

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**RECEIVED**  
DEC 27 2012  
WOOD ARTESIA

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **SWSE 485FSL 2535FEL**  
At top prod interval reported below **SWSE 485FSL 2535FEL**  
At total depth **SWSE 485FSL 2535FEL**

5. Lease Serial No. **NMLC028784A**

6. If Indian, Allottee or Tribe Name \_\_\_\_\_

7. Unit or CA Agreement Name and No. **NMMN88525X**

8. Lease Name and Well No. **BURCH KEELY UNIT 544**

9. API Well No. **30-015-40322-00-S1**

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

11. Sec., T., R., M., or Block and Survey or Area **Sec 13 T17S R29E Mer NMP**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **08/13/2012** 15. Date T.D. Reached **08/19/2012** 16. Date Completed  D & A  Ready to Prod. **09/10/2012**

17. Elevations (DF, KB, RT, GL)\* **3616 GL**

18. Total Depth: MD **4673** TVD **4673** 19. Plug Back T.D.: MD **4618** TVD **4618** 20. Depth Bridge Plug Set: MD **4618** TVD **4618**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **COMPENSATEDNEUT GR CCL**

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	323		400		0	
11.000	8.625 J-55	24.0	0	1054		600		0	
7.875	5.500 J-55	17.0	0	4663		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	4517							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>PADDOCK</b>	<b>4130</b>	<b>4380</b>	<b>4130 TO 4380</b>	<b>0.410</b>	<b>26</b>	<b>OPEN</b>
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
<b>4130 TO 4380</b>	<b>ACIDIZE W/2,000 GALS 15% ACID.</b>
<b>4130 TO 4380</b>	<b>FRAC W/100,888 GALS GEL, 113,439# 16/30 BROWN SAND, 13,685# 16/30 CRC.</b>

**RECLAMATION DUE 3-10-13**

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
<b>09/13/2012</b>	<b>09/15/2012</b>	<b>24</b>	<b>→</b>	<b>103.0</b>	<b>103.0</b>	<b>231.0</b>	<b>39.6</b>	<b>0.60</b>	<b>ELECTRIC PUMPING UNIT</b>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		<b>70.0</b>	<b>→</b>	<b>103</b>	<b>103</b>	<b>231</b>	<b>1000</b>	<b>POW</b>	

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
			<b>→</b>						<b>DEC 22 2012</b>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			<b>→</b>						

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

ELECTRONIC SUBMISSION #164326 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

*JM*

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	380	873	ANHYDRITE SALT SANDSTONE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE DOLOMITE & ANHYDRITE	RUSTLER	380
SALADO	697			TOP SALT	697
YATES	1032			YATES	1032
QUEEN	1930			QUEEN	1930
SAN ANDRES	2652			SAN ANDRES	2652
GLORIETA	4056			GLORIETA	4056
YESO	4127	YESO	4127		

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 #164326 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 12/18/2012 (13KMS4196SE)

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 12/14/2012

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.

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