

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

Form C-104  
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address <b>COG Operating LLC</b> One Concho Center 600 W. Illinois Ave. Midland, TX 79701		<sup>2</sup> OGRID Number 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW Effective 10/24/16
<sup>4</sup> API Number 30 - 015-43872	<sup>5</sup> Pool Name Fren; Glorieta-Yeso, East	<sup>6</sup> Pool Code 97213
<sup>7</sup> Property Code 313342	<sup>8</sup> Property Name Puckett 13 Federal Com	<sup>9</sup> Well Number 27H

**II. <sup>10</sup> Surface Location**

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	12	17S	31E		387	South	1097	East	Eddy

**<sup>11</sup> 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
P	13	17S	31E		373	South	978	East	Eddy
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 10/24/16	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
278421	Navaho Refining Company	O
36785	DCP Midstream	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 8/28/16	<sup>22</sup> Ready Date 10/24/16	<sup>23</sup> TD 11,054MD 6068TVD	<sup>24</sup> PBTB 10,973	<sup>25</sup> Perforations 6469 - 10953	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17-1/2	13-3/8	757	625sx		
12-1/4	9-5/8	2063	575sx		
8-3/4	7	5364	0		
8-3/4	5-1/2	11,035	2700sx		
	2-7/8 tbg	5440			

**V. Well Test Data**

<sup>31</sup> Date New Oil 11/03/16	<sup>32</sup> Gas Delivery Date 10/26/16	<sup>33</sup> Test Date 11/07/16	<sup>34</sup> Test Length 24hrs	<sup>35</sup> Tbg. Pressure 70	<sup>36</sup> Csg. Pressure 70
<sup>37</sup> Choke Size	<sup>38</sup> Oil 102	<sup>39</sup> Water 1326	<sup>40</sup> Gas 91		<sup>41</sup> Test Method P

<sup>42</sup> 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:



Printed name:

Kanicia Castillo

Title:

Lead Regulatory Analyst

E-mail Address:

kcastillo@concho.com

Date:

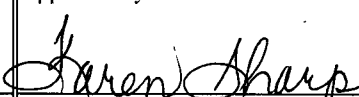
11/11/16

Phone:

432-685-4332

OIL CONSERVATION DIVISION

Approved by:



Title:

Bus Oper Spec Adv

Approval Date:

11-14-16

Pending BLM approvals will  
subsequently be reviewed  
and scanned



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC029415B
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 600 W ILLINOIS AVE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-685-4332	8. Well Name and No. PUCKETT 13 FEDERAL COM 27H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T17S R31E Mer NMP 387FSL 1097FEL		9. API Well No. 30-015-43872
		10. Field and Pool, or Exploratory FREN; GLORIETA YESO
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

9/18/16 Test csg to 4500psi for 15min, good.  
9/19/16 Drilled 19' of new formation to 11,054. Spotted 500 gals acid.  
9/27/16 Pressure test frac valve to 7200#, good test.  
9/27/16 - 10/10/16 Perf 20 stages @ 6469 ? 10,953 w/6 SPF, 720 holes. Acidize 20 stages w/77,826 gals 15% HCL. Frac w/268,590 gals treated water, 3,703,560 gals slick water, 1,201,320# 100 mesh sand, 1,660,520# 40/70 white sand, 400,320# 40/70 Garnet.  
10/20/16 ? 10/22/16 Drill out plugs. Clean out to PBTD 10,973.  
10/24/16 RIH w/ESP, 163jts 2-7/8" J55 tbg, EOT @ 5440. Hang on.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
NOV 14 2016

RECEIVED

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #357580 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad</b>	
Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 11/10/2016
<b>THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE</b>	
Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisd.	

Pending BLM approvals will subsequently be reviewed and scanned

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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNM OIL CONSERVATION  
ARTESIA DISTRICT

NOV 14 2016

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOGS  
RECEIVED5. Lease Serial No.  
NMLC029415B

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		8. Lease Name and Well No. PUCKETT 13 FEDERAL COM 27H	
Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com			
3. Address 600 W ILLINOIS AVE ONE CONCHO CENTER MIDLAND, TX 79701		9. API Well No. 30-015-43872	
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 Lot P 387FSL 1097FEL Sec 13 T17S R31E Mer NMP At top prod interval reported below Lot A 330FNL 894FEL Sec 13 T17S R31E Mer NMP At total depth Lot P 373FSL 978FEL		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 08/28/2016		15. Date T.D. Reached 09/08/2016	
		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/24/2016	
17. Elevations (DF, KB, RT, GL)* 3974 GL			
18. Total Depth: MD TVD 11035 6049		19. Plug Back T.D.: MD TVD 10973	
20. Depth Bridge Plug Set: MD TVD			
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J55	40.0		2063		575			
8.750	7.000 L80	29.0		5364					
8.750	5.000 L80	17.0		11035		2700			
17.500	13.375 J55	54.5	0	757		625		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	5440							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	6469	10953	6469 TO 10953	0.430	720	OPEN
B)						
C)						
D)						

## 26. Perforation Record

Depth Interval	Amount and Type of Material
6469 TO 10953	ACIDIZE W/ 77,826 15% ACID, FRAC W/ 268,590 GALS TREATED WATER, 3,703,560 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
10/26/2016	11/07/2016	24	→	102.0	91.0	1326.0	36.5	0.60	ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 70.0	24 Hr. Rate →	Oil BBL 102	Gas MCF 91	Water BBL 1326	Gas:Oil Ratio 892	Well Status 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		

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

ELECTRONIC SUBMISSION #357705 VERIFIED BY THE BLM WELL INFORMATI

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

\*\* OPERATOR-SUBMITTED \*\*

Pending BLM approvals will  
subsequently be reviewed  
and scanned



## 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	682		SALT	RUSTLER	682
QUEEN	2984		SANDSTONE	QUEEN	2984
GRAYBURG	3414		SANDSTONE & DOLOMITE	GRAYBURG	3414
SAN ANDRES	3743		DOLOMITE & LIMESTONE	SAN ANDRES	3743
PADDOCK	5300		DOLOMITE & ANHYDRITE	PADDOCK	5300

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 #357705 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CASTILLO

Title PREPARER

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

Date 11/11/20

Pending BLM approvals will  
subsequently be reviewed  
and scanned.

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

any department or agency

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