District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
COG Operating LLC One Concho Center 600 W. Illinois Ave Midland, TX 79701	229137
	[3] Reason for Filing Code/ Effective Date NW Effective 9/3/14

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 015-42420	Fren; Glorieta-Yeso, East	97213
[7] Property Code	**[8] Property Name**	**[9] Well Number**
313342	Puckett 13 Federal Com	35H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
O	13	17S	31E		150	South	2290	East	Eddy

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	13	17S	31E		454	North	2316	East	Eddy

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	P	9/3/14			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
27841	HollyFrontier Refining & Marketing LLC	O
36785	dcp Midstream	G
	NM OIL CONSERVATION ARTESIA DISTRICT OCT 08 2014	
	RECEIVED	

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
7/14/14	9/3/14	9995MD 5430TVD	9945	5788 - 9930	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17-1/2	13-3/8	680	700sx
12-1/4	9-5/8	1895	675sx
7-7/8	5-1/2	9995	2300sx
	2-7/8 tbg	4922	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
9/3/14	9/3/14	9/7/14	24hrs	70	70
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
	265	1207	216		P

[42] I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: CJackson

Printed name: Chasity Jackson

Title: Regulatory Analyst

E-mail Address: cjackson@concho.com

Date: 10/1/14 Phone: 432-686-3087

OIL CONSERVATION DIVISION

Approved by: T. C. Shepard

Title: "Geologist"

Approval Date: 10-9-2014

Pending BLM approvals will subsequently be reviewed and scanned TCS

NM OIL CONSERVATION
ARTESIA DISTRICT

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 08 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No. NMLC029415B

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.

2. Name of Operator: COG OPERATING LLC
Contact: CHASITY JACKSON
E-Mail: cjackson@concho.com

8. Lease Name and Well No. PUCKETT 13 FEDERAL COM 35H

3. Address: ONE CONCHO CENTER 600 W. ILLINOIS AVE, MIDLAND, TX 79701
3a. Phone No. (include area code) Ph: 432-686-3087

9. API Well No. 30-015-42420

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: SWSE 150FSL 2290FEL
At top prod interval reported below: SWSE 150FSL 2290FEL
At total depth: NWNE 454FNL 2316FEL

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

11. Sec., T., R., M., or Block and Survey or Area: Sec 13 T17S R31E Mer NMP

12. County or Parish: EDDY
13. State: NM

14. Date Spudded: 07/14/2014
15. Date T.D. Reached: 07/25/2014
16. Date Completed: ☐ D & A ☒ Ready to Prod. 09/03/2014
17. Elevations (DF, KB, RT, GL)*: 3914 GL

18. Total Depth: MD 9995, TVD 5430
19. Plug Back T.D.: MD 9945, TVD 9945
20. Depth Bridge Plug Set: MD, TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): COMPENSATED NEUTRON CCL/HNGS

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5		675		700			
12.250	9.625 J55	40.0		1895		675			
7.875	5.500 L80	17.0		9995		2300			

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	4922							

25. Producing Intervals

Formation	Top	Bottom
A) YESO	5788	9930
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
5788 TO 9930	0.430	468	OPEN

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

Depth Interval	Amount and Type of Material
5788 TO 9930	ACIDIZE W/49,887 GALS 15% ACID. FRAC W/1,705,021 GALS GEL, 206,606 GALS TREATED WATER,
5788 TO 9930	46,084 GALS WATER FRAC, 3,864,886# 20/40 BROWN, 640,536# 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	Production Method
09/03/2014	09/07/2014	24	→	265.0	216.0	1207.0	37.4	0.60	ELECTRIC PUMPING UNIT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→	265	216	1207	815	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
			→					

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
			→				

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #267468 VERIFIED BY THE BLM WELL INFORMATION SYSTE

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** O ... OR-SUBMITTED **

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.)*
FLARED

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	569		ANHYDRITE	RUSTLER	569
TANSIL	1837		LIMESTONE & DOLOMITE	TANSIL	1837
YATES	1941		SANDSTONE	YATES	1941
QUEEN	2914		SANDSTONE & DOLOMITE	QUEEN	2914
GRAYBURG	3291		SANDSTONE & DOLOMITE	GRAYBURG	3291
SAN ANDRES	3678		DOLOMITE & LIMESTONE	SAN ANDRES	3678
GLORIETA	5194		SANDSTONE	GLORIETA	5194
YESO	5259		DOLOMITE & ANHYDRITE	YESO	5259

32. Additional remarks (include plugging procedure):
will mail log.

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 #267468 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name *(please print)* CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 10/01/2014

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 fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****