

NM OIL CONSERVATION  
ARTESIA DISTRICT  
JUN 30 2014

NM OIL CONSERVATION  
ARTESIA DISTRICT  
JUN 30 2014

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.  
NMLC029415B

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.  
PUCKETT 12 FEDERAL 28H

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

9. API Well No.  
30-015-41445-00-S1

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

At surface NENE 210FNL 445FEL 32.855760 N Lat, 103.815460 W Lon

At top prod interval reported below NENE 210FNL 445FEL

At total depth SESE 373FSL 346FEL

10. Field and Pool, or Exploratory  
FREN

11. Sec., T., R., M., or Block and Survey  
or Area Sec 12 T17S R31E Mer NMP

12. County or Parish  
EDDY  
13. State  
NM

14. Date Spudded  
02/25/2014

15. Date T.D. Reached  
03/08/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
04/29/2014

17. Elevations (DF, KB, RT, GL)\*  
4011 GL

18. Total Depth: MD 9915  
TVD 5434

19. Plug Back T.D.: MD 9834  
TVD 9834

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATED NEUT HGNS

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	836		700		0	
12.250	9.625 J55	40.0	0	2050		625		0	
8.750	7.000 L80	29.0	0	4791		1250		0	
7.875	5.500 L80	17.0	4791	9915					

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	4886							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5704	9775	5704 TO 9775	0.430	414	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5704 TO 9775	ACIDIZE W/34,374 GALS 15% ACID. FRAC W/1,203,063 GALS GEL, 347,393 GALS WATER FRAC
5704 TO 9775	117,404 TREATED WATER, 2,751,204# 20/40 BROWN, 489,169# 16/30 CRC, 45,261# 100 MESH.

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
04/30/2014	05/03/2014	24	→	309.0	241.0	1971.0	36.9	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→	309	241	1971	780	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

ACCEPTED FOR RECORD

JUN 22 2014

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #247842 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

RECLAMATION  
DUE 10-24-14

## 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	752		ANHYDRITE	RUSTLER	752
YATES	2080		SANDSTONE	YATES	2080
QUEEN	3027		SANDSTONE & DOLOMITE	QUEEN	3027
GRAYBURG	3457		SANDSTONE & DOLOMITE	GRAYBURG	3457
SAN ANDRES	3725		DOLOMITE & LIMESTONE	SAN ANDRES	3725
GLORIETA	5297		SANDSTONE	GLORIETA	5297
PADDOCK	5372		DOLOMITE & ANHYDRITE	PADDOCK	5372

32. Additional remarks (include plugging procedure):  
LOGS WILL BE MAILED.

## 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 #247842 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Carlsbad**  
**Committed to AFMSS for processing by DUNCAN WHITLOCK on 06/19/2014 (14DW0096SE)**

Name (please print) CHASITY JACKSONTitle PREPARER

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

Date 06/02/2014

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***