

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

RM

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC028936D /
2. Name of Operator COG OPERATING LLC /		6. If Indian, Allottee or Tribe Name
3a. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-685-4332		8. Well Name and No. LOCO HILLS SWD 33 4 /
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T17S R30E 840FSL 660FEL		9. API Well No. 30-015-37269 /
10. Field and Pool, or Exploratory SWD, WOLFCAMP /		11. County or Parish, and State EDDY COUNTY, NM /

RECEIVED
JAN 25 2010
NMOCD ARTESIA

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.)

COG Operating LLC respectfully request to change the intermediate cement.

Reason for change:

COG requests this modification for reasons of material availability and mix water conditions.

Lead Slurry: Halliburton Light Premium Plus
Halliburton Light Premium Plus
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)
5 lbm/sk Gilsonte (Lost Circulation Additive)
5 % Salt (Salt)

Fluid Weight: 12.90 lbm/gal

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

14. I hereby certify that the foregoing is true and correct. Electronic Submission #80370 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 01/20/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date JAN 20 2010
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 _____	/s/ Chris Walls

BUREAU OF LAND MANAGEMENT

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 any statement or representation to any officer or employee 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 ****

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Additional data for EC transaction #80370 that would not fit on the form

32. Additional remarks, continued

Slurry Yield: 1.88 ft³/sk
Total Mixing Fluid: 9.57 Gal/sk
Top of Fluid: 0 ft
Calculated Fill: 3153 ft
Volume: 501.19 bbl
Calculated Sacks: 1500 sks
Proposed Sacks: 1500 sks

Tail In Slurry: Premium Plus
Premium Plus Cement
94 lbm/sk Premium Plus Cement (Cement)

Fluid Weight: 14.80 lbm/gal
Slurry Yield: 1.33 ft³/sk
Total Mixing Fluid: 6.34 Gal/sk
Top of Fluid: 3153 ft
Calculated Fill: 847 ft
Volume: 70.85 bbl
Calculated Sacks: 300 sks
Proposed Sacks: 300 sks