

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 22 2008

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029405A

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

6. Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLC

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

8. Lease Name and Well No
BC FEDERAL 16

3. Address 550 WEST TEXAS AVE STE 1300
MIDLAND, TX 79701

3a. Phone No (include area code)
Ph 432-685-4332

9. API Well No
30-025-38724

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

At surface Lot B 330FNL 1650FEL 32 82639 N Lat, 103.80207 W Lon

At top prod interval reported below Lot B 330FNL 1650FEL 32 82639 N Lat, 103.80207 W Lon

At total depth Lot B 330FNL 1650FEL 32 82639 N Lat, 103.80207 W Lon

10. Field and Pool, or Exploratory
MALJAMAR;YESO, WEST

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

12. County or Parish
LEA

13. State
NM

14. Date Spudded
06/04/2008

15. Date T.D. Reached
06/19/2008

16. Date Completed
☐ D & A ☒ Ready to Prod
07/11/2008

17. Elevations (DF, KB, RT, GL)*
3963 GL

18. Total Depth MD
TVD 7017

19. Plug Back T.D.: MD
TVD 6950

20. Depth Bridge Plug Set MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUTRON CCL

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		623		700		0	150
11 000	8 625 J55	32.0		2158		700		0	198
7.875	5.500 L80	17.0		7017		1100		0	35

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	5793							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) YESO	5900	6100	5900 TO 6100	0.410	36	OPEN
B) YESO	6180	6380	6180 TO 6380	0.410	36	OPEN
C) YESO	6450	6650	6450 TO 6650	0.410	48	OPEN
D)						

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

Depth Interval	Amount and Type of Material
5900 TO 6100	ACIDIZE W/2,500 GALS ACID FRAC W/120,000 GALS GEL, 162,307# 20/40 SAND, 42,290# CRC SAND
6180 TO 6380	ACIDIZE W/2,500 GALS ACID FRAC W/117,000 GALS GEL, 153,345# 20/40 SAND, 30,000# CRC SAND
6450 TO 6650	ACIDIZE W/2,500 GALS ACID FRAC W/116,000 GALS GEL, 153,349# 20/40 SAND, 30,000# CRC 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
07/13/2008	07/18/2008	24	→	118.0	336.0	262.0	38.3		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	
			→					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 #62429 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

KZ

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 7 RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA YESO TUBB	2161 2518 3124 3496 3847 5368 5467 6944				

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 #62429 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name (please print) KANICIA CARRILLO

Title PREPARER

Signature _____ (Electronic Submission)

Date 08/20/2008

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

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