

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 2 2015

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NMLC028784A

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.  
NMNM88525X

2. Name of Operator  
COG OPERATING LLC

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

8. Lease Name and Well No.  
BURCH KEELY UNIT 626

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.  
30-015-40276

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

At surface SENE 1943FNL 461FEL

At top prod interval reported below SENE 1943FNL 461FEL

At total depth SENE 2445FNL 317FEL

10. Field and Pool, or Exploratory  
GRAYBURG JACKSON

11. Sec., T., R., M., or Block and Survey  
or Area Sec 24 T17S R29E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
11/29/2014

15. Date T.D. Reached  
12/05/2014

16. Date Completed  
 D & A  Ready to Prod.  
12/22/2014

17. Elevations (DF, KB, RT, GL)\*  
3621 GL

18. Total Depth: MD 4792  
TVD 4751

19. Plug Back T.D.: MD 4726  
TVD 4726

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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	54.5		270		400			
11.000	8.625 J55	24.0		1050		500			
7.875	5.500 J55	17.0		4775		900			

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	4620							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	4173	4523	4173 TO 4523	0.410	52	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4173 TO 4523	ACIDIZE W/1018 GALS 15% ACID.
4050 TO 4345	FRAC W/204.670 GALS GEL, 224,125# 16/30 BRADY, 26,420# 16/30 SLC.

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
12/23/2014	12/26/2014	24	▶	47.0	126.0	200.0	39.0	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	
			▶	47	126	200	2680	POW	

28a. Production - Interval B

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

Pending BLM approvals will subsequently be reviewed and scanned *AD*

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

ELECTRONIC SUBMISSION #289868 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
TANSILL	913		LIMESTONE & DOLOMITE	TANSILL	913
YATES	1019		SANDSTONE	YATES	1019
QUEEN	1932		SANDSTONE & DOLOMITE	QUEEN	1932
GRAYBURG	2323		SANDSTONE & DOLOMITE	GRAYBURG	2323
GLORIETA	4117		SANDSTONE	GLORIETA	4117
PADDOCK	4164			PADDOCK	4164

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 #289868 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 01/28/2015

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 \*\***