

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 8240
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.

30-015-34868

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 RESV. ☐ 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

Harper State

8. Well No.

007

9. Pool name or Wildcat

Loco Hills; Glorieta Yeso 96718

4. Well Location

Unit Letter N : 990 Feet From The South Line and 2310 Feet From The West Line

Section 16 Township 17S Range 30E NMPM Eddy County

10. Date Spudded
7/27/06

11. Date T.D. Reached
8/9/06

12. Date Compl. (Ready to Prod.)
8-30-06

13. Elevations (DF& RKB, RT, GR, etc.)
3674 GR

14. Elev. Casinghead

15. Total Depth

5,980

16. Plug Back T.D.

5,962

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

4833' - 5733.5' 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	450	17 1/2	680 sx	
8 5/8	32	1223	12 1/4	800 sx	
5 1/2	17	5,980	7-7/8	1300 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5,753	

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

4833' - 4,987.5' 2 SPF, 22 holes OPEN
5084 - 5280 2 SPF, 46 holes OPEN
5418 - 5733.5 2 SPF, 66 holes OPEN

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4,833' - 4,987.5'	See attachment
5,084' - 5,280'	See attachment
5,418' - 5,733.5'	See attachment

28. PRODUCTION

Date First Production

9-5-06

Production Method (Flowing, gas lift, pumping - Size and type pump)

2-1/2 x 2 x 24' pump

Well Status (Prod. or Shut-in)

Producing

Date of Test

9-7-06

Hours Tested

24

Choke Size

Prod'n For
Test Period

Oil - Bbl

60

Gas - MCF

125

Water - Bbl.

337

Gas - Oil Ratio

2083

Flow Tubing
Press.

Casing Pressure

Calculated 24-
Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

39.0

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

Sold

Test Witnessed By

Mark Brewer

30. List Attachments

Logs, 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 10/10/06

E-mail Address pedwards@conchoresources.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 2083	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 2487	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2797	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4232	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. <u>Morrow</u>	T. Wingate	T.
T. Wolfcamp	T. Yeso 4324	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2. from.....to.....

No. 4. from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from to feet.

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology