

**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 140095

|                                                                                                                                                                                                                                                                                                                                         |  |                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------|
| <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>30-015-38971                             |
| 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>ONE CONCHO CENTER , 600 W. ILLINOIS AVENUE , MIDLAND , TX 79701                                                                                                                                                                                                                                               |  | 7. Lease Name or Unit Agreement Name<br>RAPTOR 12 STATE COM |
| 4. Well Location<br>Unit Letter <u>M</u> : <u>400</u> feet from the <u>S</u> line and <u>200</u> feet from the <u>W</u> line<br>Section <u>12</u> Township <u>16S</u> Range <u>28E</u> NMPM <u>Eddy</u> County                                                                                                                          |  | 8. Well Number<br>001H                                      |
| 11. Elevation (Show whether DR, KB, BT, GR, etc.)<br>3533 GR.                                                                                                                                                                                                                                                                           |  | 9. OGRID Number<br>229137                                   |
| Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/><br>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 _____ |  | 10. Pool name or Wildcat<br>See Area 13                     |

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

| NOTICE OF INTENTION TO:                                                                  | SUBSEQUENT REPORT OF:                                                                      |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/>               |
| TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/>    | COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>    | CASING/CEMENT JOB <input type="checkbox"/>                                                 |
| Other: _____                                                                             | Other: <b>Perforations/Tubing</b> <input checked="" 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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  
Please see attachment.  
See Attached

**Perforations**

**Pool: ISHEE LAKE; ABO , 97627 Location: P -12-16S-28E 427 S 341 E**

| TOP  | BOT   | Open Hole | Shots/ft | Shot Size | Material   | Stimulation | Amount  |
|------|-------|-----------|----------|-----------|------------|-------------|---------|
| 6861 | 10648 |           | 0        |           |            | Acid        | 59292   |
| 6861 | 10648 |           | 0        |           | Sand       | Frac        | 1271584 |
| 6861 | 10648 |           | 0        |           | Sand       | Frac        | 187370  |
| 6861 | 10648 |           | 0        |           | Sand/Water | Frac        | 1417443 |

**Tubing**

**ISHEE LAKE; ABO , 97627**

| Tubing Size | Type | Depth Set | Packer Set |
|-------------|------|-----------|------------|
| 2.875       | J55  | 5923      |            |

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 11/16/2011

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

**For State Use Only:**

APPROVED BY: Randy Dade TITLE District Supervisor DATE 8/22/2012 7:13:17 AM

Raptor 12 State Com 1H  
30-015-38971

C103 Completion Attachment

08/30/11 Top of Liner @ 5828

Packer @ 6633

Frac Port @ 6861

Packer @ 7049

Frac Port @ 7232

Packer @ 7416

Frac Port @ 7590

Packer @ 7778

Frac Port @ 8007

Packer @ 8191

Frac Port @ 8375

Packer @ 8560

Frac Port @ 8745

Packer @ 8933

Frac Port @ 9117

Packer @ 9305

Frac Port @ 9533

Packer @ 9721

Frac Port @ 9905

Packer @ 10,093

Frac Port @ 10,276

Packer @ 10,464

Frac Port @ 10,648

Packer @ 10,836

Anchor @ 10,894

POP @ 10,942

09/16/11 Acidize w/ 59,292 gals 20% HCL.

Frac w/1,417,443 gals gel, 1,704,475 gals wtr frac gel , 1,271,584# 30/50 White sand, 187,370# 20/40 Crc sand.

10/07/11 TIH w/ 184 2-7/8" J55 6.5# tbg. EOT @ 5923. RIH w/ ESP pump.

10/08/11 Hang on well.