

MAR 08 2018

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC028784A1a. 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 LLC  
Contact: KANICIA CASTILLO  
E-Mail: kcastillo@concho.com8. Lease Name and Well No.  
BURCH KEELY UNIT 964H3. Address 600 W ILLINOIS AVE ONE CONCHO CENTER  
MIDLAND, TX 797013a. Phone No. (include area code)  
Ph: 432-685-43329. API Well No.  
30-015-44149

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

At surface Lot H 1485FNL 215FEL  
Sec 24 T17S R29E Mer NMP  
At top prod interval reported below 1670FNL 182FEL  
Sec 19 T17S R29E Mer NMP  
At total depth Lot H 1673FNL 10FEL10. Field and Pool, or Exploratory  
BKU:GLORIET-UPPER YESO11. Sec., T., R., M., or Block and Survey  
or Area Sec 24 T17S R29E Mer NMP12. County or Parish  
EDDY13. State  
NM14. Date Spudded  
06/24/201715. Date T.D. Reached  
07/05/201716. Date Completed  
☐ D & A ☒ Ready to Prod.  
08/26/201717. Elevations (DF, KB, RT, GL)\*  
3621 GL18. Total Depth: MD 10314  
TVD 488019. Plug Back T.D.: MD 10264  
TVD 488020. 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J55	40.0		1097		2 500			
8.750	7.000 L80	29.0		4286					
8.750	5.000 L80	17.0		10331		2 2150			
17.500	13.375 J55	54.5	0	367		2 400		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	5169							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5164	10244	5164 TO 10244	0.430	1152	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5164 TO 10244	ACIDIZE W/ 127,008 15% ACID, FRAC W/ 361,536 GALS TREATED WATER, 5,743,710 GALS SLICK WATER.

## 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
08/27/2017	08/31/2017	24	→	416.0	620.0	1310.0	37.6	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		70.0	→	416	620	1310	1490	FLOW	

## 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	
			→						

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

ELECTRONIC SUBMISSION #390242 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 2/26/2017

## 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	938		DOLOMITE	TANSILL	938
QUEEN	1953		SANDSTONE	QUEEN	1953
GRAYBURG	2347		DOLOMITE & ANHYDRITE	GRAYBURG	2347
SAN ANDRES	2673		DOLOMITE & ANHYDRITE	SAN ANDRES	2673
PADDOCK	4167		DOLOMITE	PADDOCK	4167
BLINEBRY	4806			BLINEBRY	4806

## 32. Additional remarks (include plugging procedure):

Logs will be submitted in WIS.  
logs will be mailed to the OCD.

## Casing tests:

6/25/17 Test 13-3/8csg to 1600# for 30mins, good test.  
6/27/17 Test 12-1/4csg to 1500# for 30mins, good test.

## 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 #390242 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CASTILLOTitle PREPARERSignature (Electronic Submission)Date 09/28/2017

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 \*\***