

Submit To Appropriate District Office
State Lease - Copies
Fee Lease - 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.

30-015-34873

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. ☐

2. Name of Operator

COG Operating LLC

3. Address of Operator

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

4. Well Location

Unit Letter **O** : **990** Feet From The **South** Line and **1650** Feet From The **East** Line

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

10. Date Spudded

8/24/06

11. Date T.D. Reached

9/8/06

12. Date Compl. (Ready to Prod.)

9-29-06

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

3761 GR

14. Elev. Casinghead

15. Total Depth

6,055

16. Plug Back T.D.

6,031

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

X

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

4908.5' - 5763.5' 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	415	17 1/2	555 sx	
8 5/8	24	1,246	12 1/4	700 sx	
5 1/2	17	6,044	7-7/8	1650 sx	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5,773	

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

4,908.5' - 5,243' 2 SPF, 52 holes OPEN
5,323' - 5,520.5' 2 SPF, 54 holes OPEN
5,622.5' - 5,763.5' 2 SPF, 48 holes OPEN

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4908.5 - 5243	See attachment
5323 - 5520.5	See attachment
5622.5 - 5763.5	See attachment

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
10-2-06		2-1/2 x 2 x 20' pump			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-9-06	24			165	270	362	1636
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, 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 11/17/06

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 2091	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 2490	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2800	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4265	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 4337	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. 2, from.....to.....

No. 3, 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

S

IMPERIAL STATE #7
API#: 30-015-34873
EDDY, NM



C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4908.5 - 5243	Acidize w/ 2500 gals acid.
	Frac w/ 32,500 gals 30# gel, 53,000 gals 40#
	gel, 8028# LiteProp, and 91,260# 16/30 sand

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5323 - 5520.5	Acidize w/ 2500 gals acid.
	Frac w/ 32,500 gals 30# gel, 53,000 gals 40#
	gel, 8012# LiteProp, and 92,500# 16/30 sand

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5622.5 - 5763.5	Acidize w/2500 gals acid.
	Frac w/ 92,450 gals gel, 8612# Lite Prop,
	90,301# 16/30 sand.