

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

NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-104
Revised August 1, 2011

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

AUG 31 2015
Submit one copy to appropriate District Office

RECEIVED 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 7/31/15
⁴ API Number 30 - 015-43074	⁵ Pool Name Fren; Glorieta-Yeso, East	⁶ Pool Code 97213
⁷ Property Code 38922	⁸ Property Name Puckett 13 Federal Com	⁹ Well Number 38H

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
P	12	17S	31E		1180	South	470	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	13	17S	31E		1301	South	396	East	Eddy

¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 7/31/15	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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III. Oil and Gas Transporters


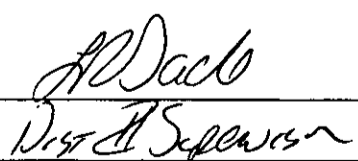
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
278421	HollyFrontier Refining & Marketing LLC	O
36785	dep Midstream	G

IV. Well Completion Data

²¹ Spud Date 5/11/15	²² Ready Date 7/31/15	²³ TD 10,463MD 5548TVD	²⁴ PBTB 10,371	²⁵ Perforations 6831 - 10,351	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2	13-3/8	798	775sx		
12-1/4	9-5/8	2066	775sx		
8-3/4	7	4922	0		
8-3/4	5-1/2	10,440	3200sx		
	2-7/8 tbg	5037			

V. Well Test Data

³¹ Date New Oil 8/2/15	³² Gas Delivery Date 7/31/15	³³ Test Date 8/4/15	³⁴ Test Length 24hrs	³⁵ Tbg. Pressure 70	³⁶ Csg. Pressure 70
³⁷ Choke Size	³⁸ Oil 198	³⁹ Water 976	⁴⁰ Gas 185	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:  Printed name: Chasity Jackson Title: Regulatory Analyst E-mail Address: cjackson@concho.com Date: 8/27/15	OIL CONSERVATION DIVISION Approved by:  Title: District Supervisor Approval Date: 9-21-15
	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.

5. Lease Serial No.
NMLC029415A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
PUCKETT 13 FEDERAL COM 38H

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

9. API Well No.
30-015-43074

3a. Address
ONE CONCHO CENTER 600 W. ILLINOIS AVE.
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-686-3087

10. Field and Pool, or Exploratory
FREN

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T17S R31E Mer NMP SESE 1180FSL 470FEL

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 Well Spud
	<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 recomplete 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 recompletion 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.)

5/11/15 Spud 17-1/2 @ 7PM.
5/12/15 TD 17-1/2 @ 798. Ran 19jts 13-3/8 J55 54.5# @ 798. Cmt w/425sx C. lead, 350sx C. tail. PD @ 1:15PM. Circ 225sx. WOC 18hrs. Test csg to 1500# for 30min,ok.
5/13/15 TD 12-1/4 @ 2066. Ran 49jts 9-5/8 J55 40# @ 2066.
5/14/15 Cmt w/425sx C. lead, 350sx C. tail. PD @ 5:15AM. Circ 234sx. WOC 18hrs. Test csg to 1500# for 30 min, ok. Drill 8-3/4 hole.
5/16/15 TD 8-3/4 vertical section, build curve KOP @ 4998.
5/17/15 TD 8-3/4 curve @ 5879. Drill 7-7/8 lateral 5879 - 8780.
5/20/15 Work stuck pipe @ 8780. Drill from 8780-8906. Fish is @ 8906.
5/25/15 Increase hole size to 8-3/4. Ream from 5879 - 6434.
6/4/15 Mrs. Jennifer Sanchez and Mr. Chris Walls from BLM gave verbal permission to open hole sidetrack around fish left in hole.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #309793 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 07/21/2015

THIS SPACE FOR FEDERAL OR STATE USE

Pending BLM approvals will subsequently be reviewed and scanned *MS*

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 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.

Additional data for EC transaction #309793 that would not fit on the form

32. Additional remarks, continued

6/13-19/15 TIH w/sidetrack assembly @ 7526 - 8737.

6/20/15 Drill 8-3/4 lateral from 8737 - 10,463.

TD@ 10,463 rather than fish bit fragment.

6/24/15 TD 8-3/4 @ 10,463MD 5548TVD.

6/25/15 Ran 116jts 7 29# L80 XO @ 4922, 124jts 5-1/2 17# L80 @ 10440. Cmt w/700sx C. lead, 2500sx C. tail.

6/26/15 PD @ 7:12AM. Circ 888sx. WOC 24hrs. RR. Will test csg upon completion.

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
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5. Lease Serial No.
NMLC029415A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
PUCKETT 13 FEDERAL COM 38H

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

9. API Well No.
30-015-43074

3a. Address
ONE CONCHO CENTER 600 W. ILLINOIS AVE.
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-686-3087

10. Field and Pool, or Exploratory
FREN

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T17S R31E Mer NMP SESE 1180FSL 470FEL

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 recomplete 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 recompletion 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.)

7/6/15 Spotted 2000 gals acid. Test 5-1/2 csg to 6080# for 30min. Set plug @ 10,371.
7/18/15 Perf 11 stages @ 6831 - 10,351 w/6 SPF, 396 holes. Acidize 11 stages w/42,865 gals 15% HCL.
Frac w/1,547,559 gals gel, 106,444 gals WaterFrac R9, 102,906 gals WaterFrac R3, 183,404 gals treated water, 3,325,505# 20/40 white sand, 532,285# 20/40 CRC.
7/29/15 Drill out plugs. Clean out to PBTD 10,371.
7/31/15 RIH w/157jts 2-7/8" J55 6.5# tbg, EOT @ 5037. ESP @ 4876. Hang well on.

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

**Electronic Submission #314589 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 08/28/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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 _____

*Pending BLM approvals will
subsequently be reviewed
and scanned*
[Signature]

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 of the United States

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
PUCKETT 13 FEDERAL COM 38H

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

9. API Well No.
30-015-43074

3a. Address
ONE CONCHO CENTER 600 W. ILLINOIS AVE.
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 432-686-3087

10. Field and Pool, or Exploratory
FREN

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T17S R31E Mer NMP SESE 1180FSL 470FEL

11. County or Parish, and State
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7/6/15 Spotted 2000 gals acid. Test 5-1/2 csg to 6080# for 30min. Set plug @ 10,371.
7/18/15 Perf 11 stages @ 6831 - 10,351 w/6 SPF, 396 holes. Acidize 11 stages w/42,865 gals 15% HCL.
Frac w/1,547,559 gals gel, 106,444 gals WaterFrac R9, 102,906 gals WaterFrac R3, 183,404 gals treated water, 3,325,505# 20/40 white sand, 532,285# 20/40 CRC.
7/29/15 Drill out plugs. Clean out to PBTD 10,371.
7/31/15 RIH w/157jts 2-7/8" J55 6.5# tbg, EOT @ 5037. ESP @ 4876. Hang well on.

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 31 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #314589 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 08/28/2015

THIS SPACE FOR FEDERAL OR STATE OFFICIAL SIGNATURE

Approved By _____ Title _____

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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: CHASITY JACKSON
E-Mail: cjackson@concho.com

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface Sec 12 T17S R31E Mer NMP
NWNW 1180FSL 470FEL
At top prod interval reported below Sec 12 T17S R31E Mer NMP
NWNW 1180FSL 470FEL
At total depth Sec 13 T17S R31E Mer NMP
NWNW 1301FSL 396FEL

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
 D & A Ready to Prod.
07/31/2015 17. Elevations (DF, KB, RT, GL)*
3977 GL

18. Total Depth: MD 10463 19. Plug Back T.D.: MD 10371
TVD 5548 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

26. Perforation Record

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

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API
			→				
Choke Size	Ibg. Press. Ibg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio
	SI		→				

Pending BLM approvals will subsequently be reviewed and scanned AD

(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 **

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	Thg. 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	Thg. 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 Carlsbad**

Name (please print) CHASITY JACKSON Title PREPARER

Signature (Electronic Submission) Date 08/27/2015

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