

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCT 03 2008  
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.*

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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 ☐ Other8. Well Name and No.  
HARVARD FEDERAL 112. Name of Operator  
COG OPERATING LLCContact KANICIA CARRILLO  
E-Mail: kcarrillo@conchoresources.com9 API Well No.  
30-015-359603a. Address  
550 WEST TEXAS AVE STE 1300  
MIDLAND, TX 797013b. Phone No. (include area code)  
Ph: 432-685-433210 Field and Pool, or Exploratory  
LOCO HILLS; GLORIETA-YESO

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

Sec 12 T17S R30E 330FNL 990FWL  
32.85526 N Lat, 103.93024 W Lon11. 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 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.)

08/29/08 Perf @ 5700 - 5900 w/ 2 SPF, 48 holes. PBTD @ 6004'. Acidize w/2,500 gals acid. Frac w/133,000 gals gel, 147,487# 16/30 sand, 31,634# Siberprop sand. Set comp plug @ 5650'. Perf @ 5400 - 5600 w/2 SPF, 36 holes. Acidize w/2,500 gals acid. Frac w/120,000 gals gel, 144,660# 16/30 sand, 28,131# Siberprop sand. Set comp plug @ 5360'. Perf @ 5110 - 5310 w/ 2 SPF, 36 holes. Acidize w/2,500 gals acid. Frac w/77,000 gals gel, 67,387# 16/30 sand, 10,662# siberprop sand.  
09/05/08 Set drill plug @ 5360.  
09/08/08 Drilled out. Drill out plugs. Clean out to PBTD 6004'. RIH w/ 155jts 2-7/8" J55 tbg, SN @ 5003'. RIH w/ 2-1/2"x2"x25" RHTC pump. Hang on well.

14 I hereby certify that the foregoing is true and correct.

**Electronic Submission #63372 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad.**

Name (Printed/Typed) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 09/25/2008

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

Approved By _____	Title _____	Date _____
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 _____

**Accepted for record  
NMOCD**

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.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***