

Submit a 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

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-025-49597                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>331808                                                              |
| 7. Lease Name or Unit Agreement Name<br>Honey Buzzard 35 South State Com                            |
| 8. Well Number 703H                                                                                 |
| 9. OGRID Number 7377                                                                                |
| 10. Pool name or Wildcat<br>98116 WC:025 G-09 S253402N;Wolfcamp                                     |

|                                                                                                                                                                                                                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p><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.)</p>  |  |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>                                                                                         |  |
| 2. Name of Operator<br>EOG Resources, Inc.                                                                                                                                                                             |  |
| 3. Address of Operator<br>P.O. Box 2267, Midland, Texas 79702                                                                                                                                                          |  |
| 4. Well Location<br>Unit Letter <u>L</u> : <u>2304</u> feet from the <u>South</u> line and <u>1225</u> feet from the <u>West</u> line<br>Section <u>35</u> <u>24S</u> Township <u>34E</u> Range <u>NMNM</u> Lea County |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3401' GR                                                                                                                                                         |  |

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

|                                                |                                                  |                                                  |                                          |
|------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------------------------------------------|
| <p><b>NOTICE OF INTENTION TO:</b></p>          |                                                  | <p><b>SUBSEQUENT REPORT OF:</b></p>              |                                          |
| 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"/>    |                                                  |                                                  |                                          |
| OTHER: <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 the following changes:

Change SHL to T-24-S, R-34-E, Sec 35, 2304' FSL, 1225' FWL, Lea Co., N.M.

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 Star L Harrell TITLE Sr Regulatory Specialist DATE 12/2/2021

Type or print name Star Harrell E-mail address: star\_harrell@eogresources.com PHONE: 432-848-9161

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of Approval (if any): \_\_\_\_\_

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                                       |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025-49597</b> | <sup>2</sup> Pool Code<br><b>98116</b>                                | <sup>3</sup> Pool Name<br><b>WC-025 G-09 S253402N; Wolfcamp</b> |
| <sup>4</sup> Property Code<br><b>331808</b>    | <sup>5</sup> Property Name<br><b>HONEY BUZZARD 35 SOUTH STATE COM</b> | <sup>6</sup> Well Number<br><b>703H</b>                         |
| <sup>7</sup> OGRID No.<br><b>7377</b>          | <sup>8</sup> Operator Name<br><b>EOG RESOURCES, INC.</b>              | <sup>9</sup> Elevation<br><b>3401'</b>                          |

<sup>10</sup>Surface Location

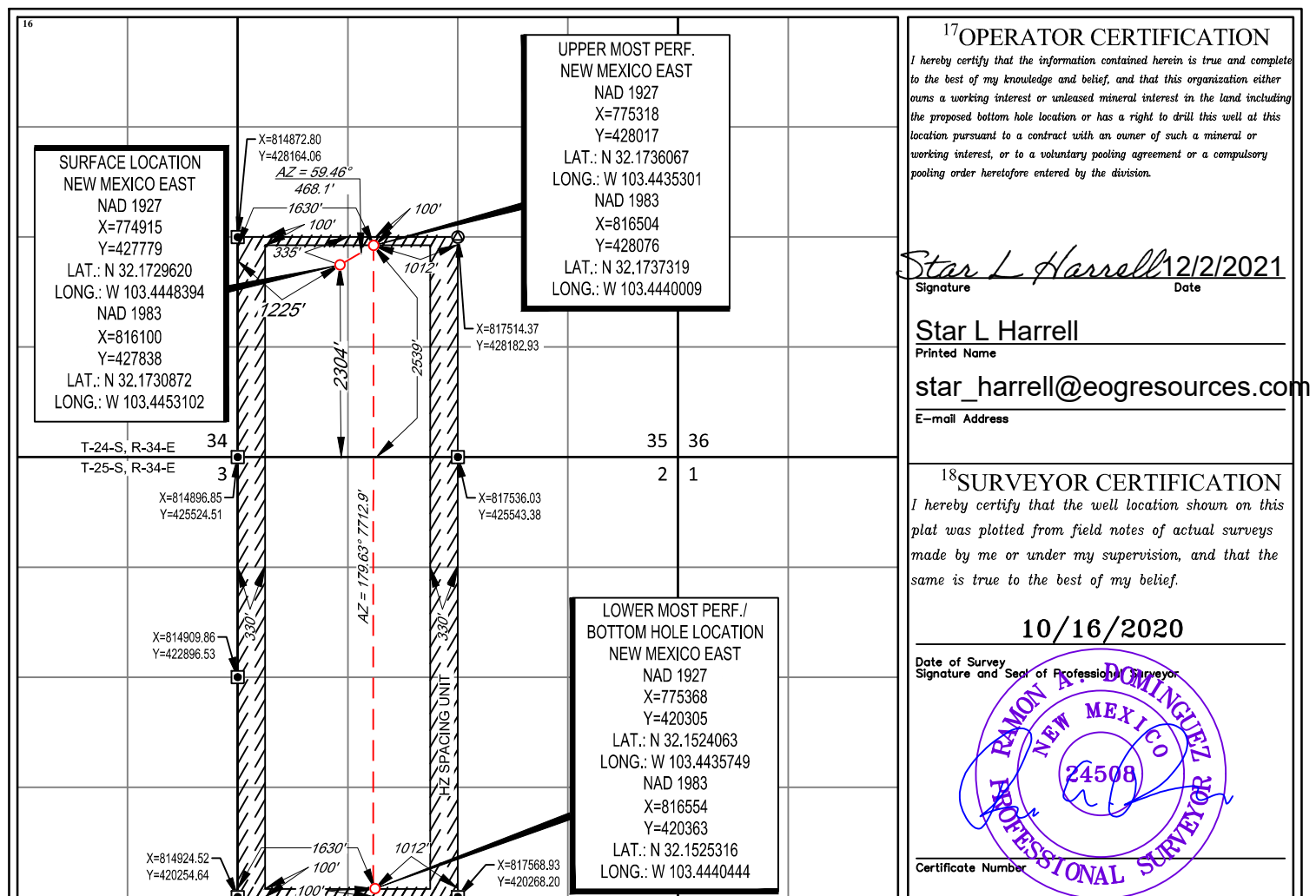
| UL or lot no. | Section   | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>L</b>      | <b>35</b> | <b>24-S</b> | <b>34-E</b> | <b>-</b> | <b>2304'</b>  | <b>SOUTH</b>     | <b>1225'</b>  | <b>WEST</b>    | <b>LEA</b> |

<sup>11</sup>Bottom Hole Location If Different From Surface

| UL or lot no. | Section  | Township    | Range       | Lot Idn  | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|----------|-------------|-------------|----------|---------------|------------------|---------------|----------------|------------|
| <b>N</b>      | <b>2</b> | <b>25-S</b> | <b>34-E</b> | <b>-</b> | <b>100'</b>   | <b>SOUTH</b>     | <b>1630'</b>  | <b>WEST</b>    | <b>LEA</b> |

|                                                |                               |                                  |                         |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>479.56</b> | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|------------------------------------------------|-------------------------------|----------------------------------|-------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





## Honey Buzzard 35 South State Com #703H

Lea County, New Mexico

Revised Wellbore

Design A

KB: 3426'

GL: 3401'

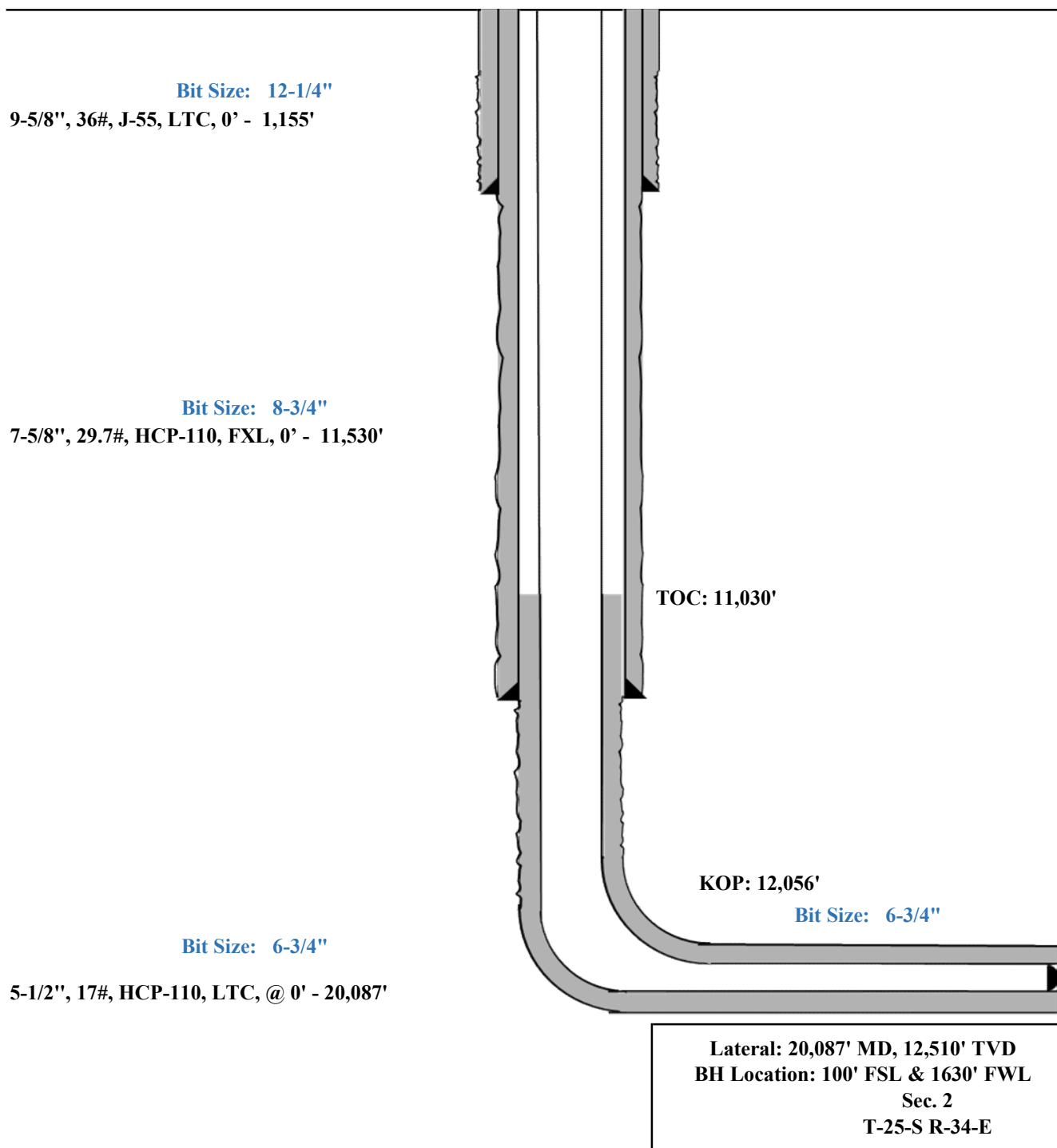
2304' FSL

1225' FWL

Section 35

T-24-S, R-34-E

API: 30-025-49597





## Honey Buzzard 35 South State Com #703H

Lea County, New Mexico

Revised Wellbore

Design B

2304' FSL

1225' FWL

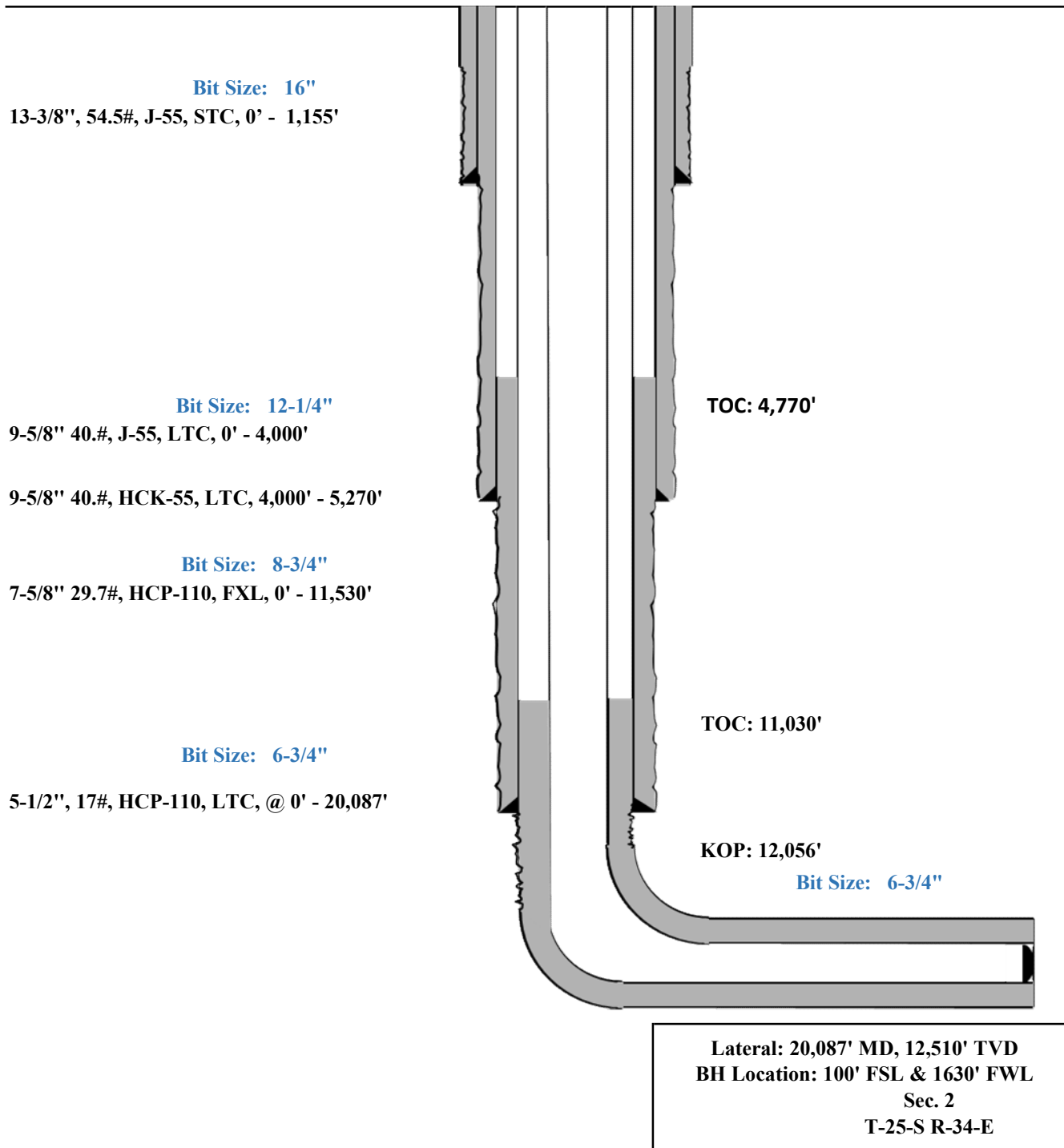
Section 35

T-24-S, R-34-E

KB: 3426'

GL: 3401'

API: 30-025-49597





## Honey Buzzard 35 South State Com #703H

### Permit Information:

Well Name: Honey Buzzard 35 South State Com #703H

### Location:

SHL: 2304' FSL & 1225' FWL, Section 35, T-24-S, R-34-E, Lea Co., N.M.

BHL: 100' FSL & 1630' FWL, Section 2, T-25-S, R-34-E, Lea Co., N.M.

### Design A

### Casing Program:

| Hole Size | Interval     | Csg OD | Weight | Grade   | Conn | DFmin Collapse | DFmin Burst | Dfmin Tension |
|-----------|--------------|--------|--------|---------|------|----------------|-------------|---------------|
| 12.25"    | 0' - 1,155'  | 9.625" | 36#    | J-55    | LTC  | 1.125          | 1.25        | 1.6           |
| 8.75"     | 0' - 11,530' | 7.625" | 29.7#  | HCP-110 | FXL  | 1.125          | 1.25        | 1.6           |
| 6.75"     | 0' - 20,087' | 5.5"   | 17#    | HCP-110 | LTC  | 1.125          | 1.25        | 1.6           |

### Cement Program:

| Depth   | No. Sacks | Wt. ppg | Yld Ft3/sk | Slurry Description                                                                                      |
|---------|-----------|---------|------------|---------------------------------------------------------------------------------------------------------|
| 1,155'  | 320       | 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) |
|         | 80        | 14.8    | 1.34       | Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate                                |
| 11,530' | 440       | 14.2    | 1.11       | 1st Stage (Tail): Class C + 5% Salt (TOC @ 7,840')                                                      |
|         | 1340      | 14.8    | 1.5        | 2nd Stage (Bradenhead squeeze): Class C + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (TOC @ surface)      |
| 20,087' | 790       | 14.2    | 1.31       | Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 11,030')                          |

### Mud Program:

| Depth                        | Type        | Weight (ppg) | Viscosity | Water Loss |
|------------------------------|-------------|--------------|-----------|------------|
| 0 – 1,155'                   | Fresh - Gel | 8.6-8.8      | 28-34     | N/c        |
| 1,155' – 11,530'             | Brine       | 10.0-10.2    | 28-34     | N/c        |
| 11,530' – 12,056'            | Oil Base    | 8.7-9.4      | 58-68     | N/c - 6    |
| 12,056' – 20,087'<br>Lateral | Oil Base    | 10.0-14.0    | 58-68     | 4 - 6      |



## Honey Buzzard 35 South State Com #703H

**Design B****CASING PROGRAM**

| Hole Size | Interval      | Csg OD  | Weight | Grade   | Conn | DFmin Collapse | DFmin Burst | DFmin Tension |
|-----------|---------------|---------|--------|---------|------|----------------|-------------|---------------|
| 16"       | 0' - 1,155'   | 13.375" | 54.5#  | J-55    | STC  | 1.125          | 1.25        | 1.6           |
| 12.25"    | 0' - 4,000'   | 9.625"  | 40#    | J-55    | LTC  | 1.125          | 1.25        | 1.6           |
| 12.25"    | 4000' - 5270' | 9.625"  | 40#    | HCK-55  | LTC  | 1.125          | 1.25        | 1.6           |
| 8.75"     | 0' - 11,530'  | 7.625"  | 29.7#  | HCP-110 | FXL  | 1.125          | 1.25        | 1.6           |
| 6.75"     | 0' - 20,087'  | 5.5"    | 17#    | HCP-110 | LTC  | 1.125          | 1.25        | 1.6           |

**Cementing Program:**

| Depth   | No. Sacks | Wt. ppg | Yld Ft3/sk | Slurry Description                                                                                     |
|---------|-----------|---------|------------|--------------------------------------------------------------------------------------------------------|
| 1,155'  | 350       | 13.5    | 1.73       | Lead: Class C + 4.0% Bentonite Gel + 2.0% CaCl <sub>2</sub> (TOC @ Surface)                            |
|         | 100       | 14.8    | 1.34       | Tail: Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate + 2.0% KCl (1.06 lb/sk) |
| 5,270'  | 770       | 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)                  |
|         | 330       | 10.8    | 1.32       | Tail: Class C + 0.13% C-20                                                                             |
| 11,530' | 200       | 14.8    | 3.67       | Lead: Class H + 0.40% D013 + 0.20% D046 + 0.10% D065 + 0.20% D167 (TOC @ 4,770')                       |
|         | 100       | 14.8    | 2.38       | Tail: Class H + 94.0 pps D909 + 0.25% D065 + 0.30% D167 + 0.02% D208 + 0.15% D800 (TOC @ 10,025')      |
| 20,087' | 790       | 14.8    | 1.31       | Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 11,025')                         |

As a contingency, EOG requests to pump a two stage cement job on the 5-1/2" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon (8,040') 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 1,340 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (1.5 yld, 14.8 ppg) will be executed.

**Mud Program:**

| Depth                        | Type        | Weight (ppg) | Viscosity | Water Loss |
|------------------------------|-------------|--------------|-----------|------------|
| 0 - 1,155'                   | Fresh - Gel | 8.6-8.8      | 28-34     | N/c        |
| 1,155' - 5,270'              | Brine       | 10.0-10.2    | 28-34     | N/c        |
| 5,270' - 11,530'             | Oil Base    | 8.7-9.4      | 58-68     | N/c - 6    |
| 11,530' - 20,087'<br>Lateral | Oil Base    | 10.0-14.0    | 58-68     | 4 - 6      |



## Honey Buzzard 35 South State Com #703H

### 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.



### **Honey Buzzard 35 South State Com #703H**

■ **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.



**Honey Buzzard 35 South State Com #703H  
Emergency Assistance Telephone List**

**PUBLIC SAFETY:** **911 or**

|                                 |                |
|---------------------------------|----------------|
| 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**

|                   |      |                |
|-------------------|------|----------------|
| Esteban Del Valle | Cell | (432) 269-7063 |
| Daniel Moose      | Cell | (432) 312-2803 |

**Drilling Manager**

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

**Drilling Superintendent**

|                |        |                |
|----------------|--------|----------------|
| Jason Townsend | Office | (432) 848-9209 |
|                | Cell   | (210) 776-5131 |

**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 |



## **Midland**

**Lea County, NM (NAD 83 NME)  
Honey Buzzard 35 South State Com  
#703H**

**OH**

**Plan: Plan #0.1 RT**

## **Standard Planning Report**

**19 November, 2021**

## EOG Resources

## Planning Report



|                  |                                  |                                     |                       |
|------------------|----------------------------------|-------------------------------------|-----------------------|
| <b>Database:</b> | PEDM                             | <b>Local Co-ordinate Reference:</b> | Well #703H            |
| <b>Company:</b>  | Midland                          | <b>TVD Reference:</b>               | kb = 26' @ 3427.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME)      | <b>MD Reference:</b>                | kb = 26' @ 3427.0usft |
| <b>Site:</b>     | Honey Buzzard 35 South State Com | <b>North Reference:</b>             | Grid                  |
| <b>Well:</b>     | #703H                            | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Wellbore:</b> | OH                               |                                     |                       |
| <b>Design:</b>   | Plan #0.1 RT                     |                                     |                       |

|                    |                             |                      |                |
|--------------------|-----------------------------|----------------------|----------------|
| <b>Project</b>     | Lea County, NM (NAD 83 NME) |                      |                |
| <b>Map System:</b> | US State Plane 1983         | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983   |                      |                |
| <b>Map Zone:</b>   | New Mexico Eastern Zone     |                      |                |

|                              |                                  |                     |                   |
|------------------------------|----------------------------------|---------------------|-------------------|
| <b>Site</b>                  | Honey Buzzard 35 South State Com |                     |                   |
| <b>Site Position:</b>        |                                  | <b>Northing:</b>    | 427,838.00 usft   |
| <b>From:</b>                 | Map                              | <b>Easting:</b>     | 816,070.00 usft   |
| <b>Position Uncertainty:</b> | 0.0 usft                         | <b>Slot Radius:</b> | 13-3/16 "         |
|                              |                                  | <b>Latitude:</b>    | 32° 10' 23.118 N  |
|                              |                                  | <b>Longitude:</b>   | 103° 26' 43.471 W |

|                             |              |                            |                                  |
|-----------------------------|--------------|----------------------------|----------------------------------|
| <b>Well</b>                 | #703H        |                            |                                  |
| <b>Well Position</b>        | <b>+N/-S</b> | 0.0 usft                   | <b>Northing:</b> 427,838.00 usft |
|                             | <b>+E/-W</b> | 0.0 usft                   | <b>Easting:</b> 816,100.00 usft  |
| <b>Position Uncertainty</b> | 0.0 usft     | <b>Wellhead Elevation:</b> | usft                             |
| <b>Grid Convergence:</b>    | 0.47 °       | <b>Ground Level:</b>       | 3,401.0 usft                     |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 11/19/2021         | 6.43                   | 59.86                | 47,432.05848657            |

|                          |                                |                     |                     |                      |     |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|-----|
| <b>Design</b>            | Plan #0.1 RT                   |                     |                     |                      |     |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |     |
| <b>Version:</b>          |                                | <b>Phase:</b>       | PLAN                | <b>Tie On Depth:</b> | 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Direction (°)</b> |     |
|                          | 0.0                            | 0.0                 | 0.0                 | 176.52               |     |

|                                 |                        |                          |                   |                |  |
|---------------------------------|------------------------|--------------------------|-------------------|----------------|--|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 11/19/2021               |                   |                |  |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>  | <b>Remarks</b> |  |
| 1                               | 0.0                    | 20,087.1                 | Plan #0.1 RT (OH) | EOG MWD+IFR1   |  |
|                                 |                        |                          | MWD + IFR1        |                |  |

## EOG Resources

## Planning Report



|                  |                                  |                                     |                       |
|------------------|----------------------------------|-------------------------------------|-----------------------|
| <b>Database:</b> | PEDM                             | <b>Local Co-ordinate Reference:</b> | Well #703H            |
| <b>Company:</b>  | Midland                          | <b>TVD Reference:</b>               | kb = 26' @ 3427.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME)      | <b>MD Reference:</b>                | kb = 26' @ 3427.0usft |
| <b>Site:</b>     | Honey Buzzard 35 South State Com | <b>North Reference:</b>             | Grid                  |
| <b>Well:</b>     | #703H                            | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Wellbore:</b> | OH                               |                                     |                       |
| <b>Design:</b>   | Plan #0.1 RT                     |                                     |                       |

| Plan Sections         |                 |             |                       |              |              |                         |                        |                       |         |                    |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target             |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                    |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                    |
| 1,621.3               | 4.43            | 54.52       | 1,621.1               | 5.0          | 7.0          | 2.00                    | 2.00                   | 0.00                  | 54.52   |                    |
| 7,827.6               | 4.43            | 54.52       | 7,808.9               | 283.0        | 397.0        | 0.00                    | 0.00                   | 0.00                  | 0.00    |                    |
| 8,049.0               | 0.00            | 0.00        | 8,030.0               | 288.0        | 404.0        | 2.00                    | -2.00                  | 0.00                  | 180.00  |                    |
| 12,051.5              | 0.00            | 0.00        | 12,032.5              | 288.0        | 404.0        | 0.00                    | 0.00                   | 0.00                  | 0.00    | KOP(Honey Buzzard  |
| 12,271.9              | 26.46           | 180.00      | 12,245.2              | 238.0        | 404.0        | 12.00                   | 12.00                  | 81.65                 | 180.00  | FTP(Honey Buzzard  |
| 12,801.4              | 90.00           | 179.62      | 12,509.9              | -189.5       | 406.0        | 12.00                   | 12.00                  | -0.07                 | -0.42   |                    |
| 20,087.1              | 90.00           | 179.62      | 12,510.0              | -7,475.0     | 454.0        | 0.00                    | 0.00                   | 0.00                  | 0.00    | PBHL(Honey Buzzard |

## EOG Resources

## Planning Report



|                  |                                  |                                     |                       |
|------------------|----------------------------------|-------------------------------------|-----------------------|
| <b>Database:</b> | PEDM                             | <b>Local Co-ordinate Reference:</b> | Well #703H            |
| <b>Company:</b>  | Midland                          | <b>TVD Reference:</b>               | kb = 26' @ 3427.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME)      | <b>MD Reference:</b>                | kb = 26' @ 3427.0usft |
| <b>Site:</b>     | Honey Buzzard 35 South State Com | <b>North Reference:</b>             | Grid                  |
| <b>Well:</b>     | #703H                            | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Wellbore:</b> | OH                               |                                     |                       |
| <b>Design:</b>   | Plan #0.1 RT                     |                                     |                       |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 100.0                 | 0.00            | 0.00        | 100.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 200.0                 | 0.00            | 0.00        | 200.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 300.0                 | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 400.0                 | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 500.0                 | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 600.0                 | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 700.0                 | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 800.0                 | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 900.0                 | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,000.0               | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,100.0               | 0.00            | 0.00        | 1,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,200.0               | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,300.0               | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0               | 2.00            | 54.52       | 1,500.0               | 1.0          | 1.4          | -0.9                    | 2.00                    | 2.00                   | 0.00                  |
| 1,600.0               | 4.00            | 54.52       | 1,599.8               | 4.1          | 5.7          | -3.7                    | 2.00                    | 2.00                   | 0.00                  |
| 1,621.3               | 4.43            | 54.52       | 1,621.1               | 5.0          | 7.0          | -4.5                    | 2.00                    | 2.00                   | 0.00                  |
| 1,700.0               | 4.43            | 54.52       | 1,699.5               | 8.5          | 11.9         | -7.7                    | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0               | 4.43            | 54.52       | 1,799.2               | 13.0         | 18.2         | -11.8                   | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0               | 4.43            | 54.52       | 1,898.9               | 17.4         | 24.5         | -15.9                   | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0               | 4.43            | 54.52       | 1,998.7               | 21.9         | 30.8         | -20.0                   | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0               | 4.43            | 54.52       | 2,098.4               | 26.4         | 37.0         | -24.1                   | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0               | 4.43            | 54.52       | 2,198.1               | 30.9         | 43.3         | -28.2                   | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0               | 4.43            | 54.52       | 2,297.8               | 35.4         | 49.6         | -32.3                   | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0               | 4.43            | 54.52       | 2,397.5               | 39.8         | 55.9         | -36.4                   | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0               | 4.43            | 54.52       | 2,497.2               | 44.3         | 62.2         | -40.5                   | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0               | 4.43            | 54.52       | 2,596.9               | 48.8         | 68.5         | -44.6                   | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0               | 4.43            | 54.52       | 2,696.6               | 53.3         | 74.8         | -48.7                   | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0               | 4.43            | 54.52       | 2,796.3               | 57.8         | 81.0         | -52.8                   | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0               | 4.43            | 54.52       | 2,896.0               | 62.3         | 87.3         | -56.8                   | 0.00                    | 0.00                   | 0.00                  |
| 3,000.0               | 4.43            | 54.52       | 2,995.7               | 66.7         | 93.6         | -60.9                   | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0               | 4.43            | 54.52       | 3,095.4               | 71.2         | 99.9         | -65.0                   | 0.00                    | 0.00                   | 0.00                  |
| 3,200.0               | 4.43            | 54.52       | 3,195.1               | 75.7         | 106.2        | -69.1                   | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0               | 4.43            | 54.52       | 3,294.8               | 80.2         | 112.5        | -73.2                   | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0               | 4.43            | 54.52       | 3,394.5               | 84.7         | 118.8        | -77.3                   | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0               | 4.43            | 54.52       | 3,494.2               | 89.1         | 125.0        | -81.4                   | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0               | 4.43            | 54.52       | 3,593.9               | 93.6         | 131.3        | -85.5                   | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0               | 4.43            | 54.52       | 3,693.6               | 98.1         | 137.6        | -89.6                   | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0               | 4.43            | 54.52       | 3,793.3               | 102.6        | 143.9        | -93.7                   | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0               | 4.43            | 54.52       | 3,893.0               | 107.1        | 150.2        | -97.8                   | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0               | 4.43            | 54.52       | 3,992.7               | 111.5        | 156.5        | -101.8                  | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0               | 4.43            | 54.52       | 4,092.4               | 116.0        | 162.7        | -105.9                  | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0               | 4.43            | 54.52       | 4,192.1               | 120.5        | 169.0        | -110.0                  | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0               | 4.43            | 54.52       | 4,291.8               | 125.0        | 175.3        | -114.1                  | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0               | 4.43            | 54.52       | 4,391.5               | 129.5        | 181.6        | -118.2                  | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0               | 4.43            | 54.52       | 4,491.2               | 133.9        | 187.9        | -122.3                  | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0               | 4.43            | 54.52       | 4,590.9               | 138.4        | 194.2        | -126.4                  | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0               | 4.43            | 54.52       | 4,690.6               | 142.9        | 200.5        | -130.5                  | 0.00                    | 0.00                   | 0.00                  |
| 4,800.0               | 4.43            | 54.52       | 4,790.3               | 147.4        | 206.7        | -134.6                  | 0.00                    | 0.00                   | 0.00                  |
| 4,900.0               | 4.43            | 54.52       | 4,890.0               | 151.9        | 213.0        | -138.7                  | 0.00                    | 0.00                   | 0.00                  |
| 5,000.0               | 4.43            | 54.52       | 4,989.7               | 156.3        | 219.3        | -142.8                  | 0.00                    | 0.00                   | 0.00                  |
| 5,100.0               | 4.43            | 54.52       | 5,089.4               | 160.8        | 225.6        | -146.9                  | 0.00                    | 0.00                   | 0.00                  |
| 5,200.0               | 4.43            | 54.52       | 5,189.1               | 165.3        | 231.9        | -150.9                  | 0.00                    | 0.00                   | 0.00                  |

## EOG Resources

## Planning Report



|                  |                                  |                                     |                       |
|------------------|----------------------------------|-------------------------------------|-----------------------|
| <b>Database:</b> | PEDM                             | <b>Local Co-ordinate Reference:</b> | Well #703H            |
| <b>Company:</b>  | Midland                          | <b>TVD Reference:</b>               | kb = 26' @ 3427.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME)      | <b>MD Reference:</b>                | kb = 26' @ 3427.0usft |
| <b>Site:</b>     | Honey Buzzard 35 South State Com | <b>North Reference:</b>             | Grid                  |
| <b>Well:</b>     | #703H                            | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Wellbore:</b> | OH                               |                                     |                       |
| <b>Design:</b>   | Plan #0.1 RT                     |                                     |                       |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 5,300.0               | 4.43            | 54.52       | 5,288.8               | 169.8        | 238.2        | -155.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,400.0               | 4.43            | 54.52       | 5,388.5               | 174.3        | 244.5        | -159.1                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,500.0               | 4.43            | 54.52       | 5,488.2               | 178.7        | 250.7        | -163.2                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,600.0               | 4.43            | 54.52       | 5,587.9               | 183.2        | 257.0        | -167.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,700.0               | 4.43            | 54.52       | 5,687.6               | 187.7        | 263.3        | -171.4                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,800.0               | 4.43            | 54.52       | 5,787.3               | 192.2        | 269.6        | -175.5                  | 0.00                    | 0.00                   | 0.00                  |  |
| 5,900.0               | 4.43            | 54.52       | 5,887.0               | 196.7        | 275.9        | -179.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,000.0               | 4.43            | 54.52       | 5,986.7               | 201.2        | 282.2        | -183.7                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,100.0               | 4.43            | 54.52       | 6,086.4               | 205.6        | 288.5        | -187.8                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,200.0               | 4.43            | 54.52       | 6,186.1               | 210.1        | 294.7        | -191.9                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,300.0               | 4.43            | 54.52       | 6,285.8               | 214.6        | 301.0        | -195.9                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,400.0               | 4.43            | 54.52       | 6,385.5               | 219.1        | 307.3        | -200.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,500.0               | 4.43            | 54.52       | 6,485.2               | 223.6        | 313.6        | -204.1                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,600.0               | 4.43            | 54.52       | 6,584.9               | 228.0        | 319.9        | -208.2                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,700.0               | 4.43            | 54.52       | 6,684.6               | 232.5        | 326.2        | -212.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,800.0               | 4.43            | 54.52       | 6,784.3               | 237.0        | 332.5        | -216.4                  | 0.00                    | 0.00                   | 0.00                  |  |
| 6,900.0               | 4.43            | 54.52       | 6,884.0               | 241.5        | 338.7        | -220.5                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,000.0               | 4.43            | 54.52       | 6,983.7               | 246.0        | 345.0        | -224.6                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,100.0               | 4.43            | 54.52       | 7,083.4               | 250.4        | 351.3        | -228.7                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,200.0               | 4.43            | 54.52       | 7,183.1               | 254.9        | 357.6        | -232.8                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,300.0               | 4.43            | 54.52       | 7,282.8               | 259.4        | 363.9        | -236.9                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,400.0               | 4.43            | 54.52       | 7,382.5               | 263.9        | 370.2        | -241.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,500.0               | 4.43            | 54.52       | 7,482.2               | 268.4        | 376.4        | -245.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,600.0               | 4.43            | 54.52       | 7,581.9               | 272.8        | 382.7        | -249.1                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,700.0               | 4.43            | 54.52       | 7,681.6               | 277.3        | 389.0        | -253.2                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,800.0               | 4.43            | 54.52       | 7,781.3               | 281.8        | 395.3        | -257.3                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,827.6               | 4.43            | 54.52       | 7,808.9               | 283.0        | 397.0        | -258.4                  | 0.00                    | 0.00                   | 0.00                  |  |
| 7,900.0               | 2.98            | 54.52       | 7,881.1               | 285.8        | 400.8        | -260.9                  | 2.00                    | -2.00                  | 0.00                  |  |
| 8,000.0               | 0.98            | 54.52       | 7,981.0               | 287.8        | 403.7        | -262.8                  | 2.00                    | -2.00                  | 0.00                  |  |
| 8,049.0               | 0.00            | 0.00        | 8,030.0               | 288.0        | 404.0        | -263.0                  | 2.00                    | -2.00                  | 0.00                  |  |
| 8,100.0               | 0.00            | 0.00        | 8,081.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,200.0               | 0.00            | 0.00        | 8,181.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,300.0               | 0.00            | 0.00        | 8,281.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,400.0               | 0.00            | 0.00        | 8,381.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,500.0               | 0.00            | 0.00        | 8,481.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,600.0               | 0.00            | 0.00        | 8,581.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,700.0               | 0.00            | 0.00        | 8,681.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,800.0               | 0.00            | 0.00        | 8,781.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 8,900.0               | 0.00            | 0.00        | 8,881.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,000.0               | 0.00            | 0.00        | 8,981.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,100.0               | 0.00            | 0.00        | 9,081.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,200.0               | 0.00            | 0.00        | 9,181.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,300.0               | 0.00            | 0.00        | 9,281.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,400.0               | 0.00            | 0.00        | 9,381.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,500.0               | 0.00            | 0.00        | 9,481.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,600.0               | 0.00            | 0.00        | 9,581.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,700.0               | 0.00            | 0.00        | 9,681.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,800.0               | 0.00            | 0.00        | 9,781.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 9,900.0               | 0.00            | 0.00        | 9,881.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,000.0              | 0.00            | 0.00        | 9,981.0               | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,100.0              | 0.00            | 0.00        | 10,081.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,200.0              | 0.00            | 0.00        | 10,181.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,300.0              | 0.00            | 0.00        | 10,281.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |
| 10,400.0              | 0.00            | 0.00        | 10,381.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |  |

## EOG Resources

## Planning Report



|                  |                                  |                                     |                       |
|------------------|----------------------------------|-------------------------------------|-----------------------|
| <b>Database:</b> | PEDM                             | <b>Local Co-ordinate Reference:</b> | Well #703H            |
| <b>Company:</b>  | Midland                          | <b>TVD Reference:</b>               | kb = 26' @ 3427.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME)      | <b>MD Reference:</b>                | kb = 26' @ 3427.0usft |
| <b>Site:</b>     | Honey Buzzard 35 South State Com | <b>North Reference:</b>             | Grid                  |
| <b>Well:</b>     | #703H                            | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Wellbore:</b> | OH                               |                                     |                       |
| <b>Design:</b>   | Plan #0.1 RT                     |                                     |                       |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 10,500.0              | 0.00            | 0.00        | 10,481.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 10,600.0              | 0.00            | 0.00        | 10,581.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 10,700.0              | 0.00            | 0.00        | 10,681.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 10,800.0              | 0.00            | 0.00        | 10,781.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 10,900.0              | 0.00            | 0.00        | 10,881.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,000.0              | 0.00            | 0.00        | 10,981.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,100.0              | 0.00            | 0.00        | 11,081.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,200.0              | 0.00            | 0.00        | 11,181.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,300.0              | 0.00            | 0.00        | 11,281.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,400.0              | 0.00            | 0.00        | 11,381.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,500.0              | 0.00            | 0.00        | 11,481.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,600.0              | 0.00            | 0.00        | 11,581.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,700.0              | 0.00            | 0.00        | 11,681.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,800.0              | 0.00            | 0.00        | 11,781.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 11,900.0              | 0.00            | 0.00        | 11,881.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 12,000.0              | 0.00            | 0.00        | 11,981.0              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 12,051.5              | 0.00            | 0.00        | 12,032.5              | 288.0        | 404.0        | -263.0                  | 0.00                    | 0.00                   | 0.00                  |
| 12,075.0              | 2.83            | 180.00      | 12,056.0              | 287.4        | 404.0        | -262.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,100.0              | 5.83            | 180.00      | 12,081.0              | 285.5        | 404.0        | -260.5                  | 12.00                   | 12.00                  | 0.00                  |
| 12,125.0              | 8.83            | 180.00      | 12,105.8              | 282.3        | 404.0        | -257.3                  | 12.00                   | 12.00                  | 0.00                  |
| 12,150.0              | 11.83           | 180.00      | 12,130.3              | 277.9        | 404.0        | -252.9                  | 12.00                   | 12.00                  | 0.00                  |
| 12,175.0              | 14.83           | 180.00      | 12,154.7              | 272.1        | 404.0        | -247.1                  | 12.00                   | 12.00                  | 0.00                  |
| 12,200.0              | 17.83           | 180.00      | 12,178.7              | 265.1        | 404.0        | -240.1                  | 12.00                   | 12.00                  | 0.00                  |
| 12,225.0              | 20.83           | 180.00      | 12,202.2              | 256.8        | 404.0        | -231.8                  | 12.00                   | 12.00                  | 0.00                  |
| 12,250.0              | 23.83           | 180.00      | 12,225.4              | 247.3        | 404.0        | -222.4                  | 12.00                   | 12.00                  | 0.00                  |
| 12,271.9              | 26.46           | 180.00      | 12,245.2              | 238.0        | 404.0        | -213.1                  | 12.00                   | 12.00                  | 0.00                  |
| 12,275.0              | 26.83           | 179.99      | 12,248.0              | 236.6        | 404.0        | -211.7                  | 12.00                   | 12.00                  | -0.20                 |
| 12,300.0              | 29.83           | 179.95      | 12,270.0              | 224.8        | 404.0        | -199.8                  | 12.00                   | 12.00                  | -0.18                 |
| 12,325.0              | 32.83           | 179.91      | 12,291.3              | 211.8        | 404.0        | -186.9                  | 12.00                   | 12.00                  | -0.15                 |
| 12,350.0              | 35.83           | 179.88      | 12,312.0              | 197.7        | 404.0        | -172.8                  | 12.00                   | 12.00                  | -0.12                 |
| 12,375.0              | 38.83           | 179.86      | 12,331.8              | 182.5        | 404.1        | -157.7                  | 12.00                   | 12.00                  | -0.11                 |
| 12,400.0              | 41.83           | 179.83      | 12,350.9              | 166.3        | 404.1        | -141.5                  | 12.00                   | 12.00                  | -0.09                 |
| 12,425.0              | 44.83           | 179.81      | 12,369.1              | 149.2        | 404.2        | -124.4                  | 12.00                   | 12.00                  | -0.08                 |
| 12,450.0              | 47.83           | 179.79      | 12,386.3              | 131.1        | 404.2        | -106.3                  | 12.00                   | 12.00                  | -0.08                 |
| 12,475.0              | 50.83           | 179.78      | 12,402.6              | 112.1        | 404.3        | -87.4                   | 12.00                   | 12.00                  | -0.07                 |
| 12,500.0              | 53.83           | 179.76      | 12,417.9              | 92.3         | 404.4        | -67.7                   | 12.00                   | 12.00                  | -0.06                 |
| 12,525.0              | 56.83           | 179.75      | 12,432.1              | 71.8         | 404.5        | -47.1                   | 12.00                   | 12.00                  | -0.06                 |
| 12,550.0              | 59.83           | 179.73      | 12,445.3              | 50.5         | 404.6        | -25.9                   | 12.00                   | 12.00                  | -0.05                 |
| 12,575.0              | 62.83           | 179.72      | 12,457.2              | 28.6         | 404.7        | -4.0                    | 12.00                   | 12.00                  | -0.05                 |
| 12,600.0              | 65.83           | 179.71      | 12,468.1              | 6.1          | 404.8        | 18.5                    | 12.00                   | 12.00                  | -0.05                 |
| 12,625.0              | 68.83           | 179.69      | 12,477.7              | -17.0        | 404.9        | 41.5                    | 12.00                   | 12.00                  | -0.05                 |
| 12,650.0              | 71.83           | 179.68      | 12,486.1              | -40.5        | 405.0        | 65.0                    | 12.00                   | 12.00                  | -0.04                 |
| 12,675.0              | 74.83           | 179.67      | 12,493.3              | -64.5        | 405.2        | 88.9                    | 12.00                   | 12.00                  | -0.04                 |
| 12,700.0              | 77.83           | 179.66      | 12,499.2              | -88.8        | 405.3        | 113.2                   | 12.00                   | 12.00                  | -0.04                 |
| 12,725.0              | 80.83           | 179.65      | 12,503.8              | -113.3       | 405.5        | 137.7                   | 12.00                   | 12.00                  | -0.04                 |
| 12,750.0              | 83.83           | 179.64      | 12,507.2              | -138.1       | 405.6        | 162.5                   | 12.00                   | 12.00                  | -0.04                 |
| 12,775.0              | 86.83           | 179.63      | 12,509.2              | -163.0       | 405.8        | 187.3                   | 12.00                   | 12.00                  | -0.04                 |
| 12,801.4              | 90.00           | 179.62      | 12,509.9              | -189.5       | 406.0        | 213.7                   | 12.00                   | 12.00                  | -0.04                 |
| 12,900.0              | 90.00           | 179.62      | 12,509.9              | -288.0       | 406.6        | 312.1                   | 0.00                    | 0.00                   | 0.00                  |
| 13,000.0              | 90.00           | 179.62      | 12,509.9              | -388.0       | 407.3        | 412.0                   | 0.00                    | 0.00                   | 0.00                  |
| 13,100.0              | 90.00           | 179.62      | 12,509.9              | -488.0       | 407.9        | 511.8                   | 0.00                    | 0.00                   | 0.00                  |
| 13,200.0              | 90.00           | 179.62      | 12,509.9              | -588.0       | 408.6        | 611.7                   | 0.00                    | 0.00                   | 0.00                  |
| 13,300.0              | 90.00           | 179.62      | 12,509.9              | -688.0       | 409.2        | 711.6                   | 0.00                    | 0.00                   | 0.00                  |
| 13,400.0              | 90.00           | 179.62      | 12,509.9              | -788.0       | 409.9        | 811.4                   | 0.00                    | 0.00                   | 0.00                  |

## EOG Resources

## Planning Report



|                  |                                  |                                     |                       |
|------------------|----------------------------------|-------------------------------------|-----------------------|
| <b>Database:</b> | PEDM                             | <b>Local Co-ordinate Reference:</b> | Well #703H            |
| <b>Company:</b>  | Midland                          | <b>TVD Reference:</b>               | kb = 26' @ 3427.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME)      | <b>MD Reference:</b>                | kb = 26' @ 3427.0usft |
| <b>Site:</b>     | Honey Buzzard 35 South State Com | <b>North Reference:</b>             | Grid                  |
| <b>Well:</b>     | #703H                            | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Wellbore:</b> | OH                               |                                     |                       |
| <b>Design:</b>   | Plan #0.1 RT                     |                                     |                       |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 13,500.0              | 90.00           | 179.62      | 12,509.9              | -888.0       | 410.6        | 911.3                   | 0.00                    | 0.00                   | 0.00                  |  |
| 13,600.0              | 90.00           | 179.62      | 12,510.0              | -988.0       | 411.2        | 1,011.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,700.0              | 90.00           | 179.62      | 12,510.0              | -1,088.0     | 411.9        | 1,111.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,800.0              | 90.00           | 179.62      | 12,510.0              | -1,188.0     | 412.5        | 1,210.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 13,900.0              | 90.00           | 179.62      | 12,510.0              | -1,288.0     | 413.2        | 1,310.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,000.0              | 90.00           | 179.62      | 12,510.0              | -1,388.0     | 413.9        | 1,410.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,100.0              | 90.00           | 179.62      | 12,510.0              | -1,488.0     | 414.5        | 1,510.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,200.0              | 90.00           | 179.62      | 12,510.0              | -1,588.0     | 415.2        | 1,610.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,300.0              | 90.00           | 179.62      | 12,510.0              | -1,688.0     | 415.8        | 1,710.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,400.0              | 90.00           | 179.62      | 12,510.0              | -1,788.0     | 416.5        | 1,809.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,500.0              | 90.00           | 179.62      | 12,510.0              | -1,888.0     | 417.2        | 1,909.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,600.0              | 90.00           | 179.62      | 12,510.0              | -1,988.0     | 417.8        | 2,009.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,700.0              | 90.00           | 179.62      | 12,510.0              | -2,088.0     | 418.5        | 2,109.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,800.0              | 90.00           | 179.62      | 12,510.0              | -2,188.0     | 419.1        | 2,209.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 14,900.0              | 90.00           | 179.62      | 12,510.0              | -2,288.0     | 419.8        | 2,309.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,000.0              | 90.00           | 179.62      | 12,510.0              | -2,388.0     | 420.4        | 2,409.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,100.0              | 90.00           | 179.62      | 12,510.0              | -2,488.0     | 421.1        | 2,508.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,200.0              | 90.00           | 179.62      | 12,510.0              | -2,588.0     | 421.8        | 2,608.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,300.0              | 90.00           | 179.62      | 12,510.0              | -2,688.0     | 422.4        | 2,708.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,400.0              | 90.00           | 179.62      | 12,510.0              | -2,788.0     | 423.1        | 2,808.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,500.0              | 90.00           | 179.62      | 12,510.0              | -2,888.0     | 423.7        | 2,908.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,600.0              | 90.00           | 179.62      | 12,510.0              | -2,988.0     | 424.4        | 3,008.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,700.0              | 90.00           | 179.62      | 12,510.0              | -3,088.0     | 425.1        | 3,108.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,800.0              | 90.00           | 179.62      | 12,510.0              | -3,188.0     | 425.7        | 3,207.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 15,900.0              | 90.00           | 179.62      | 12,510.0              | -3,288.0     | 426.4        | 3,307.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,000.0              | 90.00           | 179.62      | 12,510.0              | -3,388.0     | 427.0        | 3,407.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,100.0              | 90.00           | 179.62      | 12,510.0              | -3,487.9     | 427.7        | 3,507.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,200.0              | 90.00           | 179.62      | 12,510.0              | -3,587.9     | 428.4        | 3,607.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,300.0              | 90.00           | 179.62      | 12,510.0              | -3,687.9     | 429.0        | 3,707.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,400.0              | 90.00           | 179.62      | 12,510.0              | -3,787.9     | 429.7        | 3,807.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,500.0              | 90.00           | 179.62      | 12,510.0              | -3,887.9     | 430.3        | 3,906.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,600.0              | 90.00           | 179.62      | 12,510.0              | -3,987.9     | 431.0        | 4,006.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,700.0              | 90.00           | 179.62      | 12,510.0              | -4,087.9     | 431.7        | 4,106.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,800.0              | 90.00           | 179.62      | 12,510.0              | -4,187.9     | 432.3        | 4,206.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 16,900.0              | 90.00           | 179.62      | 12,510.0              | -4,287.9     | 433.0        | 4,306.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,000.0              | 90.00           | 179.62      | 12,510.0              | -4,387.9     | 433.6        | 4,406.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,100.0              | 90.00           | 179.62      | 12,510.0              | -4,487.9     | 434.3        | 4,506.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,200.0              | 90.00           | 179.62      | 12,510.0              | -4,587.9     | 435.0        | 4,605.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,300.0              | 90.00           | 179.62      | 12,510.0              | -4,687.9     | 435.6        | 4,705.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,400.0              | 90.00           | 179.62      | 12,510.0              | -4,787.9     | 436.3        | 4,805.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,500.0              | 90.00           | 179.62      | 12,510.0              | -4,887.9     | 436.9        | 4,905.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,600.0              | 90.00           | 179.62      | 12,510.0              | -4,987.9     | 437.6        | 5,005.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,700.0              | 90.00           | 179.62      | 12,510.0              | -5,087.9     | 438.3        | 5,105.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,800.0              | 90.00           | 179.62      | 12,510.0              | -5,187.9     | 438.9        | 5,205.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 17,900.0              | 90.00           | 179.62      | 12,510.0              | -5,287.9     | 439.6        | 5,304.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,000.0              | 90.00           | 179.62      | 12,510.0              | -5,387.9     | 440.2        | 5,404.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,100.0              | 90.00           | 179.62      | 12,510.0              | -5,487.9     | 440.9        | 5,504.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,200.0              | 90.00           | 179.62      | 12,510.0              | -5,587.9     | 441.6        | 5,604.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,300.0              | 90.00           | 179.62      | 12,510.0              | -5,687.9     | 442.2        | 5,704.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,400.0              | 90.00           | 179.62      | 12,510.0              | -5,787.9     | 442.9        | 5,804.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,500.0              | 90.00           | 179.62      | 12,510.0              | -5,887.9     | 443.5        | 5,904.0                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,600.0              | 90.00           | 179.62      | 12,510.0              | -5,987.9     | 444.2        | 6,003.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,700.0              | 90.00           | 179.62      | 12,510.0              | -6,087.9     | 444.9        | 6,103.7                 | 0.00                    | 0.00                   | 0.00                  |  |
| 18,800.0              | 90.00           | 179.62      | 12,510.0              | -6,187.9     | 445.5        | 6,203.5                 | 0.00                    | 0.00                   | 0.00                  |  |



## EOG Resources

## Planning Report

|                  |                                  |                                     |                       |
|------------------|----------------------------------|-------------------------------------|-----------------------|
| <b>Database:</b> | PEDM                             | <b>Local Co-ordinate Reference:</b> | Well #703H            |
| <b>Company:</b>  | Midland                          | <b>TVD Reference:</b>               | kb = 26' @ 3427.0usft |
| <b>Project:</b>  | Lea County, NM (NAD 83 NME)      | <b>MD Reference:</b>                | kb = 26' @ 3427.0usft |
| <b>Site:</b>     | Honey Buzzard 35 South State Com | <b>North Reference:</b>             | Grid                  |
| <b>Well:</b>     | #703H                            | <b>Survey Calculation Method:</b>   | Minimum Curvature     |
| <b>Wellbore:</b> | OH                               |                                     |                       |
| <b>Design:</b>   | Plan #0.1 RT                     |                                     |                       |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 18,900.0              | 90.00           | 179.62      | 12,510.0              | -6,287.9     | 446.2        | 6,303.4                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,000.0              | 90.00           | 179.62      | 12,510.0              | -6,387.9     | 446.8        | 6,403.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,100.0              | 90.00           | 179.62      | 12,510.0              | -6,487.9     | 447.5        | 6,503.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,200.0              | 90.00           | 179.62      | 12,510.0              | -6,587.9     | 448.1        | 6,602.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,300.0              | 90.00           | 179.62      | 12,510.0              | -6,687.9     | 448.8        | 6,702.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,400.0              | 90.00           | 179.62      | 12,510.0              | -6,787.9     | 449.5        | 6,802.6                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,500.0              | 90.00           | 179.62      | 12,510.0              | -6,887.9     | 450.1        | 6,902.5                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,600.0              | 90.00           | 179.62      | 12,510.0              | -6,987.9     | 450.8        | 7,002.3                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,700.0              | 90.00           | 179.62      | 12,510.0              | -7,087.9     | 451.4        | 7,102.2                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,800.0              | 90.00           | 179.62      | 12,510.0              | -7,187.9     | 452.1        | 7,202.1                 | 0.00                    | 0.00                   | 0.00                  |  |
| 19,900.0              | 90.00           | 179.62      | 12,510.0              | -7,287.9     | 452.8        | 7,301.9                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,000.0              | 90.00           | 179.62      | 12,510.0              | -7,387.9     | 453.4        | 7,401.8                 | 0.00                    | 0.00                   | 0.00                  |  |
| 20,087.1              | 90.00           | 179.62      | 12,510.0              | -7,475.0     | 454.0        | 7,488.8                 | 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         |  |
| KOP(Honey Buzzard 35<br>- plan hits target center<br>- Point  | 0.00          | 0.00         | 12,032.5   | 288.0        | 404.0        | 428,126.00      | 816,504.00     | 32° 10' 25.932 N | 103° 26' 38.395 W |  |
| FTP(Honey Buzzard 35<br>- plan hits target center<br>- Point  | 0.00          | 0.00         | 12,245.2   | 238.0        | 404.0        | 428,076.00      | 816,504.00     | 32° 10' 25.438 N | 103° 26' 38.399 W |  |
| PBHL(Honey Buzzard 35<br>- plan hits target center<br>- Point | 0.00          | 0.00         | 12,510.0   | -7,475.0     | 454.0        | 420,363.00      | 816,554.00     | 32° 9' 9.114 N   | 103° 26' 38.559 W |  |

Lea County, NM (NAD 83 NME)

Honey Buzzard 35 South State Com #703H

Plan #0.1 RT



To convert a Magnetic Direction to a Grid Direction, Add 5.96°  
To convert a Magnetic Direction to a True Direction, Add 6.43° East  
To convert a True Direction to a Grid Direction, Subtract 0.47°

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

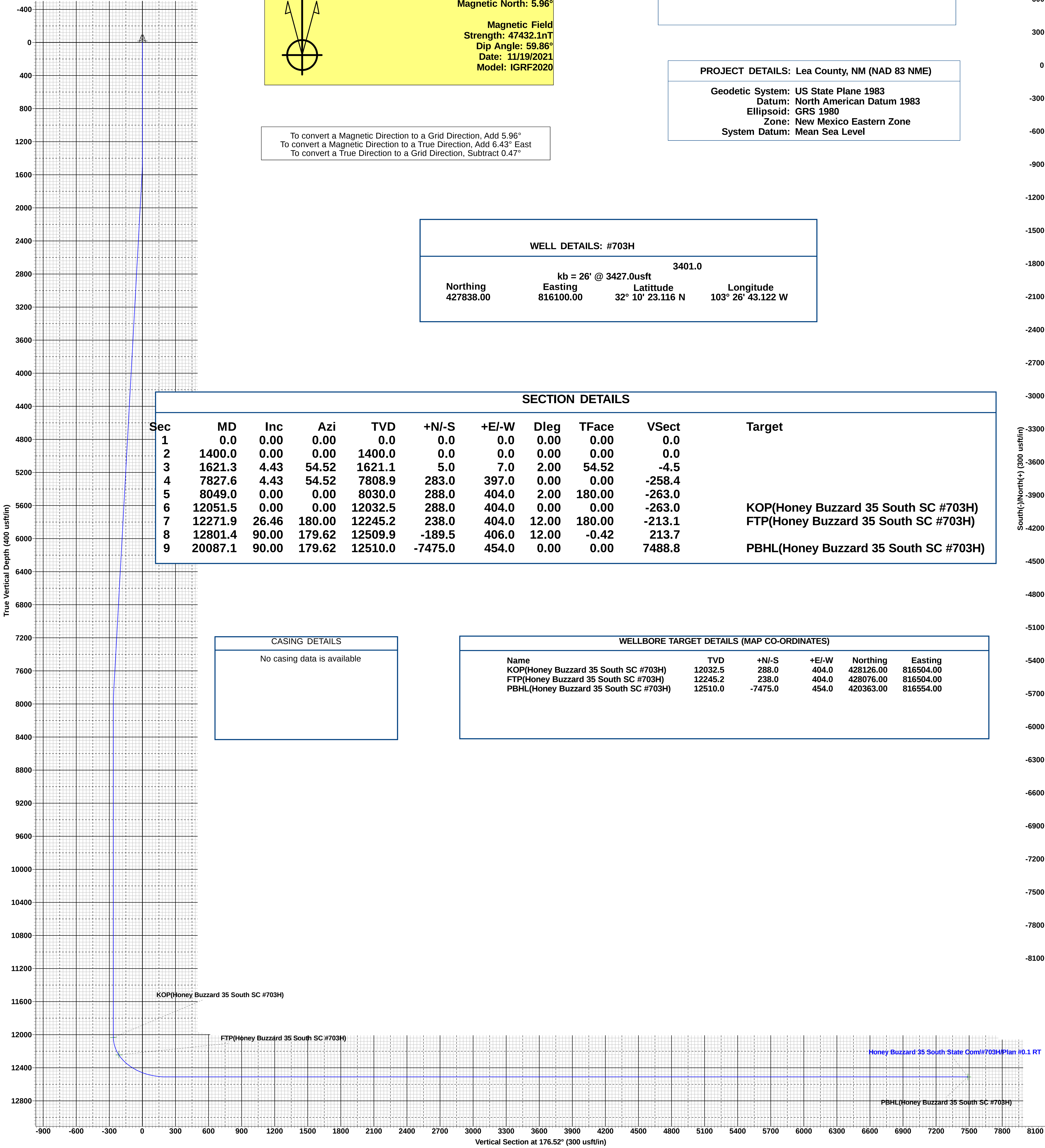
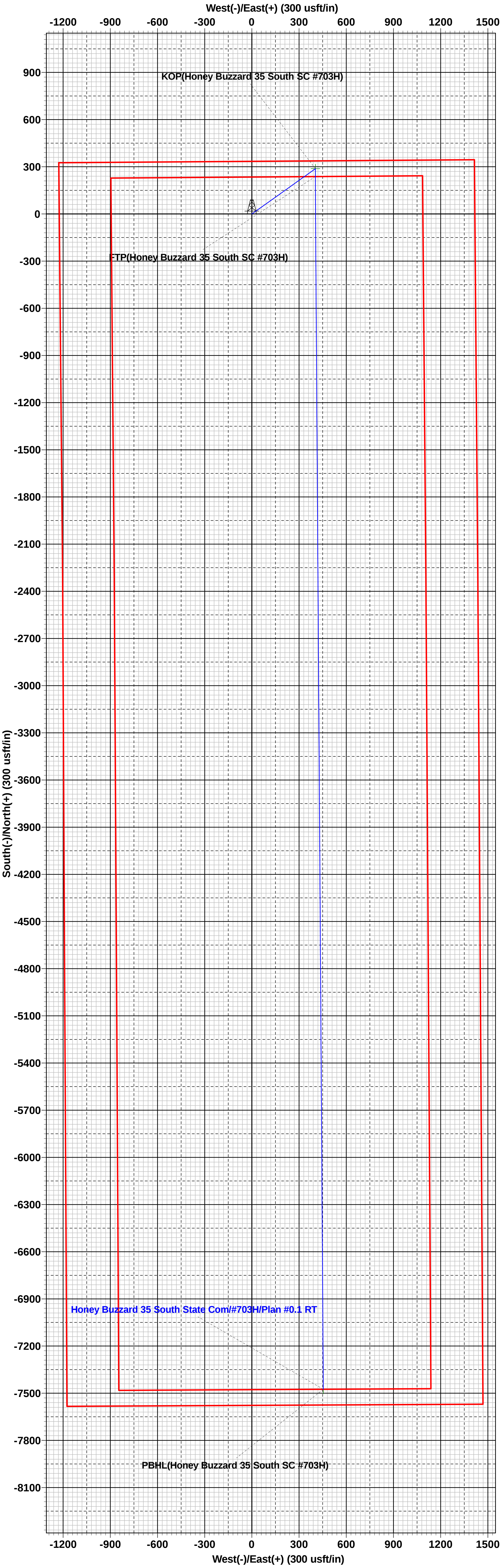
Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: New Mexico Eastern Zone  
System Datum: Mean Sea Level

| WELL DETAILS: #703H   |           |                  |                   |  |
|-----------------------|-----------|------------------|-------------------|--|
| 3401.0                |           |                  |                   |  |
| kb = 26' @ 3427.0usft |           |                  |                   |  |
| Northing              | Easting   | Latitude         | Longitude         |  |
| 427838.00             | 816100.00 | 32° 10' 23.116 N | 103° 26' 43.122 W |  |

| SECTION DETAILS |         |       |        |         |         |       |       |        |        |                                       |
|-----------------|---------|-------|--------|---------|---------|-------|-------|--------|--------|---------------------------------------|
| Sec             | MD      | Inc   | Azi    | TVD     | +N/-S   | +E/-W | Dleg  | TFace  | VSect  | Target                                |
| 1               | 0.0     | 0.00  | 0.00   | 0.0     | 0.0     | 0.0   | 0.00  | 0.00   | 0.0    |                                       |
| 2               | 1400.0  | 0.00  | 0.00   | 1400.0  | 0.0     | 0.0   | 0.00  | 0.00   | 0.0    |                                       |
| 3               | 1621.3  | 4.43  | 54.52  | 1621.1  | 5.0     | 7.0   | 2.00  | 54.52  | -4.5   |                                       |
| 4               | 7827.6  | 4.43  | 54.52  | 7808.9  | 283.0   | 397.0 | 0.00  | 0.00   | -258.4 |                                       |
| 5               | 8049.0  | 0.00  | 0.00   | 8030.0  | 288.0   | 404.0 | 2.00  | 180.00 | -263.0 |                                       |
| 6               | 12051.5 | 0.00  | 0.00   | 12032.5 | 288.0   | 404.0 | 0.00  | 0.00   | -263.0 | KOP(Honey Buzzard 35 South SC #703H)  |
| 7               | 12271.9 | 26.46 | 180.00 | 12245.2 | 238.0   | 404.0 | 12.00 | 180.00 | -213.1 | FTP(Honey Buzzard 35 South SC #703H)  |
| 8               | 12801.4 | 90.00 | 179.62 | 12509.9 | -189.5  | 406.0 | 12.00 | -0.42  | 213.7  |                                       |
| 9               | 20087.1 | 90.00 | 179.62 | 12510.0 | -7475.0 | 454.0 | 0.00  | 0.00   | 7488.8 | PBHL(Honey Buzzard 35 South SC #703H) |

| CASING DETAILS              |
|-----------------------------|
| No casing data is available |

| WELLBORE TARGET DETAILS (MAP CO-ORDINATES) |         |         |       |           |           |
|--------------------------------------------|---------|---------|-------|-----------|-----------|
| Name                                       | TVD     | +N/-S   | +E/-W | Northing  | Easting   |
| KOP(Honey Buzzard 35 South SC #703H)       | 12032.5 | 288.0   | 404.0 | 428126.00 | 816504.00 |
| FTP(Honey Buzzard 35 South SC #703H)       | 12245.2 | 238.0   | 404.0 | 428076.00 | 816504.00 |
| PBHL(Honey Buzzard 35 South SC #703H)      | 12510.0 | -7475.0 | 454.0 | 420363.00 | 816554.00 |



**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 64636

**CONDITIONS**

|                                                                      |                                                      |
|----------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377                                       |
|                                                                      | Action Number:<br>64636                              |
|                                                                      | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| pkautz     | None      | 12/2/2021      |