

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.*

**RECEIVED**  
OCD Hobbs  
JAN 20 2010  
HOBBSUCD

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

<b>SUBMIT IN TRIPLICATE - Other instructions on reverse side.</b>		5. Lease Serial No NMLC028936D ✓
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator ✓ COG OPERATING LLC		7. If Unit or CA/Agreement, Name and/or No
3a. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701		8. Well Name and No. LOCO HILLS SWD 33 4 ✓
3b. Phone No. (include area code) Ph: 432-685-4332		9. API Well No. 30-015-37269 ✓
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T17S R30E 840FSL 660FEL		10. Field and Pool, or Exploratory SWD;WOLFCAMP ✓
11. County or Parish, and State EDDY 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Recomplete
	<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
	<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.)

COG Operating LLC respectfully request to change the surface cement slurry on APD.

Reason for modification: Acquisition of materials.

Casing string: Surface

Slurry Modified: Lead

Slurry Properties:

Premium Plus - Lead

Premium Plus Cement

94 lbm/sk Premium Plus Cement (Cement)

4 % Bentonite (Additive Material)

2 % Calcium Chloride - Flake (Accelerator)

Cement must come to surface if cement  
does not circulate contact the BLM.

**Accepted for record**  
**NMOC** *RS* 2/2/10

14 I hereby certify that the foregoing is true and correct. Electronic Submission #80170 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad	
Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 01/15/2010
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	
<b>APPROVED</b>	
Approved By	Title
JAN 15 2010	
s/ Chris Walls	
BUREAU OF LAND MANAGEMENT	

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.

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #80170 that would not fit on the form**

**32. Additional remarks, continued**

0.125 lbm/sk Poly-E-Flake (Additive Material)  
5 lbm/sk Gilsonite (Additive Material)

Fluid Weight 13.50 lbm/gal  
Slurry Yield: 1.75 ft<sup>3</sup>/sk  
Total Mixing Fluid: 8.68 Gal/sk  
Top of Fluid: 0 ft  
Calculated Fill: 0 ft  
Volume: 53.11 bbl  
Calculated Sacks: 170 sks  
Proposed Sacks: 170 sks