

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
OCD Hobbs
MAR 16 2015

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.

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. NMNM120908 |
| 2. Name of Operator COG PRODUCTION LLC | | 6. If Indian, Allottee or Tribe Name |
| Contact: MAYTE X REYES E-Mail: mreyes1@concho.com | | 7. If Unit or CA/Agreement, Name and/or No. |
| 3a. Address 2208 W MAIN STREET ARTESIA, NM 88210 | 3b. Phone No. (include area code) Ph: 575-748-6945 | 8. Well Name and No. CORVO FEDERAL 3H |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T24S R32E SESW 190FSL 1880FWL 32.181559 N Lat, 103.698669 W Lon | | 9. API Well No. 30-025-41911-00-X1 |
| | | 10. Field and Pool, or Exploratory PADUCA |
| | | 11. County or Parish, and State LEA 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 <input type="checkbox"/> Change to Original APD |
| | <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 recompleate 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 recompleation 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 Production LLC, respectfully requests approval for the following drilling changes to the original approved APD.

We will drill the vertical/curve from intermediate at 4500? to 8717? MD / 8445? TVD with 8-3/4? hole size as originally planned.
In the lateral, we want to reduce hole size from 8-3/4? to 7-7/8? to TD (13,000? MD / 8,445? TVD)
We want to modify the lead cement type on the production string to a lighter cement (Halliburton Tune Light @ 10.4 ppg) in an effort to avoid losses in the Brushy Canyon and circulate cement at least to a minimum of 500? inside the 9-5/8? (4000?), but volumes designed to circulate to surface.
5-1/2? Production String Cement
Lead : 800 sx of Haliburton Tune Light (10.4 ppg ? / 19.6 gal/sk / 3.32 cf/sk)
Lead Volume base on 30% excess of Annular Volume between 8-3/4? x 5-1/2? from our Kick Off Point

already drilled

14. I hereby certify that the foregoing is true and correct.
**Electronic Submission #265284 verified by the BLM Well Information System
For COG PRODUCTION LLC, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 11/05/2014 (15LJ0261SE)**

| | |
|------------------------------------|--------------------------|
| Name (Printed/Typed) MAYTE X REYES | Title REGULATORY ANALYST |
| Signature (Electronic Submission) | Date 09/23/2014 |

ACCEPTED FOR RECORD

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 _____ |

MAR 10 2015
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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

MAR 17 2015

Additional data for EC transaction #265284 that would not fit on the form

32. Additional remarks, continued

KOP at 7967? MD to Intermediate at 4500? plus Annular Volume between 9-5/8? 40 ppf x 5-1/2? Casings from 4500? (Int. Shoe) to Surface + 100 sx

Tail: 1000 sx of Versacem H (14.4 ppg ? 5.66 gal/sk 1.25 cf/sk)

(Tail Volume based on 20% excess of Annular Volume between 7-7/8? x 5-1/2? from End of Lateral 13,000? MD to End of Curve at 8717? and 20% excess of Annular Volume between 8-3/4? x 5-1/2? from 8717? (EOC) to our Kick Off Point KOP at 7967? MD).

Note: The excess adjustments are based on the fluid caliper results and excess cement returns observed on the Corvo Fed 2H. A fluid caliper will be run on this well (Corvo Fed 3H) and adjustments to these cited volumes may be requested.