

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

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: KELLY J HOLLY E-Mail: kholly@concho.com | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701 | 3b. Phone No. (include area code) Ph: 432.685.4384 | 7. If Unit or CA/Agreement, Name and/or No. |
| 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 | | 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 |

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 |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | PD |

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.)

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.

RED 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

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 |