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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.  
NMLC029342D

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
MIRANDA FEDERAL 19. API Well No  
30-015-37320-00-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: KANICIA CARRILLO

E-Mail: kcarrillo@conchoreources.com

3a. Address

550 W TEXAS, STE 1300 FASKEN TOWER II  
MIDLAND, TX 79701

3b. Phone No (include area code)

Ph: 432-685-4332

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

Sec 9 T17S R30E SENW Lot F 2310FNL 1650FWL

## 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 recomplate 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.)

3/15/10 Test BOP to 3500psi for 30min, ok.

3/16/10 Perf Lower Blinbry @ 5350 - 5550 w/ 1 SPF, 26 holes. Acidize w/2,500 gals acid. Frac w/116,000 gals gel, 140,212# 16/30 White sand, 33,674# 16/30 Optiprop sand. Set comp plug @ 5310.

Perf Middle Blinbry @ 5080 - 5280 w/1 SPF, 26 holes. Acidize w/2,500 gals acid. Frac w/ 115,000 gals gel, 143,589# 16/30 White sand, 32,978# 16/30 Optiprop sand. Set comp plug @ 5040. Perf Upper

Blinbry @ 4810 - 5010 w/ 1 SPF, 26 holes. Acidize w/2,500 gals acid. Frac w/ 114,000 gals gel, 149,872# 16/30 White sand, 34,223# Optiprop sand. Set comp plug @ 4690. Perf Paddock @ 4420 - 4660 w/1 SPF, 29 holes. Acidize w/3,000 gals acid. Frac w/ 98,000 gals gel, 104,962# 16/30 White sand, 11,073# 16/30 Optiprop sand.

3/19/10 Drill out plugs. Clean out to PBTD 5948.

3/22/10 RIH w/ 163jts 2-7/8" 6.5# J55 tbg, EOT @ 5532'.

3/23/10 RIH w/ 2-1/2"x2-1/4"x24"x28'pump. Hang on well.

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

Electronic Submission #84668 verified by the BLM Well Information System

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 04/13/2010 (10KMS1150SE)

Name (Printed/Typed) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 04/13/2010

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JAMES A AMOS  
Title SUPERVISOR EPS

Date 04/18/2010

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.

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