

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 26 2013

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC028793A

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.  
NMNM88525X2. Name of Operator  
COG OPERATING LLCContact: KANICIA CASTILLO  
E-Mail: kcastillo@concho.com8. Lease Name and Well No.  
BURCH KEELY UNIT 945H3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 797013a. Phone No. (include area code)  
Ph: 432-685-43329. API Well No.  
30-015-39578-00-S1

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

At surface Lot 4 585FSL 465FWL

At top prod interval reported below Lot 4 585FSL 465FWL

At total depth SESE 363FSL 343FEL

10. Field and Pool, or Exploratory.  
BURCH KEELY-GLORIETA-UPPER YES11. Sec., T., R., M., or Block and Survey  
or Area Sec 18 T17S R30E Mer NMP12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
12/06/201215. Date T.D. Reached  
12/22/201216. Date Completed  
☐ D & A ☒ Ready to Prod.  
01/28/201317. Elevations (DF, KB, RT, GL)\*  
3631 GL18. Total Depth: MD 9102  
TVD 486819. Plug Back T.D.: MD 9102  
TVD 486820. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CN22. 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	290		1400		0	
12.250	9.625 J-55	40.0	0	1195		650		0	
8.750	7.000 L-80	26.0	0	4288	4329				
7.875	5.500 L-80	17.0	4288	9035		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	4213							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5211	8984	5211 TO 8984	3.000	17	OPEN FRAC PORTS
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5211 TO 8984	ACIDIZED W/ 36,769 GALS 15% ACID. FRAC W/182,756 GALS WTRFRAC, 1,393,320 GALS GEL.
5211 TO 8984	41,323# 100 MESH SAND, 1,603,448# 16/30 BROWN SAND, 274,147# CRC.

RECLAMATION

DUE 7-28-13

## 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
01/29/2013	02/01/2013	24	→	343.0	192.0	391.0	38.7	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	70	70.0	→	343	192	391	560	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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #199062 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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	380	916	ANHYDRITE	RUSTLER	380
SALADO	770		SALT	TOP SALT	770
YATES	1082		DOLOMITE	YATES	1082
QUEEN	1972		SANDSTONE & DOLOMITE	QUEEN	1972
SAN ANDRES	2680		DOLOMITE & LIMESTONE	SAN ANDRES	2680
GLORIETA	4083		SANDSTONE	GLORIETA	4083
YESO	4194		DOLOMITE & ANHYDRITE	YESO	4194

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 #199062 Verified by the BLM Well Information System.**  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 02/20/2013 (13KMS5025SE)

Name (please print) KANICIA CASTILLO

Title PREPARER

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

Date 02/15/2013

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 \*\* REVISED \*\***