

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM-074935

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

2. Name of Operator
COG Operating Company LLC

3. Address
550 W. Texas, Suite 1300 Midland, TX 79701

3a. Phone No. (include area code)
(432) 685-4395

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 750' FSL & 990' FWL, Unit M

At top prod. interval reported below

At total depth

14. Date Spudded
12/03/2006

15. Date T.D. Reached
12/19/2006

16. Date Completed
☐ D & A ☒ Ready to Prod.
1-26-07

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Electra Federal #10

9. API Well No.
30-015-34845

10. Field and Pool, or Exploratory
Loco Hills; Glorieta Yeso

11. Sec., T., R., M., on Block and
Survey or Area 10, T17S, R30E,

12. County or Parish
Eddy

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
3696' GL

Month - Year
MAR - 8 2007
OCD - ARTESIA, NM

18. Total Depth: MD 6000
TVD

19. Plug Back T.D.: MD 5974
TVD

20. Depth Bridge Plug Set: MD None
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CCL, Micro CFL/HNGS

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	48#		415		880 sxs CL C		1" to Surf.	
12 1/4	8 5/8	24#		1381		1180 sx CL C		1" to Surf.	
7 7/8	5 1/2	17#		5986		1610 sx CL C		Circ.	Circ. 180 sxs

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	5833							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Paddock			4898' - 5231.5'	2 SPF	70	Open
B) Paddock			5338' - 5549.5'	2 SPF	56	Open
C) Paddock			5635' - 5824.5	2 SPF	54	Open
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4898' - 5231.5'	Acidize w/1600 gals. 15% NEFE. Frac w/85,000 gals. gel; 8000# LiteProp; 75,860# 16/30 & 16,040# SiberProp RC 16/30 sand.
5338' - 5549.5'	Frac w/85,000 gals. gel; 8011# LiteProp; 74,800# 16/30 white sand & 15,640# 16/30 Resin Coated sand
5635' - 5824.5	Acidize w/1500 gals 15% NEFE. Frac w/ 85,000 gals gel; 8000# LiteProp; 75,060# 16/30 sand & 15,260# SiberProp RC 16/30 sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/02/07	2/05/07	24	→	25	82	200	39.1		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

MAR 6 2007

WESLEY W. INGRAM
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Yates	1268				
7 Rivers	1567				
Queen	2171				
Grayburg	2563				
San Andres	2897				
Glorieta	4357				
Yeso	4436				

32. Additional remarks (include plugging procedure):

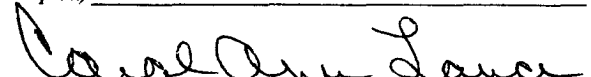
33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Carol Ann LanceTitle Regulatory Analyst

Signature

Date 02/19/2007

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.