

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

007- Artesia  
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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

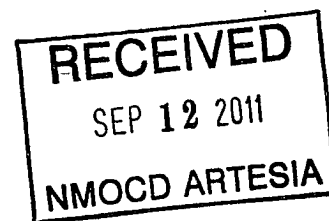
|  |  |   |
|--|--|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 5. Lease Serial No.<br>NMLC028793C                                |
| 2. Name of Operator<br>COG OPERATING LLC   |  | 6. If Indian, Allottee or Tribe Name                              |
| 3a. Address<br>550 WEST TEXAS AVENUE SUITE 1300<br>MIDLAND, TX 79701   |  | 7. If Unit or CA/Agreement, Name and/or No.<br>NMNM88525X         |
| 3b. Phone No. (include area code)<br>Ph: 432-685-4332  |  | 8. Well Name and No.<br>BURCH KEELY UNIT 602                      |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 23 T17S R29E SENW 2000FNL 1610FWL                  |  | 9. API Well No.<br>30-015-38644-00-S1                             |
|  |  | 10. Field and Pool, or Exploratory<br>GRAYBURG JACKSON SR-Q-GRBG- |
|  |  | 11. County or Parish, and State<br>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       | Drilling Operations                       |
|   | <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.)

07/18/11 Test 5-1/2 BOP to 3500 psi, ok. Perf Blinbry @ 4450 - 4750 w/ 1 SPF, 26 holes.  
07/20/11 Acidize w/3,000 gals acid. Frac w/124,272 gals gel, 143,527# 16/30 white sand, 31,591# 16/30 Siberprop sand.  
CBP @ 4430. Perf Paddock @ 4060 - 4400 w/1 SPF, 29 holes. Acidize w/ 3,000 gals acid. Frac w/ 122,264 gals gel, 151,413# 16/30 white 20,062# 16/30 Siberprop. Perform daily function test on BOP.  
07/25/11 Drill out plug. Clean out to PBD @ 4756.  
07/26/11 RIH w/141jts 2-7/8" 6.5# J55 tbg, EOT @ 4610'. RIH w/ 2-1/2"x2"x24' RHTC pump.  
07/29/11 Hang on well.



|   |                 |
|---|-----------------|
| 14. I hereby certify that the foregoing is true and correct.  |                 |
| Electronic Submission #116353 verified by the BLM Well Information System<br>For COG OPERATING LLC, sent to the Carlsbad<br>Committed to AFMSS for processing by KURT SIMMONS on 08/30/2011 (11KMS2426SE) |                 |
| Name (Printed/Typed) KANICIA CASTILLO   | Title PREPARER  |
| Signature (Electronic Submission)   | Date 08/29/2011 |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|   |                                      |                 |
|---|--------------------------------------|-----------------|
| Approved By <b>ACCEPTED</b>   | JAMES A AMOS<br>Title SUPERVISOR EPS | Date 09/03/2011 |
| 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 Carlsbad   |                                      |                 |

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 \*\***