

Submit 1 Copy To Appropriate District Office

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

State of New Mexico  
Energy, Minerals and Natural Resources

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

Form C-103  
Revised July 18, 2013

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br><b>30-025-45143</b>                                                                 |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.                                                                        |
| 7. Lease Name or Unit Agreement Name<br><b>Hearthrob 17 State</b>                                   |
| 8. Well Number <b>708H</b>                                                                          |
| 9. OGRID Number<br><b>7377</b>                                                                      |
| 10. Pool name or Wildcat<br><b>WC-025 G-09 S243310P; Upper WC</b>                                   |

SUNDRY NOTICES AND REPORTS ON WELLS

(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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator  
**EOG Resources, Inc.**

3. Address of Operator  
**P.O. Box 2267 Midland, TX 79702**

4. Well Location  
Unit Letter **P** **523** feet from the **South** line and **790** feet from the **East** line  
Section **17** Township **24S** Range **33E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3568' GR**

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐ Change SHL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: ☐

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 Resources requests an amendment to our approved APD for this well to reflect a change in SHL.

Change SHL to: 523' FSL & 790' FEL P-17-24S-33E

HOBBS OCD  
SEP 27 2018  
RECEIVED

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 Stan Wagner TITLE **Regulatory Analyst** DATE **9/26/2018**

Type or print name **Stan Wagner** E-mail address: \_\_\_\_\_ PHONE: **432-686-3689**

For State Use Only

APPROVED BY [Signature] TITLE **Petroleum Engineer** DATE **09/28/18**

Conditions of Approval (if any): \_\_\_\_\_

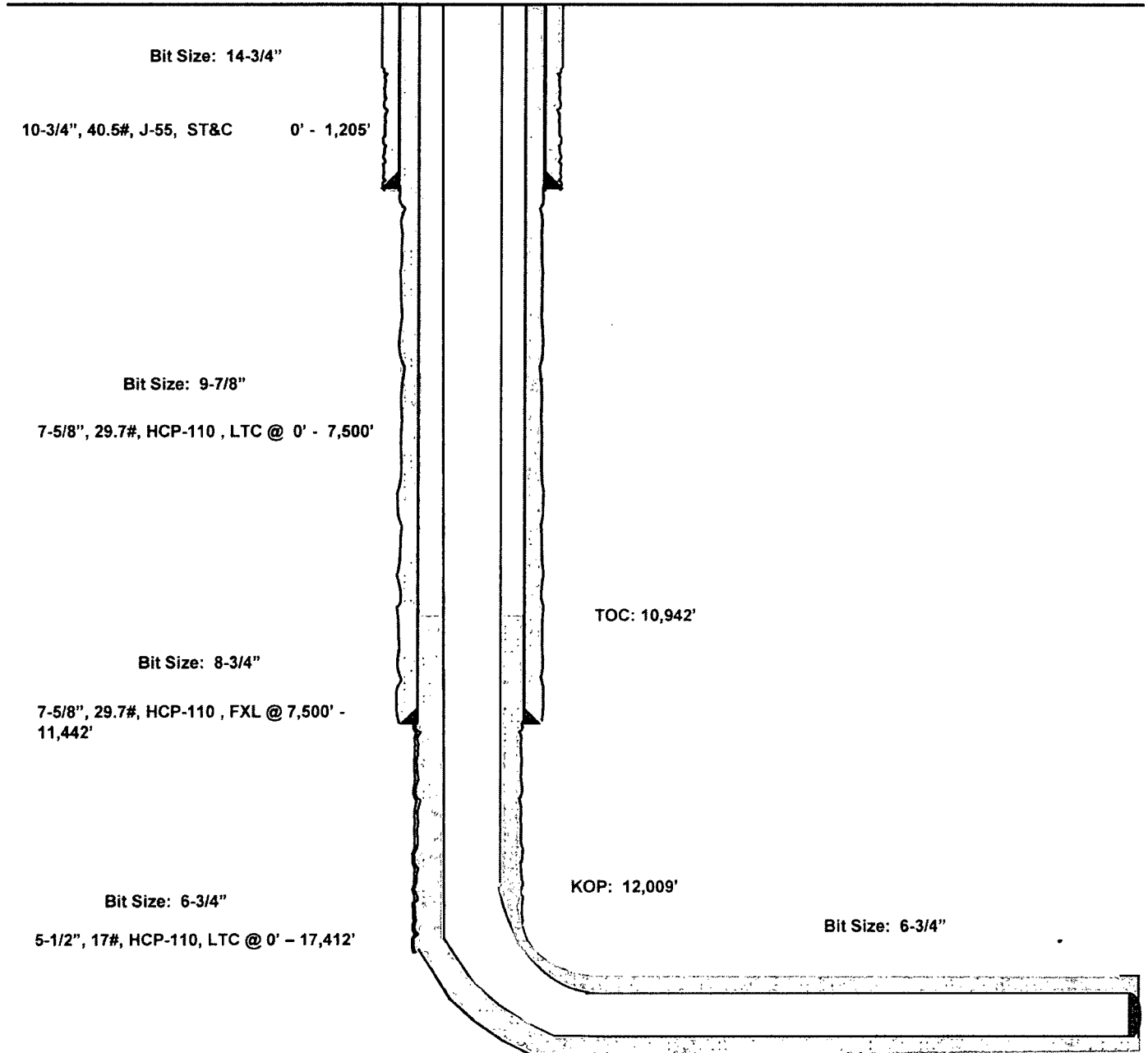
Heartthrob 17 State #708H  
Lea County, New Mexico

523' FSL  
790' FEL  
Section 17  
T-24-S, R-33-E

Revised Wellbore 9/25/18

API: 30-025-45143

KB: 3,593'  
GL: 3,568'



Lateral: 17,412' MD, 12,462' TVD

BH Location: 100' FNL & 330' FEL  
Section 17  
T-24-S, R-33-E

**Revised Permit Information 9/25/18:**

Well Name: Heartthrob 17 State No. 708H

Location:

SL: 523' FSL &amp; 790' FEL, Section 17, T-24-S, R-33-E, Lea Co., N.M.

BHL: 100' FNL &amp; 330' FEL, Section 17, T-24-S, R-33-E, Lea Co., N.M.

**Casing Program:**

| Hole Size | Interval         | Csg OD | Weight | Grade   | Conn | DF <sub>min</sub> Collapse | DF <sub>min</sub> Burst | DF <sub>min</sub> Tension |
|-----------|------------------|--------|--------|---------|------|----------------------------|-------------------------|---------------------------|
| 14.75"    | 0 - 1,205'       | 10.75" | 40.5#  | J55     | STC  | 1.125                      | 1.25                    | 1.60                      |
| 9.875"    | 0 - 7,500'       | 7.625" | 29.7#  | HCP-110 | LTC  | 1.125                      | 1.25                    | 1.60                      |
| 8.75"     | 7,500' - 11,442' | 7.625" | 29.7#  | HCP-110 | FXL  | 1.125                      | 1.25                    | 1.60                      |
| 6.75"     | 0' - 17,412'     | 5.5"   | 17#    | HCP-110 | LTC  | 1.125                      | 1.25                    | 1.60                      |

**Cement Program:**

| Depth   | No. Sacks | Wt. ppg | Yld Ft <sup>3</sup> /sk | Slurry Description                                                                                      |
|---------|-----------|---------|-------------------------|---------------------------------------------------------------------------------------------------------|
| 1,205'  | 400       | 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) |
|         | 300       | 14.8    | 1.34                    | Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate                                |
| 11,442' | 600       | 14.8    | 1.38                    | Class C + 5% Gypsum + 3% CaCl <sub>2</sub> (TOC @ Surface)                                              |
|         | 400       | 14.4    | 1.20                    | 50:50 Class H:Poz + 0.25% CPT20A + 0.40% CPT49 + 0.20% CPT35 + 0.80% CPT16A + 0.25% CPT503P             |
| 17,412' | 800       | 14.2    | 1.31                    | Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 10,942')                          |

**Mud Program:**

| Depth                        | Type        | Weight (ppg) | Viscosity | Water Loss |
|------------------------------|-------------|--------------|-----------|------------|
| 0 - 1,205'                   | Fresh - Gel | 8.6-8.8      | 28-34     | N/c        |
| 1,205' - 11,442'             | Brine       | 8.8-10.0     | 28-34     | N/c        |
| 11,442' - 12,009'            | Oil Base    | 10.0-11.5    | 58-68     | 3 - 6      |
| 12,009' - 17,412'<br>Lateral | Oil Base    | 11.5-14.0    | 58-68     | 3 - 6      |