

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

HOBBS OCD

JUL 28 2011

OCD. Hobbs

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

| | | |
|---|--|---|
| 1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. NMLC029509A |
| 2. Name of Operator COG OPERATING LLC | | 6. If Indian, Allottee or Tribe Name |
| 3a. Address 550 WEST TEXAS AVENUE SUITE 1300 MIDLAND, TX 79701-4287 | | 7. If Unit or CA/Agreement, Name and/or No. |
| 3b. Phone No. (include area code) Ph: 432-818-2319 Fx: 432-685-4396 | | 8. Well Name and No. MC FEDERAL 4 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T17S R32E NWSW 2310FSL 330FWL 32.819198 N Lat, 103.778993 W Lon | | 9. API Well No. 30-025-34933-00-S1 |
| | | 10. Field and Pool, or Exploratory MALJAMAR ; 4050 W - |
| | | 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 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 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)

5/05/11 MIRU
5/09/11 RIH set retainer @ 5274. Squeezed perms 5357 - 5473 w/300 sxs lead Class C cmt, and 300 sxs tail Class C cmt. Circ 25 bbls.
5/10/11 Drilled out cmt from 5274 to 5982, circ hole clean. Tested squeeze to 100#, test good.
5/13/11 TD new 6-1/8 hole @ 7044.
5/16/11 Ran 164 jts 4? L80 11.6# csg, set @ 7030. DV Tool @ 5744. Cmt?d w/130 sxs Class C cmt. Circ 84 sxs of cmt.
5/17/11 Drilled out DV tool, circ hole clean.
5/20/11 Tested frac valve to 6500# for 30 min, test good.
5/25/11 Perf Lower Blinbry 6650 - 6850, 1SPF, 26 holes.
5/30/11 Acidize Lower Blinbry w/ 3718 gals 15% HCL acid. Frac w/ 126,119

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

**Electronic Submission #112110 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by KURT SIMMONS on 07/05/2011 (11KMS0865SE)**

Name (Printed/Typed) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 07/01/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JAMES A AMOS
Title SUPERVISOR EPS

Date 07/24/2011

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 Hobbs

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 ****

APR 1 2012

Additional data for EC transaction #112110 that would not fit on the form

32. Additional remarks, continued

gals gel, 148,189# 16/30 White sand, 30,042# 16/30 SiberProp.
CBP @ 6580.
Perf Middle Blinebry 6350 - 6550 1SPF, 24 holes. Acidized w/4726 gals
15% HCL acid. Frac w/124,557 gals gel, 149,912# 16/30 White sand,
30,151# 16/30 SiberProp. CBP @ 6280.
Perf Upper Blinebry 6050 ? 6250 1SPF, 24 holes.
5/31/11 Acidized w/3990 gals 15% HCL acid. Frac w/119,753 gals gel, 144,488#
16/30 White sand, 24,848# 16/30 SiberProp.
6/03/11 Drill out plugs to PBTD 7000. Circ hole clean.
6/07/11 RIH w/178 jts 2-7/8? J55 6.5# tbq, EOT @ 5721.
6/08/11 RIH w/2-1/2? x 2? x 24? pump. Hang well on.