

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		5. Lease Serial No. NMNM94595
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: 432-221-0467		8. Well Name and No. REDBUD FEDERAL 4
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T17S R27E NENW 1012FNL 2268FWL		9. API Well No. 30-015-39762-00-S1
		10. Field and Pool, or Exploratory RED LAKE
		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 Drilling Operations
	<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	

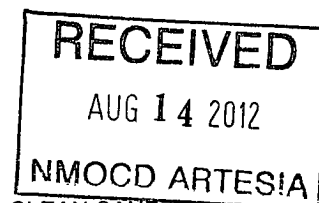
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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.)

5/07/12 TEST CSG TO 3500PSI, HOLD FOR 30MIN. RAISE PRESSURE TO 5200PSI, HOLD FOR 30MIN, TESTED GOOD

5/08/12 PBTD@ 4673, PERFROATED LOWER BLINBRY@ 4275'-4500', 26 SHOTS 1 SPF

5/09/12 Acidize w/2500 gal 15%, Frac w/743gals. gel carrying 135,856# 16/30 brown+30,062# SP, Perf mid blinbry 3990'-4215', 26shots, 1spf, acidize w/1500 15%, frac w/119,414gals. gel carrying 146,480# 16/30 brown+ 26,874# SP, Perf upper blinbry 3705'-3930', 26shots, 1spf, acidize w/1500 gal 15%, frac w/118,715gals. gel carrying 144,877# 16/30 brown+26,299# SP. Perf Paddock 3200'-3450', 26shots, 1spf, acidize w/1500 gal 15%, frac w/101,721gals. gel carrying 124,602# 16/30 brown+13,233# SP

5/20/12, CLEAN SAND DOWN TO 3480' DRILL 1ST CBP, LOWER BIT TAG SAND@ 3851' W /1 19 JTS, CLEAN SAND



14. I hereby certify that the foregoing is true and correct. Electronic Submission #144256 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 08/03/2012 (12KMS2674SE)	
Name (Printed/Typed) BRIAN MAIORINO	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 07/31/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 08/11/2012
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 #144256 that would not fit on the form

32. Additional remarks, continued

DOWN TO 3960' DRILL 2ND CBP, LOWER BIT TAG SAND@ 4138
W/128 JTS, CLEAN SAND DOWN TO 4245' DRILL 3RD CBP, LOWER BIT TAG SAND@ 4518' W/139 JTS, CLEAN SAND
DOWN TO 4681' FLOAT COLLAR, CIRCULATED HOLE CLEAN

5/21/12 TIH W/2 7/8 B PLUG, 5= 2 7/8 NEW MA JTS, 2 7/8 DESANDER, 2 7/8 S NIPLE, 38= 2 7/8 NEW TBG,
5 1/2 TAC, 2= 2 7/8 NEW TBG, 2 7/8 MARKER JT, 90= 2 7/8 NEW TBG, ND BOP NU WELL HEAD, SET TAC W/16
PNTS OF TENCION, TIH W/2 1/2 X 2" X 24' INSERT TRASH PUMP, 7/8 X 33K SHEER TOOL, 1'X 1" LIFT SUB,
16= 1 1/2 TIPE C S BARS, 78= KD STEEL RODS

5/24/12 CONT RUNNING FG RODS RUN 48= FG RODS 18' 6' FG SUBS, 11/2 POLISH ROD, HANG WELL ON LOAD AND
TEST TBG AND PUMP, TEST OK, TO 500 LBS, RDMO, turn over to production