

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB - 5 2009

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM074935

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-685-4332		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot D 330FNL 330FWL 32.84075 N Lat, 103.96778 W Lon At top prod interval reported below Lot D 330FNL 330FWL 32.84075 N Lat, 103.96778 W Lon At total depth Lot C 339FNL 2253FWL			8. Lease Name and Well No. ELECTRA FEDERAL 24		
14. Date Spudded 07/05/2008			15. Date T.D. Reached 10/18/2008		
16. Date Completed ☐ D & A ☒ Ready to Prod. 11/20/2008			9. API Well No. 30-015-36272		
18. Total Depth: MD 9600 TVD 7801			19. Plug Back T.D.: MD 9570 TVD		
20. Depth Bridge Plug Set: MD TVD			10. Field and Pool, or Exploratory WILDCAT; ABO		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON			11. Sec., T., R., M., or Block and Survey or Area Sec 15 T17S R30E Mer		
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			12. County or Parish EDDY		
			13. State NM		
			17. Elevations (DF, KB, RT, GL)* 3688 GL		

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
17.500	13.375 H40	48.0	0	444		655		0	0
11.000	8.625 J55	32.0	0	1625		650		0	0
7.875	5.500 L80	17.0	0	8107		1400		0	0
4.750	2.875 L80	6.5	8008	9569					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7227	8048						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ABO	8113	9570	8113 TO			FRAC PORT OPEN
B)			8368 TO			FRAC PORT OPEN
C)			8716 TO			FRAC PORT OPEN
D)			9033 TO 9570			FRAC PORT OPEN

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

Depth Interval	Amount and Type of Material
8113 TO 9570	ACIDIZE W/71 BBLS ACID.
8113 TO 9570	FRAC W/3318 BBLS GEL, 113,908# 16/30 SAND.
8368 TO 9570	ACIDIZE W/71 BBLS ACID.
8368 TO 9570	FRAC W/3060 BBLS GEL, 92,717# 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
11/27/2008	11/29/2008	24	→	70.0	81.0	452.0	39.1	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	70	70.0	→					POW	

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	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #66162 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Accepted for record
NMOC

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.)
SOLD

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	1536		DOLOMITE & SAND	DOLOMITE & SAND	1536
QUEEN	2141		SAND	SAND	2141
SAN ANDRES	2854		DOLOMITE & ANHYDRITE	DOLOMITE & ANHYDRITE	2854
GLORIETA	4300		SAND & DOLOMITE	SAND & DOLOMITE	4300
ABO	6520		DOLOMITE & ANHYDRITE & SHALE	DOLOMITE & ANHYDRITE & SAND	6520

32. Additional remarks (include plugging procedure):
Logs will be mailed.

Tubing record continued...

Packer 8,589'
Packer 8,937'
Packer 9,342'

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):

Electronic Submission #66162 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 01/08/2009

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Additional data for transaction #66162 that would not fit on the form

32. Additional remarks, continued

Acid, Fracture, Treatment, Cement Squeeze etc. continued...

8716 Acidize w/71 bbls acid.

8716 Frac W/2566 bbls gel, 53,522# 16/30 sand.

9033 Acidize w/71 bbls acid.

9033 Frac w/2964 bbls gel, 89,422# 16/30 sand.

9570 Acidize w/71 bbls acid.

9570 Frac w/3063 bbls gel, 93,087# 16/30 sand.