

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010OCT 19 2010
HOBBSOC

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: NATALIE KRUEGER
E-Mail: nkrueger@conchoresources.com

3. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701-4287 3a. Phone No. (include area code)
Ph: 432-231-0300

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENE Lot A 990FNL 330FEL 32.82458 N Lat, 103.79777 W Lon
At top prod interval reported below NENE Lot A 990FNL 330FEL 32.82458 N Lat, 103.79777 W Lon
At total depth NENE Lot A 990FNL 330FEL 32.82458 N Lat, 103.79777 W Lon

5. Lease Serial No.
NMLC029405A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
BC FEDERAL 46

9. API Well No.
30-025-39611-00-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
08/16/2010 15. Date T.D. Reached
08/25/2010 16. Date Completed
☐ D & A ☒ Ready to Prod.
09/29/2010

17. Elevations (DF, KB, RT, GL)*
3967 GL

18. Total Depth: MD 6910 TVD
19. Plug Back T.D.: MD 6846 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	700		650		0	0
11.000	8.625 J55	32.0	0	2089		600		0	0
7.875	5.500 L80	17.0	0	6909		1350		0	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	6592							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLINEBRY			5322 TO 5480	0.000	24	OPEN
B) PADDOCK			5860 TO 6060	0.000	26	OPEN
C)			6130 TO 6330	0.000	26	OPEN
D)			6400 TO 6600	0.000	26	OPEN

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

Depth Interval	Amount and Type of Material
5322 TO 5480	ACID W/ 2500 GALS ACID, FRAC W/ 117347 GALS GEL, 131001# 16/30 OTTOWA SAND, 17874# 16/30 SIBERPROP
5860 TO 6060	ACID W/ 2500 GALS ACID, FRAC W/ 125406 GALS GEL, 144930# 16/30 OTTOWA SAND, 34185# 16/30 SIBERPROP
6130 TO 6330	ACID W/ 2500 GALS ACID, FRAC W/ 123025 GALS GEL, 142280# 16/30 OTTOWA SAND, 31202# 16/30 SIBERPROP
6400 TO 6600	ACID W/ 2500 GALS ACID, FRAC W/ 126097 GALS GEL, 144800# 16/30 OTTOWA SAND, 35729# 16/30 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
10/04/2010	10/04/2010	24	→	250.0	381.0	449.0	37.7		ACCEPTED FOR RECORD ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	70	70.0	→	250	381	449	1524	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
			→						OCT 17 2010 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #94915 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

FEB 16 2011

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 QUEEN SAN ANDRES GLORIETTA YESO TUBB	2003 2978 3751 5233 5320 6776		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE		

32. Additional remarks (include plugging procedure):

Logs will be sent via mail.

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 #94915 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by CHERYLE RYAN on 10/15/2010 (11CMR0019SE)

Name (please print) NATALIE KRUEGER

Title PREPARER

Signature (Electronic Submission)

Date 10/15/2010

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 **