

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**RECEIVED**  
JUL 21 2010  
NMOCD ARTESIA

**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.**

<p>1. Type of Well  <input checked="" type="checkbox"/> Oil Well   <input type="checkbox"/> Gas Well   <input type="checkbox"/> Other</p>	<p>5. Lease Serial No. NMNM074935</p>
<p>2. Name of Operator COG OPERATING LLC</p>	<p>6. If Indian, Allottee or Tribe Name</p>
<p>3a. Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701</p>	<p>7. If Unit or CA/Agreement, Name and/or No.</p>
<p>3b. Phone No. (include area code) Ph: 432-685-4332</p>	<p>8. Well Name and No. ELECTRA FEDERAL 48</p>
<p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T17S R30E NESW 1650FSL 2310FWL</p>	<p>9. API Well No. 30-015-37279-00-S1</p>
<p>10. Field and Pool, or Exploratory LOCO HILLS</p>	<p>11. County or Parish, and State EDDY COUNTY, NM</p>

**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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Acidize <input type="checkbox"/> Alter Casing <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change Plans <input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Deepen <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 recomplete 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.)

5/24/10 Test 5-1/2 csg 3500psi for 30min, ok.  
 5/25/10 Perf Lower Blinetry @ 5600 - 5800 w/ 1 SPF, 26 holes.  
 5/26/10 Acidize w/3,500 gals acid. Frac w/55,136 gals gel, 28,620# 16/30 Ottawa sand. Set comp plug @ 5530. Perf Middle Blinetry @ 5300 - 5500 w/1 SPF, 26 holes. Acidize w/3,500 gals acid. Frac w/97,160 gals gel, 100,979# 16/30 Ottawa sand. Set comp plug @ 5230. Perf Upper Blinetry @ 5000 - 5200 w/ 1 SPF, 26 holes. Acidize w/3,500 gals acid. Frac w/143,503 gals gel, 185,396# 16/30 Ottawa sand, 47,955# 16/30 Siberprop. Set comp plug @ 4790. Perf Paddock @ 4490 - 4760 w/1 SPF, 26 holes. Acidize w/2,500 gals acid. Frac w/145,925 gals gel, 178,911# 16/30 Ottawa sand, 22,934# 16/30 Siberprop.  
 5/28/10 Drill out plugs. Clean out to PBDT 5967.  
 6/01/10 RIH w/140jts 2-7/8" J55 6.5# tbg, EOT @ 4365'.  
 6/02/10 RIH w/ 2-1/2"x2"x24" pump. Hang on well.

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

**Electronic Submission #89878 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 07/21/2010 (10KMS1828SE)**

Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 07/20/2010

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

<p>Approved By <b>ACCEPTED</b></p>	<p>ROGER HALL Title PETROLEUM ENGINEER</p>	<p>Date 07/23/20</p>
<p>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.</p>		<p>Office Carlsbad</p>

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.

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