

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 18 2008

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 LLC
Contact: KANICIA CARRILLO
E-Mail: kcarrillo@conchoresources.com

3. Address 550 W TEXAS AVE SUITE 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)*
Sec 19 T17S R32E Mer NMP
At surface NWNE 330FNL 2310FEL
At top prod interval reported below
At total depth

5. Lease Serial No.
NMLC029405A

6. Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
BC FEDERAL 04

9. API Well No.
30-025-35481-00-S1

10. Field and Pool, or Exploratory
MALJAMAR

11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T17S R32E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
03/31/2001

15. Date T.D. Reached
08/27/2008

16. Date Completed
☐ D & A ☒ Ready to Prod.
09/17/2008

17. Elevations (DF, KB, RT, GL)*
4019 GL

18. Total Depth: MD 6990
TVD

19. Plug Back T.D.: MD 6944
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DLL CNL/FDC COMPENSATEDNEUT

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

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0		661		550		0	0
12.250	9.625 J55	36.0		2101		800		0	0
8.750	7.000 J55	26.0		5582		700		0	0
4.750	4.000 P110	11.3		6982		275		0	50
17.500	13.370 H-40	48.0	0	661		550		0	
12.250	9.625 K-55	40.0	0	2101		800		0	

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	5438		2.375	5508				

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5496	5504	5496 TO 5504	0.000	4	1 JSPF
B) YESO	6500	6700	5496 TO 5504	0.000	36	OPEN
C)			5900 TO 6100	0.000	36	OPEN
D)			6200 TO 6400	0.000	36	OPEN

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

Depth Interval	Amount and Type of Material
5496 TO 5504	Gallons 15% Acid
5496 TO 5504	ACIDIZE W/2,500 GALS 15% ACID.
5496 TO 5505	Gallons 15% Acid
5900 TO 6100	ACIDIZE W/2,500 GALS ACID. FRAC W/121,170 GALS GEL, 150,481# 16/30 OTTAWA SAND, 25,146# SIBERPROP.

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
09/22/2008	09/30/2008	24	→	75.0	52.0	65.0	38.9		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	
	SI		→	75	52	65	693	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
09/22/2008	09/30/2008	24	→	75.0	52.0	65.0	38.9		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	
	SI		→	75	52	65		POW	

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

ELECTRONIC SUBMISSION #64522 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

BUREAU OF LAND MANAGEMENT
MIDLAND FIELD OFFICE

ACCEPTED FOR RECORD
NOV 15 2008
[Signature]
K2

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
QUEEN SAN ANDRES PADDOCK	2973 3732 5496	5504		QUEEN SAN ANDRES GLORIETTA PADDOCK	2973 3732 5250 5330

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

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 #64522 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 11/06/2008 (09KMS0149SE)**

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature _____ (Electronic Submission)

Date 11/06/2008

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #64522 that would not fit on the form

23. Casing and Liner Record, continued

Hole Size	Size/Grade	Wt. (#/ft.)	Top(MD)	Btm(MD)	Stg Cmnr	Sx, Type Cmnr	Slurry Vol	Cement Top	Amt Pulled
8.750	7.000 J-55	26.0	0	5582		700		1350	

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
6500 TO 6700	0.000	48	OPEN

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

Depth Interval	Amount and Type of Material
6200 TO 6400	ACIDIZE W/3,500 GALS ACID. FRAC W/123,181 GALS GEL, 153,513# 16/30 OTTAWA SAND, 30,302# SIBERPROP.
6500 TO 6700	ACIDIZE W/3,500 GALS ACID. FRAC W/128,119 GALS GESL, 153,561# 16/30 OTTAWA SAND, 32,738# SIBERPROP.