

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOCD - 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. NMLC029338B
2. Name of Operator COG OPERATING LLC Contact: NETHA AARON E-Mail: aaaron@conchoresources.com		6. If Indian, Allottee or Tribe Name
3a. Address 550 WEST TEXAS SUITE 100 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-818-2319 Fx: 432-685-4396	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T17S R30E 2110FNL 275FEL 32.85037 N Lat, 103.93437 W Lon		8. Well Name and No. HARVARD FEDERAL 16
		9. API Well No. 30-015-37828
		10. Field and Pool, or Exploratory LOCO HILLS; GLORIETA YESO
		11. County or Parish, and State EDDY COUNTY 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 recompleate 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 recompleation 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.)

1/12/11 Test 5-1/2 csg 3500psi, ok.
1/18/11 Perf Lower Blinbry @ 5648 - 5848 w/1 SPF, 26 holes.
1/19/11 Acidize w/3,500 gals acid. Frac w/123,927 gals gel, 144,320# 16/30
Ottawa Sand, 29,388# 16/30 Siberprop. Set CBP @ 5600.
Perf Middle Blinbry @ 5370 - 5570 w/1 SPF, 26 holes. Acidize
w/3,500 gals acid. Frac w/124,335 gals gel, 144,690# 16/30 Ottawa
Sand, 32,163# 16/30 Siberprop. Set CBP @ 5325.
Perf Upper Blinbry @ 5100 - 5300 w/1 SPF, 26 holes.
1/20/11 Acidize w/3,500 gals acid. Frac w/124,230 gals gel, 142,540# 16/30
Ottawa sand, 28,239# Siberprop. Set CBP @ 4930.
Perf Paddock @ 4620 - 4900 w/1 SPF, 26 holes. Acidize w/2,500 gals
acid. Frac w/116,962 gals gel, 119,198# 16/30 Ottawa sand, 28,239#

ACCEPTED FOR RECORD

MAR 12 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

Electronic Submission #103541 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 03/02/2011

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

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 **

Accepted for record - NMOCD

Additional data for EC transaction #103541 that would not fit on the form

32. Additional remarks, continued

16/30 Siberprop.

1/24/11 Drill out plugs. Clean out to PBTD 6090.

1/25/11 RIH w/173jts 2-7/8" J55 6.5# tbg, EOT @ 5746. RIH w/ 2-1/2"x1-3/4"x24' insert pump.

1/26/11 Hang on well.