

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

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

WELL API NO.  
30-015-30912  
Indicate Type of Lease  
STATE ☒ FEE ☐  
State Oil & Gas Lease No.  
E-742

**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  
**COG Operating LLC**

3. Address of Operator  
550 W. Texas Ave., Suite 1300 Midland, TX 79701

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NMOCD ARTESIA

7. Lease Name or Unit Agreement Name  
Mesquite State  
8. Well Number 2  
9. OGRID Number  
229137  
10. Pool name or Wildcat  
Empire; Glorieta Yeso, East 96610

Well Location  
Unit Letter L : 2310 feet from the South line and 990 feet from the West line  
Section 20 Township 17S Range 29E NMPM County Eddy  
11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3639' GR

Pit or Below-grade Tank Application ☐ or Closure ☐  
Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_  
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 PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: Deepening ☒

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.

5/7/10 TIH w/ retainer & set @ 3820. Squeezed off Perfs w/ 300sx C. lead, 300sx C. tail. Test to 2500#, good.  
5/10/10 Drill cmt & new open hole, TD 5/13/10 @ 5438'.  
5/14/10 Run 128jts 4", L80 11.6# @ 5427'. DV tool @ 4266-4269'. Cmt stage w/ 130sx C, circ 85sx.  
5/17/10 Drill out DV tool.  
5/28/10 Pressure test to 5000# for 30min, good.  
6/2/10 Perf Lower Blinbry 5000 - 5200, 1 SPF, 26 holes.  
6/3/10 Acidize w/ 3,500 gals 15% HCL acid. Frac w/ 114,850 gals gel, 149,130# 16/30 Ottawa, 33,721# Siberprop.  
CBP @ 4930'. Perf Middle Blinbry 4700 - 4900, 1 SPF, 24 holes. Acidize w/ 3,600 gals 15% HCL acid.  
Frac w/ 122,163 gals gel, 148,986# 16/30 Ottawa sand, 30,414# Siberprop.  
CBP @ 4630'. Perf Upper Blinbry 4400 - 4600, 1 SPF, 24 holes.  
Acidize w/ 2,420 gals 15% HCL acid. Frac w/ 124,814 gals gel, 145,777# 16/30 Ottawa sand, 36,556# Siberprop.  
6/8/10 Drill out CBP's. PBTD @ 5379'.  
6/10/10 Ran 139 jts of 2-7/8" J55, 6.5# tbg, SN @ 4166'.  
6/11/10 RIH w/ 2-1/2 x 2 x 20' pump.  
6/14/10 Turn to production.

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 C. Jackson TITLE Agent for COG DATE 7/1/10

Type or print name Chasity Jackson E-mail address: cjackson@conchoresources.com Telephone No. 432-686-3087  
**For State Use Only**

APPROVED BY: [Signature] TITLE Geobry DATE 7/12/2010  
Conditions of Approval (if any):