

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD 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.**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 ☐ Other

8. Well Name and No.

HARVARD FEDERAL 13

2. Name of Operator

COG OPERATING LLC

Contact: NATALIE KRUEGER

E-Mail: nkrueger@conchoresources.com

9. API Well No.

30-015-37827-00-X1

3a. Address

550 WEST TEXAS AVENUE SUITE 100
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)

Ph: 432-231-0300

10. Field and Pool, or Exploratory

LOCO HILLS GLORIETA-YESO

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

Sec 11 T17S R30E Lot A 623FNL 880FEL

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 Well Spud
	<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.)

10/08/10 Spud 17-1/2 hole @ 1:00 am. TD @ 10:45 am @ 443. Ran 9 jts 13-3/8 48# H40 STC @ 400. Cmt w/ 450 sx C. PD @ 5:00 pm. Circ 109 sx.

10/09/10 WOC 18 hrs. Test BOP to 1000# for 30 min, ok.

10/10/10 TD 11 hole @ 1327. Ran 30 jts 8-5/8 24# J55 STC @ 1327. Cmt w/ 300 sx C lead, 200 sx C tail. PD @ 6:00 pm. Circ 139 sx.

10/11/10 WOC 18 hrs. Test BOP to 2000# for 30 min, ok.

10/17/10 TD 7-7/8 hole @ 6278.

10/18/10 Ran 102 jts 5-1/2 17# J55 LTC & 44 jts 5-1/2 17# L80 LTC @ 6268. DVT @ 2727. Stage 1, cmt w/ 650 sx C. PD @ 1:00 pm. Circ 225 sx. Stage 2, cmt w/ 650 sx C lead, 300 sx C tail. PD @ 8:30 pm. Circ 103 sx.

10/19/10 WOC 24 hrs. Will test csg to 2500# for 30 min on completion rig. RR.

RECEIVED

NOV 15 2010

NMOCD ARTESIA

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

Electronic Submission #95438 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by CHERYLE RYAN on 10/21/2010 (11CMR0080SE)

Name (Printed/Typed) NATALIE KRUEGER

Title PREPARER

Signature (Electronic Submission)

Date 10/21/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDROGER HALL
Title PETROLEUM ENGINEER

Date 11/09/20

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 ****