

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC028784A

a. 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

2. Name of Operator  
COG OPERATING LLC Contact: CHASITY JACKSON  
E-Mail: cjackson@concho.com

7. Unit or CA Agreement Name and No.  
NMNM88525X

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

8. Lease Name and Well No.  
BURCH KEELY UNIT 545

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
At surface NENE 258FNL 892FEL  
At top prod interval reported below NENE 258FNL 892FEL  
At total depth NENE 258FNL 892FEL

9. API Well No.  
30-015-40323-00-S1

10. Field and Pool, or Exploratory  
BURCH KEELY-GLORIETA-UPPER YES

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  
07/24/2012 15. Date T.D. Reached  
07/28/2012 16. Date Completed  
 D & A  Ready to Prod.  
08/28/2012

17. Elevations (DF, KB, RT, GL)\*  
3615 GL

18. Total Depth: MD 4751 TVD 4751 19. Plug Back T.D.: MD 4695 TVD 4695 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
COMPENSATEDNEUT HNGS MCFL 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 H-40	48.0	0	263		400		0	
11.000	8.625 J-55	24.0	0	1066		500		0	
7.875	5.500 J-55	17.0	0	4751		900		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	4578							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	4170	4420	4170 TO 4420	0.410	26	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4170 TO 4420	ACIDIZE W/2,000 GALS 15% ACID.
4170 TO 4420	FRAC W/100,558 GALS GEL, 110,111# 16/30 BROWN SAND, 17,096# 16/30 CRO

RECLAMATION  
DUE 2-28-13

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
08/29/2012	08/30/2012	24	→	51.0	88.0	247.0	40.4	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	
		70.0	→	51	88	247	1725	POW	

ACCEPTED FOR RECORD

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	
			→						

REC 9 2012  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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

ELECTRONIC SUBMISSION #160918 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

*JW*

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	344	845	ANHYDRITE	RUSTLER	344
SALADO	700		SALT	TOP SALT	700
YATES	1022		SANDSTONE	YATES	1022
QUEEN	1934		SANDSTONE & DOLOMITE	QUEEN	1934
SAN ANDRES	2667		DOLOMITE & LIMESTONE	SAN ANDRES	2667
GLORIETA	4085		SANDSTONE	GLORIETA	4085
YESO	4147		DOLOMITE & ANHYDRITE	YESO	4147

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 #160918 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on-11/28/2012 (13KMS3973SE)**

Name (please print) CHASITY JACKSON Title PREPARER

Signature \_\_\_\_\_ (Electronic Submission) Date 11/21/2012

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.