

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. <b>30-015-35767</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Houma State</b>
8. Well Number <b>4</b>
9. OGRID Number <b>229137</b>
10. Pool name or Wildcat <b>96718</b> <b>LOCO HILLS; GLORIETA-YESO</b>

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**

**JAN 29 2008**

**OCD-ARTESIA**

3. Address of Operator

**550 W. Texas Ave., Suite 1300**

**Midland, TX 79701**

4. Well Location

Unit Letter **E** : **2310** feet from the **North** line and **990** feet from the **West** line  
Section **16** Township **17S** Range **30E** NMPM County **EDDY**

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

**3680' GR**

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type **DRILLING** Depth to Groundwater **110'** 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.

11-16-07 Perf Yeso w/ 2 SPF @ 5540 – 5740, 48 holes. Acidize w/ 4956 gals acid.  
Frac w/ 65,772 gals gel, 93,183# 16/30 sand. Set composite plug at 5400.  
Perf w/ 2 SPF @ 5140 - 4340. 36 holes Acidize w/ 3948 gals acid.  
Frac w/ 66,444 gals gel, 87,246# 16/30 sand. Set composite plug at 5110.  
Perf w/ 2 SPF @ 4880 - 5080. 36 holes. Acidize w/ 2520 gals acid.  
Frac w/ 62,076 gals gel, 84,002# 16/30 sand.

11-20-07 Flowing from 4880 -5080. We will go back to drill out composite plugs.

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 Kanicia Carrillo TITLE **Regulatory Analyst** DATE **01-28-08**

Type or print name **Kanicia Carrillo** E-mail address: **kcarrillo@conchoresources.com** Telephone No. **432-685-4332**

For State Use Only

**FOR RECORDS ONLY**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any): \_\_\_\_\_

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
 Permit 59620

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-35767	2. Pool Code 96718	3. Pool Name LOCO HILLS; GLORIETA-YESO
4. Property Code 302505	5. Property Name HOUMA STATE	6. Well No. 004
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3680

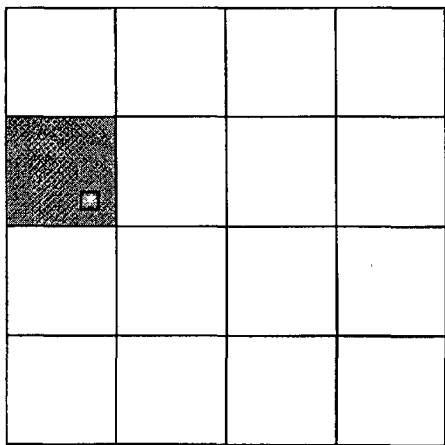
**10. Surface Location**

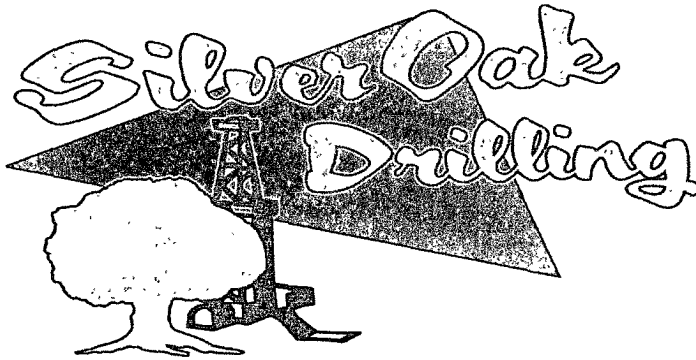
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	16	17S	30E		2310	N	990	W	EDDY

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00		13. Joint or Infill		14. Consolidation Code			15. Order No.		

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>E-Signed By: Diane Kuykendall        Title: Regulatory Analyst        Date: 8/21/2007</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Surveyed By: Ronald Eidson        Date of Survey: 8/1/2007        Certificate Number: 3239</p>
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PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

November 15, 2007

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

RE: Houma State #4  
2310' FNL & 990' FWL  
Sec. 16, T17S, R30E  
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>
522.00	1.00	3101.00	1.00
829.00	0.75	3480.00	0.75
1115.00	1.00	3800.00	0.50
1340.00	0.00	4100.00	0.75
1444.00	0.50	4402.00	1.00
1711.00	1.00	4721.00	1.00
2017.00	0.50	5021.00	0.25
2336.00	0.75	5325.00	0.75
2600.00	0.50	5621.00	0.75
2843.00	0.75		

Very truly yours,

Eddie LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 15<sup>th</sup> day of November, 2007.

  
Notary Public