

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.

**30-015-37505**

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

**Firecracker State**

8. Well Number

**4**

9. OGRID Number

**229137**

10. Pool name or Wildcat

**96210**

**Empire; Glorieta-Yeso**

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**

4. Well Location

Unit Letter **P** : **990'** feet from the **South** line and **330'** feet from the **East** line  
Section **14** Township **17S** Range **28E** NMPM County **EDDY**

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

**3640' 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: **12 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: **Change casing program** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

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.

COG Operating LLC respectfully requests permission to change the casing program to:

Type	Hole Size	Casing Type	Casing Weight/ft.	Setting Depth	Sacks of Cement	Est	TOC
Surf	17.5	13.375	48	250	300	0	
Inter	11 or 12-1/4	8.625	24	850	400	0	
Prod	7.875	5.50	17	5400	900	0	

COG proposes to drill 17-1/2" hole to 250' w/ fresh water mud system, wt. 8.5, vis 28, set 13-3/8" casing & cement to surface. Drill 11" or 12-1/4" hole to 850' w/ brine mud system, wt 10, vis 30, set 8-5/8" casing & cement to surface. Drill 7 7/8" hole to 5400' w/ cut brine mud system, wt 9.1, vis 29-32, test Yeso formation and run 5 1/2" casing and cement to surface.

Note: On production string, a fluid caliper will be run, COG will attempt to circulate cement.

RECEIVED

NOV 10 2010

NMOCD ARTESIA

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 Robyn M. Odom TITLE Regulatory Analyst DATE 11-09-2010

Type or print name Robyn M. Odom E-mail address: rodom@conchoresources.com Telephone No. 432-685-4385

For State Use Only

APPROVED BY: David Gray TITLE Field Supervisor DATE 11-15-10

Conditions of Approval (if any):

cement must be circulated on surf. csg.