

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONSERVATION

ARTESIA DISTRICT

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

OCT 14 2014

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.

RECEIVED

5. Lease Serial No.
NMLC029415B

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.
30-015-42420-00-X1

10. Field and Pool, or Exploratory
FREN

11. County or Parish, and State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
COG OPERATING LLC
Contact: KELLY J HOLLY
E-Mail: kholly@concho.com

3a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432.685.4384

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 13 T17S R31E SWSE 150FSL 2290FEL
32.827714 N Lat, 103.821438 W Lon

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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	Change to Original A PD
	<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.)

COG Operating LLC respectfully requests to change the casing grade of 5.5" casing from P110 to L80 and the safety factors brst/clps/ten from 1.33/2.84/5.54 to 1.33/2.39/4.21.

This change is necessary for better corrosion resistance properties of L80 casing.

A revised page 2 of the drilling plan is attached. Revisions are highlighted in red.

APD 10/15/14
Accepted for Record
NMOCD

Work done w/out approval

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

**Electronic Submission #251717 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by JENNIFER MASON on 10/10/2014 (15JAM0015SE)**

Name (Printed/Typed) KELLY J HOLLY Title PERMITTING TECH

Signature (Electronic Submission) Date 07/03/2014

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 _____

ACCEPTED FOR RECORD
OCT 10 2014
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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.

**ATTACHMENT TO FORM 3160-3
COG Operating, LLC
PUCKETT 13 FEDERAL COM #35H
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6. Proposed Mud System

The well will be drilled to TD with a combination of fresh water, brine, cut brine mud systems. The applicable depths and properties of these systems are as follows:

DEPTH (MD)	TYPE	WEIGHT	VISCOSITY	WATERLOSS
0-600'	Fresh Water	8.3-8.9	28-40	N.C.
600'-1850'	Brine	9.8-10.1	29-32	N.C.
1850'-4979'	FW/Cut Brine	8.3-9.2	29-32	N.C.
4979'-5807'	Cut Brine	8.5-9.2	29-32	N.C.
5807'-10078'	Cut Brine	8.5-9.2	29-32	N.C.

Sufficient mud materials will be kept at the well site to maintain mud properties and meet minimum lost circulation and weight increase requirements at all times.

Visual or electronic mud monitoring equipment shall be in place to detect volume changes indicating loss or gain of circulating fluid volume.

The mud program has been designed to minimize the volume of H₂S circulated to surface. Proper mud weights, safe drilling practices and the use of H₂S scavengers will minimize hazards when penetrating H₂S bearing zones.

6. Proposed Casing Program

Hole Size	Interval MD	OD Casing	Weight	Grade	Condition	Jt.	brst/clps/ten
17 1/2"	0-600'	13 3/8" 0-600'	48#	H40/J55 Hybrid	New	ST&C	2.88/2.90/12.85
12 1/4"	600'- 1850'	9 5/8" 0-1850'	40#	J55/K55	New	LT&C	2.14/2.67/8.29
8 3/4"	1850'- 5807'	5 1/2" 0-5807'	17#	L80	New	LT&C	1.33/2.39/4.21
7 7/8"	5807'- 10078'	5 1/2" 5807'- 10078'	17#	L80	New	LT&C	1.33/2.39/4.21