

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. 30-015-30940
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No. E-742
7. Lease Name or Unit Agreement Name Mesquite State
8. Well 8
9. OGRID Number 229137
10. Pool name or Wildcat Empire; Glorieta-Yeso, East 96610

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

Well Location

Unit Letter E : 1650 feet from the North 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.)  
3642 RKB

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: Deepen Well & Add Perfs ☒

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.

03-21-08 MIRU.  
03-24-08 POOH w/pump, rods & tbgs. RIH w/Cmt Retainer & set @ 3805'.  
03-25-08 Squeeze Paddock Perfs w/300-sxs Class C w/2% CaCl, 3pps gilsonite. Did not squeeze. Sting out & reverse clean. Squeeze w/200 sxs Class C w/2% CaCl & 3 pps gilsonite. Squeeze to 2000 pi. Stung out of retainer & reversed out 11 bbls. cmt.  
03-26-08 Drill out cement to retainer @ 3805'.  
03-27-08 Drill cement to 3896'. Circ hole clean.  
03-28-08 Drld out cmt from 3896' to 4,158' & fell out of cmt. Tested csg to 500 psi, held good. Drld out float collar, cmt & shoe. Drld new formation from 4340' to 4350'. Circ hole clean.  
03-29-08 Drld new formation from 4350' to 5465'.  
04-08-08 Ran 124 jts 4", 11.3#, L80 ULTFJ csg. Set @ 5465'. DV tool @ 4215.30. Cmt w/80 sxs Class C cmt. Bump plug @ 10:45 pm. Drop bomb, open DV tool, circ 33 sxs cmt off DV tool. Drop plug & close DV tool  
04-09-08 Tag DV tool @ 4217'. Drill out DV tool. Circ hole clean. RIH & tag PBTD @ 5418'. TOC @ 4228.  
04-17-08 Perf @ 4980'-5180', 2 SPF, 42 holes.

See Additional Information Attached

Thereby 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 Carol Ann Lance TITLE Regulatory Analyst DATE 5/02/2008

Type or print name Carol Ann Lance E-mail address: clance@conchoresources.com Telephone No. 432-685-4395  
**For State Use Only**

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

Accepted for record - NMOCD

**Mesquite State #8**  
**API#: 30-015-30940**  
**EDDY, NM**

**C-103 (13) ADDITIONAL INFORMATION**

- 04-19-08 Acidize w/2500 gal 15% HCL. Spearhead w/3500 gal 15% HCL Frac w/61,680 gal 22# Lightning; 69,100# 16/30 Ottawa; 22,500# SiberProp; Flush w/1000 gal 15% HCL, 1500 gal linear gel. RIH w/Composit plug & set @ 4930'. Perf @ 4700'-4900', 2 SPF, 32 holes. Acidize w/2500 gal acid. Spearhead w/2000 gal 15% HCL. Frac w/62,892 gal 22# Lightning; 66,929# 16/30; 27,313# 16/30 SiberProp; Flush w/1000 gal 15% HCL, 1302 gal linear gel. RIH w/ CBP & set @ 4650'. Perf @ 4420'-4620', 2 SPF, 32 holes. Acidize w/2500 gal 15% HCL. Spearhead 1500 gal 15% HCL. Frac w/62,248 gal 22# Lightning; 62,758# 16/30 Ottawa; 17,142# 16/30 SiberProp. Flush w/2167 gal linear gel.
- 04-22-08 Drill out plug @ 4930'. Drill out plug @ 4650'.
- 04-23-08 Back off @ 4228', 4" csg right on top of DV tool.
- 04-25-08 RIH w/126 jts 2 7/8" tbg, SN @ 4185.35. RIH w/2-1/2x1-1/2x16' Andrews pump. Hang well on.
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