

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 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.

30-015-35242

06. 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

STATE S-19

8. Well No.

31

9. 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

10. Date Spudded
4/16/2007

11. Date T.D. Reached
4/29/07

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

13. Elevations (DF& RKB, RT, GR, etc.)
3670' GR

14. Elev. Casinghead

15. Total Depth

5505

16. Plug Back T.D.

5485

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

4349' - 5068' 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#	295	17-1/2	325	
8-5/8	24#	792	12-1/4	600	
5-1/2	17#	5498	7-7/8	1550	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5082	

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

4349' - 4569' - 2 SPF, 54 holes
4788' - 5068' - 2 SPF, 42 holes

Open
Open

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

4349' - 4569' See attachment

4788' - 5068' 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 16' pump

Well Status (Prod. or Shut-in)

Producing

Date of Test

5-27-07

Hours Tested

24

Choke Size

Prod'n For Test Period

Oil - Bbl

88

Gas - MCF

186

Water - Bbl.

193

Gas - Oil Ratio

2113

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

41.0

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 Edwards

Printed

Name Phyllis Edwards

Title Regulatory Analyst

Date 6/1/07

E-mail Address pedwards@conchoresources.com