

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. 30-015-37497
Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Myox 31 State Com
8. Well Number 13H
9. OGRID Number 229137
10. Pool name or Wildcat WC; Bonespring

Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
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 _____

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 P : 660' feet from the ° South line and 330' feet from the East line
Section 31 Township 25S Range 28E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3020'

RECEIVED
DEC 28 2010
NMOCD ARTESIA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 perform a surface squeeze of the 9-5/8" x 5-1/2" annulus in order to not perforate production casing which would prevent the completion of this well in a manner that would maximize production and reserves. These completions require the ability to pump down casing at high rates and pressures and perforating the production pipe in the vertical section would prevent the necessary rates to achieve diversion into the perf clusters during the frac job.

See Attached procedure

SIGNATURE C Jackson TITLE Regulatory Analyst DATE 12/28/2010
Type or print name Chasity Jackson E-mail address: cjackson@conchoresources.com PHONE: 432-686-3087
For State Use Only

APPROVED BY: David Gray TITLE Field Supervisor DATE 12-28-10
Conditions of Approval (if any):

On subsequent report - include new TOC.

COG

Myox 31 State Com 13H
Eddy County, NM
30-015-37497

Current Scenario

9-5/8" @ 2131'. Circ cmt to surface

5-1/2" @ 11052' MD. DV @ 5915'. Circ cmt stage 1. TOC @ 2950' via Temp Survey for stage 2.

Rigged up to pressure test backside.

Attempt to pressure up. Pump 1 bpm at 1175 psi. Pump total of 5 bbls.

Shut down.

ISIP pressure was 125 psi.

2 min csg pressure was 0 psi.

Currently running scraper to clean up DV while waiting on orders.

Proposed Scenario

RU cementers.

Mix and pump the following:

Pump 500 gals of fresh water, 500 gals of Flochek, 1000 gals of fresh water, 100 sx of C + 2% CaCl₂, 400 sx Halliburton Light + 2% CaCl₂ + 3-5 pps Gilsonite, 100 sxs Class C + 3% CaCl₂.

Top off as needed with Class C + 3% CaCl₂

Annular volume = 932 ft³ assuming 10% excess inside casing x casing annulus and 35% excess inside casing x OH annulus

RD Cementers.

Continue to prep well for completion.