

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD 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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other INJECTION		5 Lease Serial No NMNM0384574
2 Name of Operator COG OPERATING LLC		6 If Indian, Allocated or Free Name
3a Address 550 W TEXAS, STE 1300 FASKEN TOWER II MIDLAND, TX 79701		7 If Unit or CA (Permitting) No. and/or No.
3b Phone No (include area code) Ph 432-685-4332		8 Well Name and Location LOC 01115 SWD 34.3
4 Location of Well (Footage Sec T R M, or Survey Description) Sec 34 T17S R30E NWSE 1375FSL 2555FEL		9 API Well No. 30-015-37270-00-X1
		10 Field and Pool, or Exploratory UNDESIGNATED
		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 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 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.)

APD Surface Cement Blend Change, Lead Slurry Only

Environmental conditions related to cold water temperatures and water chemistry required a change in the lead slurry of the surface cement. The APD called for Class C Light Extended Cement w/ a yield of 1.98 cu ft per sx. This cement would not have met Onshore Order 2 requirements of 500 psig compressive in 12 hours. Therefore and change was made to a cement blend that would achieve the required strength. Class 70 cement w/ 2% Calcium Chloride, 4% Bentonite, 5 lbm Gilsonite and 0.125 lbm of Flake was substituted. This blend has a yield of 1.75 cu ft per sx.

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #79020 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by CHERYLE RYAN on 12/18/2009 (10CMR0133SE)	
Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 12/18/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	CHRISTOPHER WALLS Title PETROLEUM ENGINEER	Date 12/21/2009
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 1712, 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 **