

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMLC029415A

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com		
3. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-685-4332		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 12 T17S R31E Mer NMP At surface SESE 1160FSL 640FEL Sec 12 T17S R31E Mer NMP At top prod interval reported below SESE 990FSL 904FEL Sec 13 T17S R31E Mer NMP At total depth SESE 375FSL 971FEL			8. Lease Name and Well No. PUCKETT 13 FEDERAL COM 17H		
14. Date Spudded 06/19/2016			15. Date T.D. Reached 07/07/2016		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/24/2016			9. API Well No. 30-015-43667-00-S1		
18. Total Depth: MD 11466 TVD 5459			19. Plug Back T.D.: MD 11389 TVD 5459		
20. Depth Bridge Plug Set: MD TVD			17. Elevations (DF, KB, RT, GL)* 3974 GL		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CN			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 J-55	54.5	0	759		625		0	
12.250	9.625 J-55	40.0	0	2070		675		0	
8.750	7.000 L-80	29.0	0	4890				0	
8.750	5.000 L-80	17.0	4890	11456		3000		4890	

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	4987							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GLORIETA YESO	6944	11369	6944 TO 11369	0.430	720	OPEN - Yeso
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6944 TO 11369	ACIDIZE W/ 79,704 15% ACID, FRAC W/ 403,058 GALS TREATED WATER, 3,670,667 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
10/24/2016	10/28/2016	24	→	246.0	149.0	1124.0	36.5	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	
	SI	70.0	→	246	149	1124	605	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.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #357504 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

RECLAMATION DUE:  
APR 24 2017

PETROLEUM ENGINEER

ACCEPTED FOR RECORD

ROCKY SGOJ HAYID & CLAN  
FEB 14 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
RUSTLER QUEEN GRAYBURG SAN ANDRES GLORIETA YESO	697 3007 3449 3764 6944	3007 3449 3764 5404 11369	SALT SANDSTONE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE DOLOMITE & ANHYDRITE	RUSTLER QUEEN GRAYBURG SAN ANDRES PADDOCK	697 3007 3449 3764 5404

32. Additional remarks (include plugging procedure):  
Logs will be submitted in WIS.

## 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 #357504 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Carlsbad**  
**Committed to AFMSS for processing by DEBORAH HAM on 01/27/2017 (17DMH0055SE)**

Name (please print) KANICIA CASTILLOTitle PREPARER

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

Date 11/09/2016

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 \*\***