

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. 30-015-35242
Indicate Type of Lease LEASE <input checked="" type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.

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.)		7. Lease Name or Unit Agreement Name STATE S-19
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Number 31
2. Name of Operator COG Operating LLC		9. OGRID Number 229137
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701		10. Pool name or Wildcat EMPIRE; YESO 96210
4. Well Location Unit Letter L : 1650' feet from the South line and 330' feet from the West line Section 19 Township 17S Range 29E NMPM County EDDY		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3670' GR		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input checked="" type="checkbox"/>		
Pit type DRILLING Depth to Groundwater 115' Distance from nearest fresh water well 1000' Distance from nearest surface water 1000'		
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: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: **Completion** ☒

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.

5-08-07 Perf Yeso w/ 2 SPF @ 4788' - 5068' (42 holes).
5-09-07 Acidize w/ 2000 gals acid.
5-10-07 Frac w/ 76,994 gals 30 / 40# gel, 8,000# LiteProp, 50,620# 16/30 sand.
5-11-07 Perf Yeso w/ 2 SPF @ 4349' - 4659' (54 holes).
5-14-07 Acidize w/ 2500 gals acid.
5-15-07 Frac w/ 95,096 gals 30 / 40# gel, 8,011# LiteProp, 76,756# 16/30 sand.
5-16-07 RIH w/ 160 jts 2-7/8" J55 tbg, SN @ 5082'. RIH w/ 2-1/2" x 2" x 16' pump.

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 Edwards TITLE Regulatory Analyst DATE 6-1-07

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

FOR RECORDS ONLY

APPROVED BY: _____ TITLE _____ DATE **JUN 05 2007**
Conditions of Approval (if any): _____



PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

Month of
May 2007
OCD - ARTESIA, NM

May 8, 2007

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: State S-19 #31
330' FSL & 430' FWL
Sec. 19, T17S, R29E
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

<u>DEPTH</u>	<u>DEVIATION</u>	<u>DEPTH</u>	<u>DEVIATION</u>
152'	3/4°	2691'	1/2°
448'	1 1/2°	2943'	1/2°
626'	1 3/4°	3411'	1°
949'	3/4°	3938'	1 3/4°
1167'	1/2°	4063'	1 1/4°
1603'	1°	4440'	1 1/2°
1854'	3/4°	4807'	1°
2257'	1°	5121'	1 1/4°

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 8th day of May, 2007.

Notary Public