

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 4 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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



Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.

30-015-35256

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER BACK RESVR. ☐ OTHER

2. Name of Operator

COG Operating LLC

3. Address of Operator

550 W. Texas Ave., Suite 1300 Midland, TX 79701

7. Lease Name or Unit Agreement Name

Houma State

8. Well No.

003

9. Pool name or Wildcat

Loco Hills; Glorieta Yeso 96718

4. Well Location

Unit Letter **E** : **1450** Feet From The **North** Line and **330** Feet From The **West** Line

Section **16** Township **17S** Range **30E** NMPM **Eddy** County

10. Date Spudded
4/11/07

11. Date T.D. Reached
4/21/07

12. Date Compl. (Ready to Prod.)
5-16-07

13. Elevations (DF& RKB, RT, GR, etc.)
3672 GR

14. Elev. Casinghead

15. Total Depth
6,035

16. Plug Back T.D.
6,012

17. If Multiple Compl. How Many
Zones?

18. Intervals
Drilled By

Rotary Tools
X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
4755' - 5617' Yeso

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run

CN / HNGS, Micro CFL / HNGS

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	414	17 1/2	930 sx	
8 5/8	24	1370	12 1/4	800 sx	
5 1/2	17	6026	7-7/8	1600 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5623'	

26. Perforation record (interval, size, and number)

CHANGE THIS WHEN YOU GET MACK WELL HISTORY

4755' - 4859' 2 SPF, 22 holes OPEN
4973' - 5272' 2 SPF, 60 holes OPEN
5375' - 5617' 2 SPF, 24 holes OPEN

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4755' - 4859'	See attachment
4973' - 5272'	See attachment
5375' - 5617'	See attachment

28. PRODUCTION

Date First Production 5-19-07		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 20' pump			Well Status (Prod. or Shut-in) Producing	
Date of Test 5-23-07	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 26	Gas - MCF 40	Water - Bbl. 40
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 38.8

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Mark Brewer

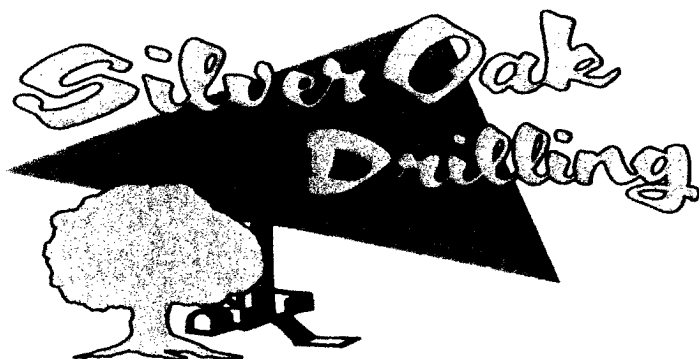
30. List Attachments

Logs, C102, C103, Deviation Report, C104

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature *Phyllis A. Edwards*
Printed Name

Phyllis A. Edwards Title Regulatory Analyst Date 5/31/07
E-mail Address pedwards@conchoresources.com



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

2007
OCD - ARIZONA, N.M.

April 30, 2007

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

RE: Houma State #3
1650' FNL & 330' 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>
184'	1/2°	2983'	1°
620'	1°	3433'	1°
1035'	1°	3976'	1 1/4°
1352'	1/2°	4412'	1 1/4°
1632'	1/2°	4888'	1°
2093'	3/4°	5333'	1 1/4°
2543'	1°	5778'	3/4°

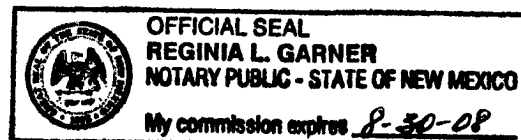
Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 30th day of April, 2007.

Notary Public



District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Grande Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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 42437

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-35256	2. Pool Code 96718	3. Pool Name LOCO HILLS; Paddock
4. Property Code 302505	5. Property Name HOUMA STATE	6. Well No. 003
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3672

10. Surface Location

UL - Lot E	Section 16	Township 17S	Range 30E	Lot 1/4 1450	N/S Line N	Feet From 330	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot 1/4	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

OPERATOR CERTIFICATION

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.

E-Signed By: Diane Kuykendall

Title: Regulatory Analyst

Date: 11/29/2006

SURVEYOR CERTIFICATION

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.

Surveyed By: Gary Eidson

Date of Survey: 11/13/2006

Certificate Number: 12641

HOUMA STATE #3
API#: 30-015-35256
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4755' - 4859'	Acidize w/ 2000 gals acid.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4973' - 5272'	Acidize w/ 2500 gals acid.
	Frac w/ 89,813 gals gel, 8019# LiteProp,
	and 89,920# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5375' - 5617'	Acidize w/ 2000 gals acid.
	Frac w/ 87,389 gals gel, 8032# LiteProp,
	& 90,900# 16/30 sand.