

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OGD
MAY 25 2011
RECEIVED

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. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
COG OPERATING LLC
Contact: NETHA AARON
E-Mail: aaaron@conchoresources.com

8. Lease Name and Well No.
BC FEDERAL 53

3. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701-4287
3a. Phone No. (include area code)
Ph: 432-818-2319

9. API Well No.
30-025-39612-00-S1

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

10. Field and Pool, or Exploratory
MALJAMAR

At surface Sec 20 T17S R32E Mer NMP
NENE 738FNL 73FEL

11. Sec., T., R., M., or Block and Survey
or Area Sec 20 T17S R32E Mer NMP

At top prod interval reported below
Sec 20 T17S R32E Mer NMP
At total depth NENE 382FNL 346FEL

12. County or Parish
LEA
13. State
NM

14. Date Spudded
03/08/2011

15. Date T.D. Reached
03/17/2011

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/11/2011

17. Elevations (DF, KB, RT, GL)*
4042 GL

18. Total Depth: MD 7121 TVD 7092
19. Plug Back T.D.: MD 7050 TVD 7021
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 H-40	48.0	0	845		1200		0	
11.000	8.625 J-55	32.0	0	2113		600		0	
7.875	5.500 L-80	17.0	0	7111		1100		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	6688							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5480	5650	5480 TO 5650	1.000	23	OPEN, Paddock
B) BLINEBRY	6560	6760	6020 TO 6220	1.000	26	OPEN, Upper Blinebry
C)			6290 TO 6490	1.000	26	OPEN, Middle Blinebry
D)			6560 TO 6760	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5480 TO 5650	ACIDIZED W/3000 GALS 15% HCL
5480 TO 5650	FRAC W/116,090 GALS GEL, 122,003# 16/30 OTTAWA SAND, 25,231# 16/30 SIBERPROP
6020 TO 6220	ACIDIZE W/3500 GALS 15% HCL
6020 TO 6220	FRAC W/126,015 GALS GEL, 141,950# 16/30 OTTAWA SAND, 35,322# 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
04/20/2011	04/20/2011	24	→	83.0	183.0	288.0	36.0	0.60	BUREAU OF LAND MANAGEMENT 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	→	83	183	288		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. SI	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 #107888 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OCB Hobbs

RECEIVED FOR RECORD
MAY 15 2011

[Signature]

[Signature] JUN 09 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 SAN ANDRES GLORIETTA YESO TUBB	2128 3876 5397 5464 6917		DOLOMITE & SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	YATES SAN ANDRES GLORIETTA YESO TUBB	2128 3876 5397 5464 6917

32. Additional remarks (include plugging procedure):

44. Acid, Fracture, Treatment, Cement Squeeze, etc. CONTINUED....

6290 - 6490 Acidized w/3500 gals 15% HCL
6290 - 6490 Frac w/126,048 gals gel, 147,278# 16/30 Ottawa sand,
39,294# 16/30 SiberProp

6560 - 6760 Acidized w/3500 gals 15% HCL

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 #107888 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by KURT SIMMONS on 05/12/2011 (11KMS0700SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 05/10/2011

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 ****

Additional data for transaction #107888 that would not fit on the form

32. Additional remarks, continued

6560 - 6760 Frac w/128,469 gals gel, 148,290# 16/30 Ottawa sand,
33,259# 16/30 SiberProp

LOGS WILL BE MAILED