

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

**WILDLIFE AND OIL CONSERVATION DISTRICT**  
**RECEIVED**  
JAN 14 2016

5. Lease Serial No. NMLC029415A

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 38H

9. API Well No. 30-015-43074

10. Field and Pool, or Exploratory FREN

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 05/11/2015

15. Date T.D. Reached 06/24/2015

16. Date Completed 07/31/2015  
 D & A  Ready to Prod.

17. Elevations (DF, KB, RT, GL)\* 3977 GL

18. Total Depth: MD 10463, TVD 5548

19. Plug Back T.D.: MD 10371, TVD 10371

20. Depth Bridge Plug Set: MD, TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON 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 J55	54.5		798		775			
12.250	9.625 J55	40.0		2066		775			
8.750	7.000 L80	29.0		4922		3200			
8.750	5.500 L80	17.0	4922	10440					

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		5037						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6831	10351	6831 TO 10351	0.430	396	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6831 TO 10351	ACIDIZE W/42,865 GALS 15% ACID. FRAC W/183,404 GALS TREATED WATER, 106,444 GALS WATERFRAC R9.
6831 TO 10351	FRAC W/102,906 GALS WATERFR R3, 1,547,559 GALS GEL, 3,325,505# 20/40 WHITE SAND, 532,285# 20/40 CRC.

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
07/31/2015	08/04/2015	24	→	198.0	185.0	976.0	36.5	0.60
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
SI		70.0	→	198	185	976	934	POW

**ACCEPTED FOR RECORD**  
ELECTRIC PUMPING UNIT  
JAN 11 2016  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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
			→					
Choke Size	Tbg. Press. Flwg.	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 #314503 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation Due: 2/4/16

*AB*

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	700		ANHYDRITE LIMESTONE & DOLOMITE SANDSTONE SANDSTONE & DOLOMITE DOLOMITE & LIMESTONE SANDSTONE	RUSTLER	700
TANSIL	888			TANSIL	888
YATES	2045			YATES	2045
QUEEN	3006			QUEEN	3006
SAN ANDRES	3759			SAN ANDRES	3759
GLORIETA	5263			GLORIETA	5263
PADDOCK	5343		PADDOCK	5343	

32. Additional remarks (include plugging procedure):  
Log 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 #314503 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlshad  
Committed to AFMSS for processing by DEBORAH HAM on 12/21/2015 ()

Name (please print) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 08/27/2015

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 \*\***