

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8 Well Name and No Multiple--See Attached
2 Name of Operator COG OPERATING LLC		9 API Well No Multiple--See Attached
3a Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287		10 Field and Pool, or Exploratory GRAYBURG JACKSON SR-Q-GRE
3b Phone No. (include area code) Ph. 432-685-4332		11 County or Parish, and State EDDY COUNTY, NM
4 Location of Well (Footage, Sec, T, R, M, or Survey Description) Multiple--See Attached		

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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" 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.)

5/20/10 MIRU.

5/22/10 Clean to PBTD @ 4681? RIH w/5-1/2? pkr and RBP. Set RBP @ 3289? test to 500#. set pkr @ 2975?. Establish injection rate of 4 BPM @ 300# Release pkr/RBP. Set RBP @ 3601. Set Pkr @ 3289. Establish inj rate of 4.4 BPM @ 300# Release pkr/RBP. Set RBP @ 4369. Test to 500#. Dump 2 sxs of sand on RBP.

5/23/10 Set Retainer @ 3287 w/ 400 sx C. Squeeze perfs @ 3341-3556. Set retainer @ 2940 w/ 200sx C. Sting out of retainer Test annulus to 500 psi for 30 min.

5/28/10 Drill cmt fro 2992-3235, and fell out. Drill stringers to 3259. Test squeeze perfs 3013-3227 to 500# for 30 min, ok.

6/8/10 Mix and pump 80 sx C. set pkr @ 2686

6/9/10 Release pkr. top set of perfs 3013-3227.

6/10/10 Test to 500 psi for 30 min. Drill out cmt plugs and release RBP Clean out PBTD @ 4681?,

RECEIVED

SEP 13 2010

NMOCD ARTESIA

NMOCD - BEGIN DATE OF INJECTION REQUIRED. RE 9/14/10

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #91171 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 08/11/2010 (10CMR0177SE)	
Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 08/11/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	DUSTIN WINKLER Title PETROLEUM ENGINEER	Date 09/09/20
	Office Carlsbad	

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #91171 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMLC054988B	NMLC054988B	JENKINS B FEDERAL 11	30-015-30665-00-C1	Sec 20 T17S R30E NWNW 330FNL 990FWL
NMLC054988B	NMLC054988B	JENKINS B FEDERAL 11	30-015-30665-00-C2	Sec 20 T17S R30E NWNW 330FNL 990FWL

32. Additional remarks, continued

circ clean

6/11/10 RIH w/5-1/2? treating pkr, set pkr @ 4207?.

6/14/10 Acidize w/2500 gals 15% HCl. Release pkr RIH w/5.5" AS -1X w/ on/off tool containing

1.875"x nipple. RIH w/134jts 2-7/8? 6.5# J-55 inj tbg & inj pkr Set pkr @ 4208?. Test annulus to 500#, ok

6/15/10 Release on.off tool. Pump plug out of pkr @ 1850# Run MIT test 500# good test. Ready for injection.