

**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**

Form C-103  
August 1, 2011  
Permit 148063

|                                                                                                                                                                                                                                     |  |                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------|
| <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 RESERVIOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)                       |  | WELL API NUMBER<br>30-025-40375                              |
| 1. Type of Well: O                                                                                                                                                                                                                  |  | 5. Indicate Type of Lease<br>S                               |
| 2. Name of Operator<br>COG OPERATING LLC                                                                                                                                                                                            |  | 6. State Oil & Gas Lease No.                                 |
| 3. Address of Operator<br>550 W TEXAS, SUITE 1300, MIDLAND, TX 79701                                                                                                                                                                |  | 7. Lease Name or Unit Agreement Name<br>LIGHTNING P-38 STATE |
| 4. Well Location<br>Unit Letter <u>I</u> : <u>1980</u> feet from the <u>S</u> line and <u>330</u> feet from the <u>E</u> line<br>Section <u>1</u> Township <u>21S</u> Range <u>33E</u> NMPM Lea County                              |  | 8. Well Number<br>003H                                       |
| 11. Elevation (Show whether DR, KB, BT, GR, etc.)<br>3752 GR                                                                                                                                                                        |  | 9. OGRID Number<br>229137                                    |
| Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>                                                                                                                                    |  | 10. Pool name or Wildcat                                     |
| Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____<br>Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____ |  |                                                              |

**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 OF PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
Other:

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTER CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐  
CASING/CEMENT JOB ☐  
Other: **Drilling/Cement** ☒

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

3/18/12 TD 7 7/8" pilot hole @ 11780'. TIH to 11500' & pump 43 bbls cmt. WOC. Tag TOC @ 10770'. Drill out to KOP @ 11127'.

4/24/12 TD 7 7/8" lateral hole @ 15279'. Set 5 1/2" 17# P-110 csg @ 15268'. Cmt w/1250 sx Class H. Tailed in w/950 sx. WOC. Ran TS. TOC @ 1980'.

4/27/12 Released rig. 2/23/2012 Spudded well.

**Casing and Cement Program**

| Date     | String | Fluid Type | Hole Size | Csg Size | Weight lb/ft | Grade | Est TOC | Dpth Set | Sacks | Yield | Class | 1" Dpth | Pres Held | Pres Drop | Open Hole |
|----------|--------|------------|-----------|----------|--------------|-------|---------|----------|-------|-------|-------|---------|-----------|-----------|-----------|
| 02/25/12 | Surf   |            | 17.5      | 13.375   | 54.5         | J55   | 0       | 1763     | 1350  |       | C     |         | 1500      | 0         |           |
| 03/09/12 | Int1   |            | 12.25     | 9.625    | 40           | J55   | 0       | 4650     | 2250  |       | C     |         | 1500      | 0         |           |
| 04/26/12 | Prod   |            | 7.875     | 5.5      | 17           | P110  | 1980    | 15268    | 2200  |       | H     |         |           |           |           |

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed TITLE Production Reporting Mgr DATE 5/1/2012

Type or print name Diane Kuykendall E-mail address dkuykendall@conchoresources.com Telephone No. 432-683-7443

**For State Use Only:**

APPROVED BY: Paul Kautz TITLE Geologist DATE 5/2/2012 9:40:24 AM