

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD 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.**

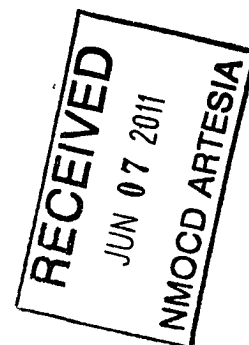
|   |   |
|---|---|
| 1 Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | 8 Well Name and No<br>ELECTRA FEDERAL 64          |
| 2 Name of Operator<br>COG OPERATING LLC   | 9 API Well No<br>30-015-38184-00-S1               |
| 3a Address<br>550 WEST TEXAS AVENUE SUITE 1300<br>MIDLAND, TX 79701   | 10 Field and Pool, or Exploratory<br>LOCO HILLS   |
| 3b Phone No (include area code)<br>Ph: 432-686-3087   | 11 County or Parish, and State<br>EDDY COUNTY, NM |
| 4 Location of Well (Footage, Sec, T, R, M, or Survey Description)<br>Sec 10 T17S R30E Lot D 330FNL 525FWL                       |   |

**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 checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Deepen                               |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Fracture Treat                       |
|   | <input type="checkbox"/> New Construction                     |
|   | <input type="checkbox"/> Plug and Abandon                     |
|   | <input type="checkbox"/> Plug Back                            |
|   | <input type="checkbox"/> Production (Start/Resume)            |
|   | <input type="checkbox"/> Reclamation                          |
|   | <input type="checkbox"/> Recomplete                           |
|   | <input type="checkbox"/> Temporarily Abandon                  |
|   | <input type="checkbox"/> Water Disposal                       |
|   | <input type="checkbox"/> Water Shut-Off                       |
|   | <input type="checkbox"/> Well Integrity                       |
|   | <input checked="" type="checkbox"/> Other Drilling Operations |

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 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.)

4/5/11 Test 5-1/2 csg 3500psi, ok.  
4/7/11 Perf Lower Blinbry @ 5600-5800 w/1 SPF, 26 holes  
4/8/11 Acidize w/3,500 gals acid Frac w/114,850 gals gel, 148,400# 16/30 White sand, 30,000# 16/30 CRC Set comp plug @ 5490 Perf Middle Blinbry @ 5260-5460 w/1 SPF, 26 holes. Acidize w/3,500 gals acid Frac w/114,850 gals gel, 148,400# 16/30 White sand, 30,000# 16/30 CRC Set comp plug @ 5220 Perf Upper Blinbry @ 4990-5190 w/1 SPF, 26 holes Acidize w/3,500 gals acid. Frac w/114,850 gals gel, 148,400# 16/30 White sand, 30,000# 16/30 CRC Set comp plug @ 4795 Perf Paddock @ 4540-4765 w/1 SPF, 26 holes. Acidize w/3,000 gals acid Frac w/101,900 gals gel, 114,600# 16/30 White sand, 15,000# 16/30 CRC  
4/13/11 Drill out plugs. Clean out to PBTD 6055  
4/14/11 RIH w/170jts 2-7/8 6.5# J55 tbg, SN @ 5556  
4/17/11 RIH w/2-1/2x2-1/4x24 pump Hang on well



|  |                                      |                |
|--|--------------------------------------|----------------|
| 14 Thereby certify that the foregoing is true and correct<br>Electronic Submission #108722 verified by the BLM Well Information System<br>For COG OPERATING LLC, sent to the Carlsbad<br>Committed to AFMSS for processing by DEBORAH MCKINNEY on 05/24/2011 (11DLM0764SE) | Name (Printed/Typed) CHASITY JACKSON | Title PREPARER |
| Signature (Electronic Submission)  | Date 05/20/2011                      |                |

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

|   |                                      |                 |
|---|--------------------------------------|-----------------|
| Approved By <b>ACCEPTED</b>   | JAMES A AMOS<br>Title SUPERVISOR EPS | Date 05/28/2011 |
| 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