

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCD

OCT 31 2011

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

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 ☐ Diff. Resvr.  
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No

2. Name of Operator  
COG OPERATING LLCContact NETHA AARON  
E-Mail: oaaron@conchoresources.com8. Lease Name and Well No.  
BC FEDERAL 13. Address 550 WEST TEXAS SUITE 100  
MIDLAND, TX 797013a. Phone No. (include area code)  
Ph 432-818-23199. API Well No  
30-025-34733

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

At surface Lot C 330FNL 1575FWL

At top prod interval reported below Lot C 330FNL 1575FWL

At total depth Lot C 330FNL 1575FWL

10. Field and Pool, or Exploratory  
MALJAMAR; YESO, WEST11. Sec., T., R., M., or Block and Survey  
or Area Sec 20 T17S R32E Mer12. County or Parish  
LEA13. State  
NM14. Date Spudded  
10/18/199915. Date T.D. Reached  
08/01/201116. Date Completed  
☐ D & A ☒ Ready to Prod.  
09/02/201117. Elevations (DF, KB, RT, GL)\*  
3990 GL18. Total Depth MD 7008  
TVD 700819. Plug Back T D MD 6948  
TVD 694820. Depth Bridge Plug Set MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
SPECTRAL GAMMA RAY DUAL SPACED NEUTRON22. 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 K55	54.5	0	317		350		0	
12.250	8.625 K55	24.0	0	2128		700		0	
7.875	5.500 J55	17.0	0	5898		1140		0	
6.125	4.000 L80	11.6	0	6997		120		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	5922							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) BLINEBRY	5950	6750	5950 TO 6150	1.000	24	OPEN
B)			6250 TO 6450	1.000	24	OPEN
C)			6550 TO 6750	1.000	26	OPEN
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
5950 TO 6150	ACIDIZE W/2500 GALS 15% HCL ACID
5950 TO 6150	FRAC W/123,462 GALS GEL, 139,342# 16/30 OTTAWA SAND, 33,690# 16/30 SIBERPROP
6250 TO 6450	ACIDIZE W/ 3500 GALS 15% HCL ACID
6250 TO 6450	FRAC W/ 124,482 GALS GEL, 146,863# 16/30 OTTAWA SAND, 29,738# 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
09/12/2011	09/12/2011	24	→	55.0	79.0	101.0	36.6	0.60	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	
	70	70.0	→					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 #119985 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

ATK 19 2012

**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
RUSTLER SALT TOP TANSILL YATES SAN ANDRES GLORIETA YESO	702 867 1927 2028 3782 5254 5324		ANHYDRITE SALT DOLOMITE DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE	RUSTLER SALT TOP TANSILL YATES SAN ANDRES GLORIETA YESO	702 867 1927 2028 3782 5254 5324

**32 Additional remarks (include plugging procedure)**

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

6550 - 6750 Acidize w/ 3500 gals 15% HCL acid  
6550 - 6750 Frac w/ 124,459 gals gel, 146,036# 16/30 Ottawa, 30,149# 16/30 SiberProp

**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 #119985 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs**

Name (please print) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 10/12/2011

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #119985 that would not fit on the form**

**32. Additional remarks, continued**

LOGS WILL BE MAILED