

District I
1625 N. French Dr., Hobbs, NM 88240
District II
81 First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC One Concho Center 600 W. Illinois Ave. Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW Effective 7/25/14
⁴ API Number 30 - 015-42015	⁵ Pool Name Fren; Glorieta-Yeso, East	⁶ Pool Code 97213
⁷ Property Code 40368	⁸ Property Name Shiner Bock 1 Federal Com	⁹ Well Number 8H

II. ¹⁰ Surface Location

UL or lot no. M	Section 1	Township 17S	Range 31E	Lot Idn	Feet from the 990	North/South Line South	Feet from the 150	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. P	Section 1	Township 17S	Range 31E	Lot Idn	Feet from the 381	North/South line South	Feet from the 409	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 7/25/14	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	HollyFrontier Refining & Marketing, LLC	O
36785	dep Midstream	G
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IV. Well Completion Data

²¹ Spud Date 5/28/14	²² Ready Date 7/25/14	²³ TD 10,048MD 5431TVD	²⁴ PBTD 9930	²⁵ Perforations 5722 - 9914	²⁶ DHC, MC
²⁷ Hole Size 17-1/2	²⁸ Casing & Tubing Size 13-3/8	²⁹ Depth Set 793	³⁰ Sacks Cement 625sx		
12-1/4	9-5/8	2095	650sx		
7-7/8	5-1/2	10015	2100sx		
	2-7/8 tbg	4804			

V. Well Test Data

³¹ Date New Oil 7/26/14	³² Gas Delivery Date 7/26/14	³³ Test Date 8/6/14	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil 514	³⁹ Water 3005	⁴⁰ Gas 704		⁴¹ Test Method P

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

C Jackson

Printed name:

Chasity Jackson

Title:

Regulatory Analyst

E-mail Address:

cjackson@concho.com

Date:

7/14/14

Phone:

432-686-3087

OIL CONSERVATION DIVISION

Approved by:

T. C. Shepard

Title:

"Geologist"

Approval Date:

9-5-14

Pending BLM approvals will
subsequently be reviewed
and scanned

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Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC0318441a. 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.com8. Lease Name and Well No.
SHINER BOCK 1 FEDERAL COM 8H3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE
MIDLAND, TX 79701 3a. Phone No. (include area code)
Ph: 432-686-30879. 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
FREN11. Sec., T., R., M., or Block and Survey
or Area Sec 1 T17S R31E Mer NMP12. County or Parish
EDDY 13. State
NM14. Date Spudded
05/28/201415. Date T.D. Reached
06/08/201416. Date Completed
☐ D & A ☒ Ready to Prod.
07/25/201417. Elevations (DF, KB, RT, GL)*
3997 GL18. Total Depth: MD 10048
TVD 543119. Plug Back T.D.: MD 9930
TVD 993020. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUTRON CCL/HNGS22. 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	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	
			→						

Pending BLM approvals will
subsequently be reviewed
and scanned
TOSOIL CONSERVATION
ARTESIA DISTRICT

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

ELECTRONIC SUBMISSION #258324 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERA

SUBMITTED **

AUG 29 2014

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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):

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	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

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.

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