

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTJAN 21 2009
OCD-ARTESIAFORM 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. NMLC029338B
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 550 W TEXAS, STE 1300 FASKEN TOWER II 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. HARVARD FEDERAL 5
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T17S R30E SENE 2310FNL 990FEL		9. API Well No 30-015-34709-00-C2
		10. Field and Pool, or Exploratory GRAYBURG JACKSON
		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 Workover Operatic
	<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.)

DHC-4036 Hung on SA perfs only.

10/13/08 RU WSU, unhang well, unable to unseat pump, back off rods at backoff tool pull rods, swab TBG dry, TOOH tallying 2 7/8 TBG, (171 JTS = MUD jt), LD Tac and pump, TIH with 4 3/4 bit and scraper to 4600" KB, TOOH with 31 stands.

10/14/08 Finish TOOH LD bit and scraper, TIH with RBP, PKR, and 146 JTS 2 7/8 6.5# J-55 TBG, set RBP @ 4526' KB, pull 9 JTS, set PKR @ 4227' KB, perfs at 4250 to 4450', swab 60 BBLS water, fluid level 2400', catch sample release PKR, TIH with 9 JTS, release RBP, reset RBP @ 4227' KB, reset PKR @ 3956' KB, start swabbing, fluid level 2100', swab back 60 BBLS water, catch sample.

10/15/08 Release PKR and TIH with 9 JTS, release RBP, pull RBP up to 3940 and reset reset PKR @ 3662' KB, perfs 3710' to 3910', swab back 60 BBLS, catch sample rest RBP @ 3662' KB, Pkr @ 3353' KB, fluid level 1700', swab back 58 water, 17 oil, final fluid level 2700'.

10/16/08 SITP 100 PSI, fluid level 2,000', 1st sample 70% oil, made 33 runs fluid level 2600', pull

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #65777 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 12/29/2008 (AFMSS 055995)	
Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 12/22/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED		JAMES A AMOS Title SUPERVISOR EPS		Date 01/18/2009
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		2009

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 #65777 that would not fit on the form

32. Additional remarks, continued

from seat nipple, recover 80 BBLS water, 53 BBLS oil, (colorcut) last sample 30% oil.

10/17/08 SITP 100 PSI, initial fluid level 2000', 1st sample 75% oil, make 25 swab runs ending fluid level 2600', recover 60 water, 37 oil, secure well.

10/18/08 Release RBP.

10/20/08 SITP 100 PSI. Fluid level TOO. LR PKR & RBP. TIH with CIBP and 146 JTS 2 7/8" TBG, set CIBP @ 4528' KB. TOO. TIH with CIBP and 118 JTS 2 7/8" TBG, set CIBP @ 3662' KB, TOO. TIH with mud jt., 4' x 2 7/8" perf sub, seat nipple, 6 JTS 2 7/8 TBG, 5 1/2 x 2 7/8 TAC, 2 JTS 2 7/8 TBG, 2' x 2 7/8 marker sub, 108 JTS 2 7/8 TBG, (mud JT at 3642', 4' perforated sub @ 3610' KB, seat nipple @ 3606' KB, 2' marker JT at 3355' KB), ND BOP, set TAC in 12K tension, flange well up. 10/21/08 TIH with 2.5 x 2.0" x 20' pump, 12 x 1 3/8" K-Bars, 86 x 3/4 " rods, 38 x 7/8 rods, 1 x 8' x 6' x 2' x 7/8 pony rods, 1 1/4" x 26' polish rod, 1 1/2" x 1 1/4" x 16' liner, Hang well on. Load and test pump. RDMO WSU. Well pumping. Turn over to production.