

District I
5 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

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



WELL API NO. 30-015-30037
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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

7. Lease Name or Unit Agreement Name

Mesquite State

8. Well 1

9. OGRID Number
229137

10. Pool name or Wildcat
Empire; Glorieta-Yeso, East 96610

Well Location
Unit Letter L : 1650 feet from the South line and 330 feet from the West line
Section 20 Township 17S Range 29E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3658' KB

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 and Addition of Yeso 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.

03-06-08 MIRU.
03-07-08 POOH w/pump, rods & tbg.
03-08-08 RIH w/cmt. retainer & set @ 3806'. Pumped 300 sxClass C w/2%CaCal2, 1/4# celloflake & 3 pps gilsonite.Squeeze off Perfs.
03-10-08 Drld out cement & retainer, fell to 3812'. Circ. Hole clean.
03-11-08 Drld out cmt f/3812'-4131'. Circ hole clean.
03-12-08 Drld cmt to 4158'. Drld float collar, cmt. & shoe. Drilled new formation f/4218'-4229'. Circ hole clean.
03-18-08 Drilled new formation to 5470'.
03-19-08 RIH w/125 jts 4", 11.3#, L80 ULTFJ csg. Set @ 5463.60'. DV tool @ 4187.97'. Cmt. w/150 sxs Class C w/additives. Plug down @ 4:15 pm, CST. Opened DV tool & circ'd 100 sxs off DV tool. Close DV tool.
03-20-08 Drld out DV tool & circ clean. Cleaned out to PBTB @ 5380'. Spot 500 gals. 10% acetic acid @ 5380'.
04-07-08 Perf @ 5020'-5220', 2 SPF, 42 holes.
04-08-08 Acidize w/2500 gal 15% HCL. Spearhead 2500 gal 15% HCL. Frac w/42,717 gal silverstem 21; 44,774# 16/30 BASF; Flush w/2406 gal linear gel. RIH w/BP & set @ 4970'. Perf @ 4740'-4940', 2 SPF, 32 holes. Acidize w/2500 gal 15% HCL. Spearhead w/2500 ga 15% HCL. Frac w/71,199 gal SilverStem LT 21; 75,878# 16/30 BASF; 30,040# Crc 16/30; Flush w/3100 gal linear gel. RIH w/BP & set @ 4710'. Perf @ 4650' - 2 holes, 4610' - 2 holes, 4570' - 2 holes.
04-10-08 Acidize w/1500 gal 15% HCL. RIH w/Pkr & set @ 4484'.
04-15-08 Release Pkr & POOH.

See Attachment

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 Carol Ann Lance TITLE Regulatory Analyst DATE 05/20/2008

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 #1
API#: 30-015-30037
EDDY, NM**

C-103 (13) ADDITIONAL INFORMATION

- 04-18-08 Perf @ 4570'-4650', 2 SPF, 26 holes. (note: 6 holes were shot previously, 32 holes total).**
- 04-21-08 Acidize w/ 2500 gal 15% acid. Frac w/ 30,000 gal. SilverStem 21; 36,780# 16/30 white sand; 11,177# CRC. Flush w/base gel. RIH w/BP & set @ 4550'. Perf @ 4390'-4490', 2 SPF, 32 holes. Acidize w/2500 gal 15% acid. Frac w/26,000 gal. SilverStem 21; 36,520# 16/30 white sand; 10,000# CRC. Flush w/base gel.**
- 04-28-08 Drill out plugs @ 4550', 4710', & 4970'. Wash out sand to PBTD @ 5384.**
- 05-02-08 Back off 4" @ 4200'.**
- 05-05-08 RIH w/137 jts 2 7/8" tbg, SN @ 4138'.**
- 05-06-08 RIH w/ 2-1/2x1-1/2x16' pump & rods. Hang well on.**