

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well Spud
	<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 Pending BLM approvals will subsequently be reviewed and scanned *[Signature]*

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.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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OMB NO. 1004-0135
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NMLC029415A

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1. Type of Well
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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

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<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 OFFICIAL 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 *AD*

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.

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 <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			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			8. Lease Name and Well No. PUCKETT 13 FEDERAL COM 38H		
At top prod interval reported below Sec 12 T17S R31E Mer NMP NWNW 1180FSL 470FEL			9. API Well No. 30-015-43074		
At total depth Sec 13 T17S R31E Mer NMP NWNW 1301FSL 396FEL			10. Field and Pool, or Exploratory FREN		
14. Date Spudded 05/11/2015			15. Date T.D. Reached 06/24/2015		
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 07/31/2015			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? <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 type="checkbox"/> No <input checked="" 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 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	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	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

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

(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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