

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.
30-025-39837

5. Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

1b. 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 100 Midland, TX 79701

4. Well Location
Unit Letter A : 990 Feet From The North Line and 990 Feet From The East Line
Section 16 Township 17S Range 32E NMPM Lea County

10. Date Spudded
3/20/11

11. Date T.D. Reached
4/1/11

12. Date Compl. (Ready to Prod.)
4/21/11

13. Elevations (DF& RKB, RT, GR, etc.)
4078' GR

14. Elev. Casinghead

15. Total Depth
7020

16. Plug Back T.D.
6970

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By
Rotary Tools
Cable Tools
X

19. Producing Interval(s), of this completion - Top, Bottom, Name
5550 - 6810 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	662	17 1/2	550	
8 5/8	32	2152	11	600	
5 1/2	17	7010	7 7/8	1150	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	6705	

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

5550 - 5675	1 SPF, 26 holes	OPEN
6050 - 6250	1 SPF, 26 holes	OPEN
6330 - 6530	1 SPF, 26 holes	OPEN
6610 - 6810	1 SPF, 26 holes	OPEN

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5550 - 5675	See attachment
6050 - 6250	See attachment
6330 - 6530	See attachment
6610 - 6810	See attachment

28. PRODUCTION

Date First Production
4/27/11

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
4/29/11

Hours Tested
24

Choke Size

Prod'n For Test Period

Oil - Bbl
70

Gas - MCF
181

Water - Bbl.
782

Gas - Oil Ratio
2586

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)
37.5

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

Test Witnessed By
Kent Greenway

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
Netha Aaron

Printed Name
Netha Aaron

Title
Regulatory Analyst

Date
5/11/2011

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 2242	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 3210	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3981	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 5444	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. _____
T. Blinebry	T. Gr. Wash	T. Morrison	T. _____
T. Tubb 6925	T. Delaware Sand	T. Todilto	T. _____
T. Drinkard	T. Bone Spring	T. Entrada	T. _____
T. Abo	T. Morrow	T. Wingate	T. _____
T. Wolfcamp	T. Yeso 5523	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

Leaker CC State #23
API#: 30-025-39837
Lea, NM

HOBBS OCD

MAY 13 2011

RECEIVED

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5550 - 5675	Acidized w/ 4575 gals acid.
	Frac w/ 112,769 gals gel, 118,829# 20/40 White
	Sand, 21,444# 20/40 Super LC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6050 - 6250	Acid w/ 4096 gals acid.
	Frac w/ 127,410 gals gel, 150,646# 20/40 White
	Sand, 34,211# 20/40 Super LC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6330 - 6530	Acidize w/ 3,500 gals acid.
	Frac w/ 124,962 gals gel, 149,889# 20/40 White
	Sand, 31,667# 20/40 Super LC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6610 - 6810	Acidize w/ 3676 gals acid.
	Frac w/ 125,006 gals gel, 147,952# 20/40 White
	Sand, 31,949# 20/40 Super LC