

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

¹ Operator name and Address COG Operating LLC One Concho Center 600 W. Illinois Ave. Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW Effective 4/29/14
⁴ API Number 30 - 015-41445	⁵ Pool Name Fren; Glorieta-Yeso	⁶ Pool Code 26770
⁷ Property Code 38858	⁸ Property Name Puckett 12 Federal	⁹ Well Number 28H

II. ¹⁰ Surface Location

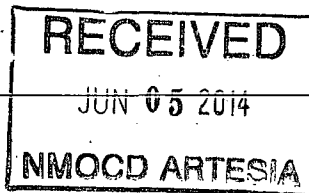
Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	12	17S	31E		210	North	445	East	Eddy

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
P	12	17S	31E		373	South	346	East	Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 4/29/14	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
27841	HollyFrontier Refining & Marketing LLC	O
36785	dep Midstream	G



IV. Well Completion Data

²¹ Spud Date 2/25/14	²² Ready Date 4/29/14	²³ TD 9915MD 5434TVD	²⁴ PBTB 9843	²⁵ Perforations 5704 - 9775	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	836	700sx		
12-1/4	9-5/8	2050	625sx		
8-3/4	7	4791	1250sx		
7-7/8	5-1/2	9915			
	2-7/8 tbg	4886			

V. Well Test Data

³¹ Date New Oil 4/30/14	³² Gas Delivery Date 4/30/14	³³ Test Date 5/3/14	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 309	³⁹ Water 1971	⁴⁰ Gas 241	⁴¹ Test Method 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:	OIL CONSERVATION DIVISION Approved by: Title: Approval Date: 6/6/14
Printed name: Chasity Jackson	
Title: Regulatory Analyst	
E-mail Address: cjackson@concho.com	
Date: 6/2/14	Phone: 432-686-3087

Pending BLM approvals will
subsequently be reviewed
and scanned

3160-4
3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 Contact: CHASITY JACKSON E-Mail: cjackson@concho.com		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-686-3087	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T17S R31E Mer NMP NENE 210FNL 445FEL		8. Well Name and No. PUCKETT 12 FEDERAL 28H
		9. API Well No. 30-015-41445
		10. Field and Pool, or Exploratory FREN
		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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 recompleat 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 recompleat 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.)

3/27/14 Set plug @ 9843. Test frac valve to 7500psi. Spotted 2000 gals acid.

4/2/14 Perf 9 stages @ 9480 - 9775 w/6 SPF, 46 holes. CBP @ 9421.

Perf @ 9008 - 9362 w/6SPF, 46 holes, CBP @ 8949.

Perf @ 8536 - 8890 w/6SPF, 46 holes, CBP @ 8482.

Perf @ 8064 - 8418 w/6SPF, 46 holes, CBP @ 8005.

Perf @ 7592 - 7946 w/6SPF, 46 holes, CBP @ 7533.

Perf @ 7120 - 7470 w/6SPF, 46 holes, CBP @ 7061.

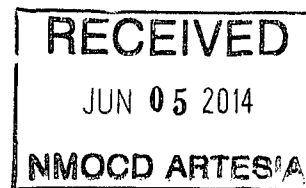
Perf @ 6648 - 7005 w/6SPF, 46 holes, CBP @ 6589.

Perf @ 6178 - 6530 w/6SPF, 46 holes, CBP @ 6117.

Perf @ 5704 - 6058 w/6SPF, 46 holes. Acidize 9 stages w/34,374 gals 15% HCL. Frac w/1,203,063 gals

gel, 347,393 gals WaterFrac, 117,404 gals treated water, 2,751,204# 20/40 brown sand, 489,169#

16/30 CRC, 45,261# 100 Mesh.



14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #247985 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) CHASITY JACKSON	Title PREPARER
Signature (Electronic Submission)	Date 06/03/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Pending BLM approvals will or subsequently be reviewed and scanned	Date _____
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.		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person to
States any false, fictitious or fraudulent statements or representations as to any matter within its

any department or agency of the United

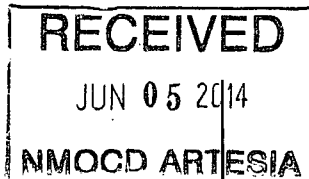
**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #247985 that would not fit on the form

32. Additional remarks, continued

4/25/14 Drill out plugs. Clean out to PBTD 9843.

4/29/14 RIH w/142jts 2-7/8" J55 6.5# tbg, EOT @ 2868. RIH w/ESP. Hang well on.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.*
NMLC029415B1a. 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 LLCContact: CHASITY JACKSON
E-Mail: cjackson@concho.com8. Lease Name and Well No.
PUCKETT 12 FEDERAL 28H3. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE
MIDLAND, TX 797013a. Phone No. (include area code)
Ph: 432-686-30879. API Well No.
30-015-41445

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENE 210FNL 445FEL

At top prod interval reported below NENE 210FNL 445FEL

At total depth SESE 373FSL 346FEL

10. Field and Pool, or Exploratory
FREN11. Sec., T., R., M., or Block and Survey
or Area Sec 12 T17S R31E Mer NMP12. County or Parish
EDDY13. State
NM14. Date Spudded
02/25/201415. Date T.D. Reached
03/08/201416. Date Completed
☐ D & A ☒ Ready to Prod.
04/29/201417. Elevations (DF, KB, RT, GL)*
4011 GL18. Total Depth: MD 9915
TVD 543419. Plug Back T.D.: MD 98:43'
TVD 98:43'20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
COMPENSATED NEUTRON CCL/HNGS22. 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		836		700			
12.250	9.625 J55	40.0		2050		625			
8.750	7.000 L80	29.0		4791		1250			
7.875	5.500 L80	17.0		9915					

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	4886							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) YESO	5704	9775	5704 TO 9775	0.430	414	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5704 TO 9775	ACIDIZE W/34,374 GALS 15% ACID. FRAC W/1,203,063 GALS GEL, 347,393 GALS WATER FRAC
5704 TO 9775	117,404 TREATED WATER, 2,751,204# 20/40 BROWN, 489,169# 16/30 CRC, 45,261# 100 MESH.

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
04/30/2014	05/03/2014	24	→	309.0	241.0	1971.0	36.9	0.60	ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL 309	Gas MCF 241	Water BBL 1971	Gas:Oil Ratio 780	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	Well Status	

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #247842 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-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.)
CAPTURED

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	752		ANHYDRITE	RUSTLER	752
YATES	2080		SANDSTONE	YATES	2080
QUEEN	3027		SANDSTONE & DOLOMITE	QUEEN	3027
GRAYBURG	3457		SANDSTONE & DOLOMITE	GRAYBURG	3457
SAN ANDRES	3725		DOLOMITE & LIMESTONE	SAN ANDRES	3725
GLORIETA	5297		SANDSTONE	GLORIETA	5297
PADDOCK	5372		DOLOMITE & ANHYDRITE	PADDOCK	5372

32. Additional remarks (include plugging procedure):
LOGS 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 #247842 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 06/02/2014

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

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