

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NCD. 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.**

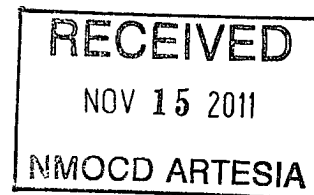
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC029020L
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No
3b. Phone No. (include area code) Ph: 432-818-2319 Fx: 432-685-4396		8. Well Name and No SHAWNEE FEDERAL 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T17S R30E NWSE 1650FSL 2310FEL		9. API Well No. 30-015-30628-00-S1
		10. Field and Pool, or Exploratory LOCO HILLS
		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 checked="" 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 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)

8/23/11 MIRU
8/24/11 POOH w/Prod Tbg
8/25/11 TIH w/ retainer & set @ 4383. Squeezed Perfs f/4467 - 4829 w/ Lead
300 sxs Class C and tail 300 sxs Pre-Plus Class C. Circ 40 sxs.
8/26/11 Drill out retainer & cmt.
8/29/11 Drilled new open hole.
8/31/11 TD new open hole @ 6218.
9/01/11 Run 32 jts 4?, L80 11.6# @ 6199. DV tool @ 4827. Cmt w/ 200 sxs
Pre-Plus Class C, circ 40 bbls.
9/02/11 Drill out DV tool and circ hole clean.
9/12/11 Pressure test to 5000# for 30min, good.
9/29/11 Perf Lower Blinebry 5706 ? 5940, 1 SPF, 51 holes. Acidize w/



Accepted for record

NMOCD

J. Wade 02/22/12

14. I hereby certify that the foregoing is true and correct	
Electronic Submission #121394 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 10/31/2011 (11KMS1069SE)	
Name (Printed/Typed) NETHA AARON	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 10/26/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 11/02/2011
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 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 #121394 that would not fit on the form

32. Additional remarks, continued

5000 gals 15% HCL acid. Frac w/ 189,000 gals gel, 198,961# 16/30 white sand, 22,328# CRC. CBP @ 5650.
Perf Middle Blinbry 5405 - 5610, 1 SPF, 34 holes. Acidize w/ 5000 gals 15% HCL acid. Frac w/ 156,000 gals gel, 143,563# 16/30 white sand, 40,160# CRC. CBP @ 5350.
Perf Upper Blinbry 5110 - 5310, 1 SPF, 24 holes. Acidize w/ 2500 gals 15% HCL acid. Frac w/ 115,000 gals gel, 145,987# 16/30 white sand, 39,355# CRC.
10/04/11 Drill out CBP?s. PBTD @ 6078.
10/07/11 Ran 159 jts of 2-7/8? J55, 6.5# tbq, EOT @ 4794.
10/10/11 RIH w/ 2-1/2 x 1-3/4 x 20 pump. Turn to production.