

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.**5. Lease Serial No  
NMLC029338B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
COG OPERATING LLCContact: KANICIA CARRILLO  
E-Mail: kcarrillo@conchoresources.com8. Well Name and No.  
HARVARD FEDERAL 69. API Well No.  
30-015-35124-00-C23a. Address  
550 W TEXAS, STE 1300 FASKEN TOWER II  
MIDLAND, TX 797013b. Phone No. (include area code)  
Ph: 432-685-433210. Field and Pool, or Exploratory  
GRAYBURG JACKSON

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 12 T17S R30E SWNW 2310FNL 330FWL

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	
	<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 to 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.)

DHC-4033 Hung on SA perfs only.

09/30/08 MIRU WSU. Unseat pump. TOO H with rods and pump, release TAC. NU BOP, TOO H tallying 2 7/8" J-55 TBG., ( 183 JTS. ). TIH with 4 3/4 BIT, 5 1/2 scraper and TBG to 4800' KB. TOO H LD bit and scraper. TIH with RBP and PKR and 2 7/8 TBG. Set RBP @4617. Test RBP to 500 PSI, tested OK. Pull PKR up and set @ 4245' KB.

10/01/08 Swab perfs 4290 to 4490'. Recover 58 BBLS, catch sample. Move PKR and RBP. Straddle perfs 4000' to 4200'. Swab back 52 BBLS catch sample. Move PKR and RBP. Straddle perfs 3730' to 3930'.

Swab back 50 BBLS. Catch sample, move PKR and RBP up to straddle perfs 3460' to 3660'.

10/02/08 SITP 0 PSI, PKR @3437' KB, RBP @ 3688' KB, San Andres perfs @ 3460' to 3660'. Fluid level on 1st run, 1900' from surface. Swab back 50 BBLS. Catch sample, 100% oil. Continue to swab. Oilcut started to decrease. Made total of 24 runs. Fluid level 2500' from surface. Recovered 66 BBLS oil, 44 BBLS water, Secure well, SION. Oil cut 80% on last run.

14. Thereby certify that the foregoing is true and correct

Electronic Submission #65719 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 (09KMS0564SE)

Name (Printed/Typed) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 12/18/2008

JAN 21 2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Garry Guye, Deputy Field Inspector

NMLC-District II ARTESIA

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

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 #65719 that would not fit on the form**

### **32. Additional remarks, continued**

10/03/08 SITP 130 psi. Fluid level 2300', 1st run 80% oil, as we swabbed oil cut decreased, made 16 runs. Recovered 66 BBLS water, 13 BBLS oil. Final fluid level 2500', total oil in tank 79 BLS.

10/06/08 SITP 130 PSI. Make 4 swab runs. Fluid level 2500', 1st run 90% oil, 4th run 40% oil. Release PKR. Retrieve RBP. Reset RBP @ 3437' KB. Reset PKR @ 3126' KB. Start swabbing. Fluid level 2800', first run 70% oil, hard blow of gas after every run. Fluid level staying @ 2800'. Recover 27 oil 21 water.

10/07/08 SITP 250 PSI. Fluid level 2300'. 1st run 90% oil, well has hard gas blow in between runs. Fluid level 2700' Swab well dry. Make hourly runs, 200'. Fluid entry per hour. Recover 7 BBLS water, 9 BBLS oil. Fluid level 2850' last run, sample 70% oil.

10/09/08 SITP 245 PSI. Fluid level 2500'. 1st run 90% oil. Pump 10 bbls water down tbg, Release pkr. TIH to RBP, release RBP. Reset RBP at 4600'. Reset PKR @ 4587' KB, test RBP to 1,000, held. TOOH with tbg laying down 65 jts. TIH with pkr, RBP and TBG. set RBP @ 3713' KB, set pkr and test RBP to 1,000 psi, held. TOOH LD PKR. TIH with 2 7/8 mud JT, 4' x 2 7/8 perforated sub, 2 7/8 seat nipple, 1 jt Endura Alloy TBG, 15 JTS 2 7/8, 5 1/2" x 2 7/8 TAC, 2 JTS 2 7/8, 2' x 2 7/8 marker sub, 98 JTS 2 7/8 TBG. ND BOP, set TAC in 10K tension, flange well up, TIH with 2.0 x 2.5 x 20' pump with 6' gas anchor, 12 x 1 3/8" K-bars, 82 x 3/4" rods, 48 x 78 rods, 1 x 2' x 7/8 sub, 1 14 x 26' polish rod, with 1 1/4" x 1 1/2" x 16' liner. Space out well. Hang well on. Load and test pump to 500 PSI, tested good. RDMO WSU.