

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**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.

ocd- Artesia

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 20105. Lease Serial No.
NMLC029338B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
HARVARD FEDERAL 19 ✓9. API Well No.
30-015-37187-00-S110. Field and Pool, or Exploratory
LOCO HILLS
LOCO HILLS GLORIETA-YESO11. County or Parish, and State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

✓ ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

COG OPERATING LLC ✓

Contact: NETHA AARON

E-Mail: oaaron@concho.com

3a. Address

550 WEST TEXAS AVENUE SUITE 1300
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-818-2319
Fx: 432-685-4396

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

Sec 12 T17S R30E SWNW 1650FNL 330FWL ✓

UL E

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 checked="" 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 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 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.)

Adding Paddock perfs:

5/15/11 MIRU

5/16/11 Set RBP @ 4946.

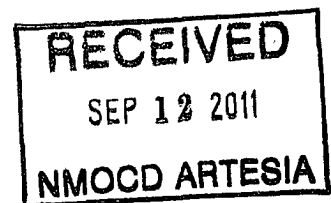
5/19/11 Tested BOP to 3500# for 30 min, Good. Perf Paddock @ 4623 - 4876 w/ 1 SPF, 26 holes.

5/23/11 Acidize w/3000 gals 15% HCL acid.

5/24/11 Frac w/198,638 gals gel, 147,197# 16/30 Brady sand, 15,500# 16/30 SiberProp.

6/03/11 Release RBP.

6/08/11 RIH w/ 177 jts 2-7/8" J55 tbg, EOT @ 5576. RIH w/ 2-1/2" x 2" x 24' pump. Hang on well.

DJA 9-14-11
Accepted for record - NMOC

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

Electronic Submission #116084 verified by the BLM Well Information System

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/29/2011 (11DLM1242SE)

Name (Printed/Typed) NETHA AARON

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 08/25/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJAMES A AMOS
Title SUPERVISOR EPS

Date 09/04/2011

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 ****