

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

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.)		WELL API NO. 30-025-22597
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD		5. Indicate Type of Lease FEDERAL STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator COG Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701		7. Lease Name or Unit Agreement Name BATE FEDERAL
4. Well Location Unit Letter C : 330' feet from the North line and 1980' feet from the West line Section 35 Township 19S Range 33E NMPM County Lea		8. Well Number 3
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3604' KB		9. OGRID Number 229137
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Maljamar GB SA
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 ☐

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: **Run 5" casing** ☒

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.

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 Phyllis A. Edwards TITLE Regulatory Analyst DATE 12/14/2007

Type or print name **Phyllis A. Edwards** E-mail address: **clance@conchoresources.com** Telephone No. **432-685-4340**
For State Use Only

APPROVED BY: Chris Williams TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE DEC 17 2007

Conditions of Approval (if any):

Needs to be on federal sundry notice call next time.

Bate Federal #3

330' FNL, 1,980' FWL

Sec 35 T19S R33E

Lea County, New Mexico

The 4-1/2" liner in the Bates Federal #3 has holes that require remediation. COG plans to mill up liner and run a new string of 5" casing from TD to surface and cement same from TD to surface. This work will allow COG the ability in the future to run a string of 3-1/2" tubing whereas we were unable to with the 4-1/2" liner. The 3-1/2" tubing will allow greater injectivity due to lower friction pressure. Running a new string of 5" casing from TD to surface will provide for greater protection than just squeezing the liner.

Procedure

1. MIRU WSU. Set frac tank. RU reverse unit.
2. ND wellhead. NU 3K BOP.
3. Release inflatable packer. LD PC tubing. Send packer to Weatherford.
4. PU 6 1/4" shoe and 90' of 6" washpipe,
5. Pick-up/tally N-80 2 7/8" workstring.
6. Tag liner top and wash over 4 1/2" liner'
7. Recover casing as necessary.
8. PU shoe and wash pipe and clean out/remove liner to 3,514'
9. Condition hole, assuming full circulation. Pump fluid caliper and calculate openhole volume.
10. PU 5" 13#/ft J-55 casing string. Run float shoe, 10' jt csg, float collar, if full circulation. Float equipment and cement design will alter with partial or zero returns. Cement to surface. WOC 24 hrs.
11. PU 4-1/4" bit, collars, 2 7/8" tbg. Drill out/clean out to 3,514'.
12. RU wireline, perforate w 3 1/8" slick guns 4 jspf from 3,484' to 3,512' 28', 112 shots.
13. Acidize if necessary with 3,000 gallons 15% Iron control HCl.
14. PU 5" packer, PC 2 7/8" tbg. Set packer @ 3,400'.
15. Notify OCD of intent to perform MIT test. Perform MIT test. Send results to OCD.
16. Rig up and resume injection.