

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMLC031844

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: CHASITY JACKSON  
E-Mail: cjackson@concho.com

8. Lease Name and Well No.  
SHINER BOCK 1 FEDERAL COM 8H

3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE  
MIDLAND, TX 79701  
3a. Phone No. (include area code)  
Ph: 432-686-3087

9. API Well No.  
30-015-42015

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

At surface SWSW 990FSL 150FWL  
At top prod interval reported below SWSW 990FSL 150FWL  
At total depth SESE 381FSL 409FEL

10. Field and Pool, or Exploratory  
FREN  
11. Sec., T., R., M., or Block and Survey  
or Area Sec 1 T17S R31E Mer NMP  
12. County or Parish  
EDDY  
13. State  
NM

14. Date Spudded  
05/28/2014  
15. Date T.D. Reached  
06/08/2014  
16. Date Completed  
☐ D & A ☒ Ready to Prod.  
07/25/2014

17. Elevations (DF, KB, RT, GL)\*  
3997 GL

18. Total Depth: MD 10048  
TVD 5431  
19. Plug Back T.D.: MD 9930  
TVD 9930  
20. Depth Bridge Plug Set: MD  
TVD

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

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 J55	54.5		793		625			
12.250	9.625 J55	40.0		2095		650			
7.875	5.500 L80	17.0		10015		2100			

**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	4804							

**25. Producing Intervals**

**26. Perforation Record**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5722	9914	5722 TO 9914	0.430	468	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5722 TO 9914	ACIDIZE W/51,211 GALS 15% ACID. FRAC W/1,510,540 GALS GEL, 275,523 GALS TREATED WATER
5722 TO 9914	74,140 GALS WATER FRAC, 3,082,838# 20/40 BROWN, 617,877# 20/40 CRC.

**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
07/26/2014	08/06/2014	24	→	514.0	704.0	3005.0	36.9	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	
			→	514	704	3005	1370	PDW	

**28a. Production - Interval B**

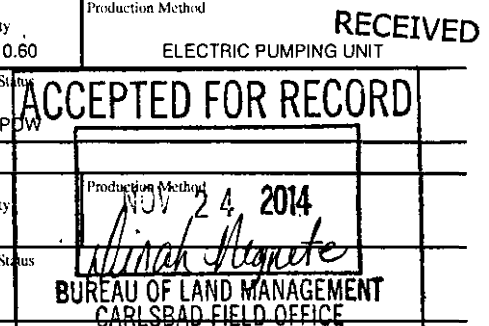
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #258324 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE DATE: 1/26/2015



*CP*

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.)  
FLARED

30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
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.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	707	1944	ANHYDRITE	RUSTLER	707
SALT	889		SALT	SALT	889
YATES	2044		SANDSTONE	YATES	2044
QUEEN	2988		SANDSTONE & DOLOMITE	QUEEN	2988
GRAYBURG	3415		SANDSTONE & DOLOMITE	GRAYBURG	3415
SAN ANDRES	3703		DOLOMITE & LIMESTONE	SAN ANDRES	3703

32. Additional remarks (include plugging procedure):  
Will mail log.

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 #258324 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by DINAH NEGRETE on 11/22/2014 ()

Name(please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 08/26/2014

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 \*\***