

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC029415A

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: **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)*
At surface **SESE 1160FSL 640FEL** Sec 12 T17S R31E Mer NMP
At top prod interval reported below **SESE 990FSL 904FEL** Sec 12 T17S R31E Mer NMP
At total depth **SESE 375FSL 971FEL** Sec 13 T17S R31E Mer NMP

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
PUCKETT 13 FEDERAL COM 17H

9. API Well No.
30-015-43667-00-S1

10. Field and Pool, or Exploratory
FREN-GLORIETA-YESO

11. Sec., T., R., M., or Block and Survey or Area
Sec 12 T17S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
06/19/2016

15. Date T.D. Reached
07/07/2016

16. Date Completed
 D & A Ready to Prod.
10/24/2016

17. Elevations (DF, KB, RT, GL)*
3974 GL

18. Total Depth: MD **11466** TVD **5459** 19. Plug Back T.D.: MD **11389** TVD **5459** 20. Depth Bridge Plug Set: MD **11389** TVD **5459**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CN

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 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		▶						

ACCEPTED FOR RECORD
ROCKE SGOJ HAYID & OLAN
FEB 14 2017

(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

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	697	3007	SALT	RUSTLER	697
QUEEN	3007	3449	SANDSTONE	QUEEN	3007
GRAYBURG	3449	3764	SANDSTONE & DOLOMITE	GRAYBURG	3449
SAN ANDRES	3764	5404	DOLOMITE & LIMESTONE	SAN ANDRES	3764
GLORIETA YESO	6944	11369	DOLOMITE & ANHYDRITE	PADDOCK	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 CASTILLO Title 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.