | -189.0     | -326.7     | -154.9                  | 0.00                    | 0.00                   | 0.00                  |
| Cherry Canyon         |                 |             |                       |            |            |                         |                         |                        |                       |
| 5,900.0               | 7.00            | 239.95      | 5,877.2               | -190.3     | -329.0     | -156.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,000.0               | 7.00            | 239.95      | 5,976.5               | -196.4     | -339.5     | -161.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,100.0               | 7.00            | 239.95      | 6,075.7               | -202.5     | -350.1     | -166.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,200.0               | 7.00            | 239.95      | 6,175.0               | -208.6     | -360.6     | -171.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,300.0               | 7.00            | 239.95      | 6,274.2               | -214.7     | -371.1     | -176.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,400.0               | 7.00            | 239.95      | 6,373.5               | -220.8     | -381.7     | -181.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,500.0               | 7.00            | 239.95      | 6,472.7               | -226.9     | -392.2     | -186.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,600.0               | 7.00            | 239.95      | 6,572.0               | -233.0     | -402.8     | -191.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,700.0               | 7.00            | 239.95      | 6,671.2               | -239.1     | -413.3     | -196.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,800.0               | 7.00            | 239.95      | 6,770.5               | -245.2     | -423.8     | -201.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,900.0               | 7.00            | 239.95      | 6,869.8               | -251.3     | -434.4     | -206.0                  | 0.00                    | 0.00                   | 0.00                  |
| 6,948.7               | 7.00            | 239.95      | 6,918.0               | -254.3     | -439.5     | -208.4                  | 0.00                    | 0.00                   | 0.00                  |
| 7,000.0               | 5.97            | 239.95      | 6,969.1               | -257.2     | -444.8     | -210.8                  | 2.00                    | -2.00                  | 0.00                  |
| 7,100.0               | 3.97            | 239.95      | 7,068.7               | -261.6     | -452.1     | -214.3                  | 2.00                    | -2.00                  | 0.00                  |
| 7,200.0               | 1.97            | 239.95      | 7,168.5               | -264.2     | -456.5     | -216.5                  | 2.00                    | -2.00                  | 0.00                  |
| 7,298.5               | 0.00            | 0.00        | 7,267.0               | -265.0     | -458.0     | -217.2                  | 2.00                    | -2.00                  | 0.00                  |
| Brushy Canyon         |                 |             |                       |            |            |                         |                         |                        |                       |
| 7,300.0               | 0.00            | 0.00        | 7,268.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,400.0               | 0.00            | 0.00        | 7,368.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,500.0               | 0.00            | 0.00        | 7,468.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,600.0               | 0.00            | 0.00        | 7,568.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,700.0               | 0.00            | 0.00        | 7,668.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,800.0               | 0.00            | 0.00        | 7,768.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 7,900.0               | 0.00            | 0.00        | 7,868.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,000.0               | 0.00            | 0.00        | 7,968.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,100.0               | 0.00            | 0.00        | 8,068.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,200.0               | 0.00            | 0.00        | 8,168.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,300.0               | 0.00            | 0.00        | 8,268.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,400.0               | 0.00            | 0.00        | 8,368.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,500.0               | 0.00            | 0.00        | 8,468.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,600.0               | 0.00            | 0.00        | 8,568.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,700.0               | 0.00            | 0.00        | 8,668.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,800.0               | 0.00            | 0.00        | 8,768.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 8,900.0               | 0.00            | 0.00        | 8,868.5               | -265.0     | -458.0     | -217.2                  | 0.00                    | 0.00                   | 0.00                  |

|           |                             |                              |                       |
|-----------|-----------------------------|------------------------------|-----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #705H            |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25' @ 3583.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25' @ 3583.0usft |
| Site:     | Python 36 State             | 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) |
| 8,904.5                | 0.00            | 0.00        | 8,873.0               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| Bone Spring Lime       |                 |             |                       |             |             |                         |                         |                        |                       |
| 9,000.0                | 0.00            | 0.00        | 8,988.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,027.5                | 0.00            | 0.00        | 8,996.0               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| Leonard A              |                 |             |                       |             |             |                         |                         |                        |                       |
| 9,100.0                | 0.00            | 0.00        | 9,088.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,200.0                | 0.00            | 0.00        | 9,188.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,300.0                | 0.00            | 0.00        | 9,288.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,400.0                | 0.00            | 0.00        | 9,388.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,500.0                | 0.00            | 0.00        | 9,488.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,600.0                | 0.00            | 0.00        | 9,588.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,700.0                | 0.00            | 0.00        | 9,688.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,800.0                | 0.00            | 0.00        | 9,788.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,900.0                | 0.00            | 0.00        | 9,888.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 9,935.5                | 0.00            | 0.00        | 9,904.0               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| First Bone Spring Sand |                 |             |                       |             |             |                         |                         |                        |                       |
| 10,000.0               | 0.00            | 0.00        | 9,988.5               | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,100.0               | 0.00            | 0.00        | 10,088.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,200.0               | 0.00            | 0.00        | 10,188.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,283.5               | 0.00            | 0.00        | 10,252.0              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| SBSG Shale             |                 |             |                       |             |             |                         |                         |                        |                       |
| 10,300.0               | 0.00            | 0.00        | 10,288.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,400.0               | 0.00            | 0.00        | 10,388.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,500.0               | 0.00            | 0.00        | 10,488.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,586.5               | 0.00            | 0.00        | 10,555.0              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| SBSG Sand              |                 |             |                       |             |             |                         |                         |                        |                       |
| 10,600.0               | 0.00            | 0.00        | 10,588.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0               | 0.00            | 0.00        | 10,688.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0               | 0.00            | 0.00        | 10,788.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0               | 0.00            | 0.00        | 10,888.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0               | 0.00            | 0.00        | 10,988.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0               | 0.00            | 0.00        | 11,088.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0               | 0.00            | 0.00        | 11,188.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,210.5               | 0.00            | 0.00        | 11,179.0              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| Third Bone Spring Carb |                 |             |                       |             |             |                         |                         |                        |                       |
| 11,300.0               | 0.00            | 0.00        | 11,288.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0               | 0.00            | 0.00        | 11,388.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0               | 0.00            | 0.00        | 11,488.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0               | 0.00            | 0.00        | 11,588.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0               | 0.00            | 0.00        | 11,688.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0               | 0.00            | 0.00        | 11,788.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,852.5               | 0.00            | 0.00        | 11,821.0              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| Third Bone Spring Sand |                 |             |                       |             |             |                         |                         |                        |                       |
| 11,900.0               | 0.00            | 0.00        | 11,888.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,944.0               | 0.00            | 0.00        | 11,912.5              | -265.0      | -458.0      | -217.2                  | 0.00                    | 0.00                   | 0.00                  |
| 11,950.0               | 0.72            | 359.58      | 11,918.5              | -265.0      | -458.0      | -217.1                  | 12.00                   | 12.00                  | 0.00                  |
| 11,975.0               | 3.72            | 359.58      | 11,943.5              | -264.0      | -458.0      | -218.2                  | 12.00                   | 12.00                  | 0.00                  |
| 12,000.0               | 6.72            | 359.58      | 11,968.4              | -261.7      | -458.0      | -213.9                  | 12.00                   | 12.00                  | 0.00                  |
| 12,025.0               | 9.72            | 359.58      | 11,993.1              | -258.1      | -458.1      | -210.3                  | 12.00                   | 12.00                  | 0.00                  |
| 12,050.0               | 12.72           | 359.58      | 12,017.7              | -253.3      | -458.1      | -205.5                  | 12.00                   | 12.00                  | 0.00                  |
| 12,075.0               | 15.72           | 359.58      | 12,041.9              | -247.1      | -458.1      | -199.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,100.0               | 18.72           | 359.58      | 12,065.8              | -239.7      | -458.2      | -192.0                  | 12.00                   | 12.00                  | 0.00                  |
| 12,125.0               | 21.72           | 359.58      | 12,089.2              | -231.1      | -458.3      | -183.4                  | 12.00                   | 12.00                  | 0.00                  |

|           |                             |                              |                       |
|-----------|-----------------------------|------------------------------|-----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #705H            |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25' @ 3583.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25' @ 3583.0usft |
| Site:     | Python 36 State             | 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) |
| 12,150.0              | 24.72           | 359.58      | 12,112.2              | -221.2      | -458.3      | -173.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,175.0              | 27.72           | 359.58      | 12,134.6              | -210.2      | -458.4      | -162.6                  | 12.00                   | 12.00                  | 0.00                  |
| 12,191.4              | 29.69           | 359.58      | 12,149.0              | -202.3      | -458.5      | -154.8                  | 12.00                   | 12.00                  | 0.00                  |
| Third Bone Spring FS  |                 |             |                       |             |             |                         |                         |                        |                       |
| 12,200.0              | 30.72           | 359.58      | 12,156.4              | -198.0      | -458.5      | -150.5                  | 12.00                   | 12.00                  | 0.00                  |
| 12,225.0              | 33.72           | 359.58      | 12,177.6              | -184.7      | -458.6      | -137.2                  | 12.00                   | 12.00                  | 0.00                  |
| 12,250.0              | 36.72           | 359.58      | 12,198.0              | -170.2      | -458.7      | -122.8                  | 12.00                   | 12.00                  | 0.00                  |
| 12,275.0              | 39.72           | 359.58      | 12,217.6              | -154.8      | -458.8      | -107.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,300.0              | 42.72           | 359.58      | 12,236.4              | -138.3      | -458.9      | -91.0                   | 12.00                   | 12.00                  | 0.00                  |
| 12,325.0              | 45.72           | 359.58      | 12,254.4              | -120.9      | -459.1      | -73.7                   | 12.00                   | 12.00                  | 0.00                  |
| 12,350.0              | 48.72           | 359.58      | 12,271.3              | -102.5      | -459.2      | -55.4                   | 12.00                   | 12.00                  | 0.00                  |
| 12,375.0              | 51.72           | 359.58      | 12,287.3              | -83.3       | -459.3      | -36.3                   | 12.00                   | 12.00                  | 0.00                  |
| 12,380.1              | 52.34           | 359.58      | 12,290.5              | -79.3       | -459.4      | -32.2                   | 12.00                   | 12.00                  | 0.00                  |
| Wolfcamp              |                 |             |                       |             |             |                         |                         |                        |                       |
| 12,400.0              | 54.72           | 359.58      | 12,302.3              | -63.3       | -459.5      | -16.4                   | 12.00                   | 12.00                  | 0.00                  |
| 12,422.3              | 57.39           | 359.58      | 12,314.7              | -44.8       | -459.6      | 2.0                     | 12.00                   | 12.00                  | 0.00                  |
| Wfmp Clastica'X       |                 |             |                       |             |             |                         |                         |                        |                       |
| 12,425.0              | 57.72           | 359.58      | 12,316.2              | -42.5       | -459.6      | 4.3                     | 12.00                   | 12.00                  | 0.00                  |
| 12,450.0              | 60.72           | 359.58      | 12,329.0              | -21.0       | -459.8      | 25.7                    | 12.00                   | 12.00                  | 0.00                  |
| 12,475.0              | 63.72           | 359.58      | 12,340.6              | 1.1         | -460.0      | 47.7                    | 12.00                   | 12.00                  | 0.00                  |
| 12,500.0              | 66.72           | 359.58      | 12,351.1              | 23.8        | -460.1      | 70.3                    | 12.00                   | 12.00                  | 0.00                  |
| 12,525.0              | 69.72           | 359.58      | 12,360.4              | 47.0        | -460.3      | 93.4                    | 12.00                   | 12.00                  | 0.00                  |
| 12,550.0              | 72.72           | 359.58      | 12,368.4              | 70.7        | -460.5      | 117.0                   | 12.00                   | 12.00                  | 0.00                  |
| 12,575.0              | 75.72           | 359.58      | 12,375.2              | 94.7        | -460.7      | 141.0                   | 12.00                   | 12.00                  | 0.00                  |
| 12,590.1              | 77.53           | 359.58      | 12,378.7              | 109.4       | -460.8      | 155.6                   | 12.00                   | 12.00                  | 0.00                  |
| Wfmp Clastica'Y       |                 |             |                       |             |             |                         |                         |                        |                       |
| 12,600.0              | 78.72           | 359.58      | 12,380.7              | 119.1       | -460.8      | 165.2                   | 12.00                   | 12.00                  | 0.00                  |
| 12,617.7              | 80.84           | 359.58      | 12,383.9              | 136.5       | -461.0      | 182.5                   | 12.00                   | 12.00                  | 0.00                  |
| Wolfcamp Y TOW        |                 |             |                       |             |             |                         |                         |                        |                       |
| 12,625.0              | 81.72           | 359.58      | 12,385.0              | 143.7       | -461.0      | 189.7                   | 12.00                   | 12.00                  | 0.00                  |
| 12,650.0              | 84.72           | 359.58      | 12,387.9              | 168.5       | -461.2      | 214.5                   | 12.00                   | 12.00                  | 0.00                  |
| 12,675.0              | 87.72           | 359.58      | 12,388.6              | 193.5       | -461.4      | 239.3                   | 12.00                   | 12.00                  | 0.00                  |
| 12,690.9              | 89.63           | 359.58      | 12,390.0              | 209.4       | -461.5      | 255.1                   | 12.00                   | 12.00                  | 0.00                  |
| 12,700.0              | 89.63           | 359.58      | 12,390.0              | 218.5       | -461.6      | 264.2                   | 0.00                    | 0.00                   | 0.00                  |
| 12,800.0              | 89.63           | 359.58      | 12,390.7              | 318.5       | -462.3      | 383.7                   | 0.00                    | 0.00                   | 0.00                  |
| 12,900.0              | 89.63           | 359.58      | 12,391.3              | 418.5       | -463.1      | 463.3                   | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 89.63           | 359.58      | 12,392.0              | 518.5       | -463.8      | 562.8                   | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 89.63           | 359.58      | 12,392.8              | 618.5       | -464.5      | 682.4                   | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 89.63           | 359.58      | 12,393.2              | 718.5       | -465.3      | 781.9                   | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 89.63           | 359.58      | 12,393.9              | 818.4       | -466.0      | 881.5                   | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 89.63           | 359.58      | 12,394.5              | 918.4       | -466.7      | 961.1                   | 0.00                    | 0.00                   | 0.00                  |
| 13,500.0              | 89.63           | 359.58      | 12,395.2              | 1,018.4     | -467.5      | 1,060.6                 | 0.00                    | 0.00                   | 0.00                  |
| 13,600.0              | 89.63           | 359.58      | 12,395.8              | 1,118.4     | -468.2      | 1,160.2                 | 0.00                    | 0.00                   | 0.00                  |
| 13,700.0              | 89.63           | 359.58      | 12,396.5              | 1,218.4     | -469.0      | 1,259.7                 | 0.00                    | 0.00                   | 0.00                  |
| 13,800.0              | 89.63           | 359.58      | 12,397.1              | 1,318.4     | -469.7      | 1,359.3                 | 0.00                    | 0.00                   | 0.00                  |
| 13,900.0              | 89.63           | 359.58      | 12,397.8              | 1,418.4     | -470.4      | 1,458.8                 | 0.00                    | 0.00                   | 0.00                  |
| 14,000.0              | 89.63           | 359.58      | 12,398.4              | 1,518.4     | -471.2      | 1,558.4                 | 0.00                    | 0.00                   | 0.00                  |
| 14,100.0              | 89.63           | 359.58      | 12,399.1              | 1,618.4     | -471.9      | 1,657.9                 | 0.00                    | 0.00                   | 0.00                  |
| 14,200.0              | 89.63           | 359.58      | 12,399.7              | 1,718.4     | -472.7      | 1,757.5                 | 0.00                    | 0.00                   | 0.00                  |
| 14,300.0              | 89.63           | 359.58      | 12,400.3              | 1,818.4     | -473.4      | 1,857.0                 | 0.00                    | 0.00                   | 0.00                  |
| 14,400.0              | 89.63           | 359.58      | 12,401.0              | 1,918.4     | -474.1      | 1,956.6                 | 0.00                    | 0.00                   | 0.00                  |
| 14,500.0              | 89.63           | 359.58      | 12,401.8              | 2,018.4     | -474.9      | 2,056.2                 | 0.00                    | 0.00                   | 0.00                  |
| 14,600.0              | 89.63           | 359.58      | 12,402.3              | 2,118.4     | -475.6      | 2,155.7                 | 0.00                    | 0.00                   | 0.00                  |
| 14,700.0              | 89.63           | 359.58      | 12,402.9              | 2,218.4     | -476.4      | 2,255.3                 | 0.00                    | 0.00                   | 0.00                  |

|           |                             |                              |                       |
|-----------|-----------------------------|------------------------------|-----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #705H            |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25' @ 3563.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25' @ 3563.0usft |
| Site:     | Python 36 State             | 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) |  |
| 14,800.0              | 89.63           | 359.58      | 12,403.6              | 2,318.4     | -477.1      | 2,354.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,900.0              | 89.63           | 359.58      | 12,404.2              | 2,418.4     | -477.8      | 2,454.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,000.0              | 89.63           | 359.58      | 12,404.9              | 2,518.4     | -478.6      | 2,553.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,100.0              | 89.63           | 359.58      | 12,405.5              | 2,618.4     | -479.3      | 2,653.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,200.0              | 89.63           | 359.58      | 12,406.2              | 2,718.4     | -480.0      | 2,753.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,300.0              | 89.63           | 359.58      | 12,406.8              | 2,818.3     | -480.8      | 2,852.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,400.0              | 89.63           | 359.58      | 12,407.4              | 2,918.3     | -481.5      | 2,952.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,500.0              | 89.63           | 359.58      | 12,408.1              | 3,018.3     | -482.3      | 3,051.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,600.0              | 89.63           | 359.58      | 12,408.7              | 3,118.3     | -483.0      | 3,151.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,700.0              | 89.63           | 359.58      | 12,409.4              | 3,218.3     | -483.7      | 3,250.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,800.0              | 89.63           | 359.58      | 12,410.0              | 3,318.3     | -484.5      | 3,350.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,900.0              | 89.63           | 359.58      | 12,410.7              | 3,418.3     | -485.2      | 3,449.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,000.0              | 89.63           | 359.58      | 12,411.3              | 3,518.3     | -486.0      | 3,549.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,100.0              | 89.63           | 359.58      | 12,412.0              | 3,618.3     | -486.7      | 3,649.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,200.0              | 89.63           | 359.58      | 12,412.6              | 3,718.3     | -487.4      | 3,748.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,300.0              | 89.63           | 359.58      | 12,413.3              | 3,818.3     | -488.2      | 3,848.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,400.0              | 89.63           | 359.58      | 12,413.9              | 3,918.3     | -488.9      | 3,947.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,500.0              | 89.63           | 359.58      | 12,414.5              | 4,018.3     | -489.7      | 4,047.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,600.0              | 89.63           | 359.58      | 12,415.2              | 4,118.3     | -490.4      | 4,146.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,700.0              | 89.63           | 359.58      | 12,415.8              | 4,218.3     | -491.1      | 4,246.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,800.0              | 89.63           | 359.58      | 12,416.5              | 4,318.3     | -491.9      | 4,345.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,900.0              | 89.63           | 359.58      | 12,417.1              | 4,418.3     | -492.6      | 4,445.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,000.0              | 89.63           | 359.58      | 12,417.8              | 4,518.3     | -493.4      | 4,545.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,100.0              | 89.63           | 359.58      | 12,418.4              | 4,618.3     | -494.1      | 4,644.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,200.0              | 89.63           | 359.58      | 12,418.1              | 4,718.3     | -494.8      | 4,744.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,300.0              | 89.63           | 359.58      | 12,418.7              | 4,818.3     | -495.6      | 4,843.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,344.7              | 89.63           | 359.58      | 12,420.0              | 4,863.0     | -495.9      | 4,888.2                 | 0.00                    | 0.00                   | 0.00                  |  |

| Design Targets                                                                               |               |              |            |             |             |                 |                |                  |                   |
|----------------------------------------------------------------------------------------------|---------------|--------------|------------|-------------|-------------|-----------------|----------------|------------------|-------------------|
| Target Name                                                                                  | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/S (usft) | +E/W (usft) | Northing (usft) | Easting (usft) | Latitude         | Longitude         |
| hit/miss target                                                                              |               |              |            |             |             |                 |                |                  |                   |
| Shape                                                                                        |               |              |            |             |             |                 |                |                  |                   |
| KOP (Python 36 State #                                                                       | 0.00          | 359.58       | 11,912.5   | -265.0      | -458.0      | 425,210.00      | 759,936.00     | 32° 10' 1.229 N  | 103° 37' 36.746 W |
| - plan hits target center                                                                    |               |              |            |             |             |                 |                |                  |                   |
| - Rectangle (sides W80.0 H80.0 D0.0)                                                         |               |              |            |             |             |                 |                |                  |                   |
| FTP (Python 36 State #7                                                                      | 0.00          | 0.00         | 12,390.0   | -215.0      | -458.0      | 425,260.00      | 759,936.00     | 32° 10' 1.723 N  | 103° 37' 36.743 W |
| - plan misses target center by 163.5usft at 12348.0usft MD (12270.0 TVD, -104.0 N, -459.2 E) |               |              |            |             |             |                 |                |                  |                   |
| - Point                                                                                      |               |              |            |             |             |                 |                |                  |                   |
| TGT 1 (Python 36 State                                                                       | 0.00          | 0.00         | 12,396.0   | 1,962.0     | -474.5      | 427,437.00      | 759,919.49     | 32° 10' 23.267 N | 103° 37' 36.768 W |
| - plan misses target center by 5.3usft at 14443.6usft MD (12401.3 TVD, 1962.0 N, -474.5 E)   |               |              |            |             |             |                 |                |                  |                   |
| - Point                                                                                      |               |              |            |             |             |                 |                |                  |                   |
| TGT 2 (Python 36 State                                                                       | 0.00          | 0.00         | 12,415.0   | 3,970.8     | -489.4      | 429,445.60      | 759,904.61     | 32° 10' 43.146 N | 103° 37' 36.788 W |
| - plan misses target center by 0.8usft at 16452.5usft MD (12414.2 TVD, 3970.8 N, -489.3 E)   |               |              |            |             |             |                 |                |                  |                   |
| - Point                                                                                      |               |              |            |             |             |                 |                |                  |                   |
| PBHL (Python 36 State 1                                                                      | 90.37         | 359.58       | 12,420.0   | 4,863.0     | -485.9      | 430,338.00      | 759,898.10     | 32° 10' 51.975 N | 103° 37' 36.798 W |
| - plan hits target center                                                                    |               |              |            |             |             |                 |                |                  |                   |
| - Rectangle (sides W80.0 H0.0 D5,063.0)                                                      |               |              |            |             |             |                 |                |                  |                   |





# Planning Report

|           |                             |                              |                       |
|-----------|-----------------------------|------------------------------|-----------------------|
| Database: | EDM 5000.14                 | Local Co-ordinate Reference: | Well #705H            |
| Company:  | EOG Resources - Midland     | TVD Reference:               | KB = 25' @ 3563.0usft |
| Project:  | Lea County, NM (NAD 83 NME) | MD Reference:                | KB = 25' @ 3563.0usft |
| Site:     | Python 38 State             | North Reference:             | Grid                  |
| Well:     | #705H                       | Survey Calculation Method:   | Minimum Curvature     |
| Wellbore: | OH                          |                              |                       |
| Design:   | Plan #0.1                   |                              |                       |

| Formations            |                       |                        |           |         |               |  |
|-----------------------|-----------------------|------------------------|-----------|---------|---------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name                   | Lithology | Dip (°) | Direction (°) |  |
| 1,083.0               | 1,083.0               | Rustler                |           |         |               |  |
| 1,163.0               | 1,163.0               | Tamarisk Anhydrite     |           |         |               |  |
| 1,300.0               | 1,300.0               | Top of Salt            |           |         |               |  |
| 4,715.0               | 4,701.0               | Bottom of Salt         |           |         |               |  |
| 4,819.5               | 4,904.0               | Lamar                  |           |         |               |  |
| 4,944.7               | 4,929.0               | Bell Canyon            |           |         |               |  |
| 5,878.8               | 5,856.0               | Cherry Canyon          |           |         |               |  |
| 7,298.5               | 7,267.0               | Brushy Canyon          |           |         |               |  |
| 8,904.5               | 8,873.0               | Bone Spring Lime       |           |         |               |  |
| 9,027.5               | 8,998.0               | Leonard A              |           |         |               |  |
| 9,935.5               | 9,904.0               | First Bone Spring Sand |           |         |               |  |
| 10,283.5              | 10,252.0              | SBSG Shale             |           |         |               |  |
| 10,586.5              | 10,555.0              | SBSG Sand              |           |         |               |  |
| 11,210.5              | 11,179.0              | Third Bone Spring Carb |           |         |               |  |
| 11,852.5              | 11,821.0              | Third Bone Spring Sand |           |         |               |  |
| 12,181.4              | 12,149.0              | Third Bone Spring FS   |           |         |               |  |
| 12,380.1              | 12,290.5              | Wolfcamp               |           | 0.37    |               |  |
| 12,422.3              | 12,314.7              | Wfmp Clastics X        |           | 0.37    |               |  |
| 12,580.1              | 12,378.7              | Wfmp Clastics Y        |           | 0.37    |               |  |
| 12,617.7              | 12,383.9              | Wolfcamp Y TOW         |           | 0.37    |               |  |