

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, 2010

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

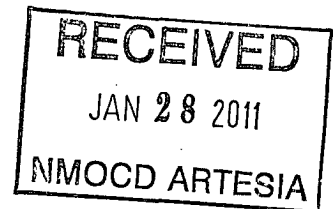
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. MIRANDA FEDERAL 4 ✓
2. Name of Operator COG OPERATING LLC ✓ Contact: KANICIA CARRILLO E-Mail: kcarrillo@conchoresources.com		9. API Well No. 30-015-37319-00-S1 ✓
3a. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287	3b. Phone No. (include area code) Ph: 432-685-4332 Fx: 432-685-4396	10. Field and Pool, or Exploratory LOCO HILLS GLORIETA-YESO UNKNOWN
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T17S R30E NENW Lot C 990FNL 1890FWL ✓		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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Convert to Injection

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.)

10/29/10 Test csg to 1500# for 30min,ok. Hanger @ 4410.  
Packer @ 4570  
Frac Port @ 4691  
Packer @ 4836  
Frac Port @ 4933  
Packer @ 5078  
Frac Port @ 5175  
Packer @ 5321  
Frac Port @ 5417  
Packer @ 5563  
Frac Port @ 5659  
Packer @ 5805



14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #100628 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 01/18/2011 (11KMS0596SE)</b>	
Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 01/17/2011

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

Approved By <b>ACCEPTED</b>	JAMES A AMOS Title SUPERVISOR EPS	Date 01/22/2011
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 \*\***

Accepted for record - NMOCD

*DJD*

**Additional data for EC transaction #100628 that would not fit on the form**

**32. Additional remarks, continued**

Frac Port @ 5902  
Packer @ 6047  
Frac Port @ 6144  
Packer @ 6289  
Frac Port @ 6386  
Packer @ 6531  
Frac Port @ 6628  
Packer @ 6774  
Frac Port @ 6870  
Packer @ 7018  
Anchor @ 7073  
POP @ 7123

11/01/10 Acidize 11 ports w/ 33,000 gals 15% acid.

Frac w/ 1,163,859 gals gel, 1,452,004# 20/40 Ottawa sand.

11/10/10 TIH w/139jts 2-7/8 J55 6.5# tbgs. EOT @ 4315. TOL @ 4342. RIH w/ 2-1/2x2x20 RHTC pump. Hang on well.