

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG MAY 25 2011

5. Lease Serial No.
NMLC029405A1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Bitt. Resvr.
Other _____

RECEIVED

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 513. Address 550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701-42873a. Phone No. (include area code)
Ph: 432-818-23199. API Well No.
30-025-39469-00-S1

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

Sec 19 T17S R32E Mer NMP

At surface SENW 1565FNL 2130FWL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory
MALJAMAR11. Sec., T., R., M., or Block and Survey
or Area Sec 19 T17S R32E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
03/05/201115. Date T.D. Reached
03/15/201116. Date Completed
☐ D & A ☒ Ready to Prod.
04/06/201117. Elevations (DF, KB, RT, GL)*
3950 GL18. Total Depth: MD 7049
TVD 704919. Plug Back T.D.: MD 6993
TVD 699320. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATEDNEUT22. 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	692		600		0	
11.000	8.625 J-55	32.0	0	2145		600		0	
7.875	5.500 L-80	17.0	0	7039		1050		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	6548							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5330	5480	5330 TO 5480	1.000	26	OPEN, Paddock
B) BLINEBRY	6450	6650	5910 TO 6110	1.000	26	OPEN, Upper Blinebry
C)			6180 TO 6380	1.000	26	OPEN, Middle Blinebry
D)			6450 TO 6650	1.000	26	OPEN, Lower Blinebry

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

Depth Interval	Amount and Type of Material
5330 TO 5480	ACIDIZED W/4128 GALS 15% HCL
5330 TO 5480	FRAC W/117,761 GALS GEL, 129,458# 20/40 OTTAWA SAND, 21,051# 20/40 SLC
5910 TO 6110	ACIDIZE W/3613 GALS 15% HCL
5910 TO 6110	FRAC W/123,667 GALS GEL, 145,926# 20/40 OTTAWA SAND, 28,015# 20/40 SLC

MAY 15 2011

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
04/18/2011	04/18/2011	24	→	30.0	50.0	118.0	37.7	0.60	
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	→	30	50	118		POW	

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE
ELECTRIC PUMPING UNIT

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 #108089 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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	1996 3702 5227 5279 6763		DOLOMITE & SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE DOLOMITE & ANHYDRITE	YATES SAN ANDRES GLORIETTA YESO TUBB	1996 3702 5227 5279 6763

32. Additional remarks (include plugging procedure):

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

6180 - 6380 Acidized w/3500 gals 15% HCL
6180 - 6380 Frac w/124,512 gals gel, 143,919# 20/40 Ottawa sand,
31,011# 20/40 SLC

6450 - 6650 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 #108089 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 (11KMS0715SE)

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 05/11/2011

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 #108089 that would not fit on the form

32. Additional remarks, continued

6450 - 6650 Frac w/125,147 gals gel, 142,821# 20/40 Ottawa sand,
29,743# 20/40 SLC

LOGS WILL BE MAILED