

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.***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. NMLC028793A
2. Name of Operator COG OPERATING LLC Contact: KANICIA CASTILLO E-Mail: kcastillo@conchoresources.com		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-685-4332	7. If Unit or CA/Agreement, Name and/or No. NMNM88525X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T17S R30E SENE 2350FNL 493FEL		8. Well Name and No. BURCH KEELY UNIT 965H
		9. API Well No. 30-015-40973-00-S1
		10. Field and Pool, or Exploratory BURCH KEELY-GLORIETA-UPPER YE
		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 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 recomplete 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.)

03/01/13 MIRU. TOC @ 7376  
03/05/13 - 03/11/13 Drilled cmt from 7376 to 8900. Circ hole clean.  
03/12/13 Test BOP to 4500#, ok. Clean csg w/2000 gals acid.  
03/13/13 Perf @ 8870 - 8566, 2SPF, 36 holes.  
03/18/13 Acidize w/ 2000 gals 15% HCL acid. Frac w/16,973 gals Slick water, 202,334 gals gel, 5,433# 100 Mesh, 257,227# 20/40 Brown sand, 47,548# 20/40 CRC.  
Plug @ 8491. Perf @ 8111 - 8415, 2SPF, 36 holes. Acidize w/ 2000 gals 15%. Frac w/28,530 gals slick wtr, 204,753 gals gel, 5,393# 100 Mesh, 256,190# 20/40 Brown sand, 49,710# 20/40 CRC. Plug @ 8035.  
Perf @ 7656 - 7959, 2SPF, 36 holes. Acidize w/2000 gals 15% acid. Frac w/22,068 gals slick wtr, 204,439 gals gel, 3,843# 100 mesh, 255,062# 20/40 Brown sand, 49,155# 20/40 CRC. Plug @ 7580. Perf @ 7200 - 7504, 2SPF, 36 holes. Acidize w/2000 gals 15% acid. Frac w/23,201 gals slick wtr, 201,877 gals gel, 3,965# 100 Mesh, 250,036# 20/40 Brown sand, 46,696# 20/40 CRC. Plug @ 7073. Perf @ 6636 -



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

Electronic Submission #219912 verified by the BLM Well Information System

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 09/18/2013 (13KMS7289SE)

Name (Printed/Typed) KANICIA CASTILLO

Title PREPARER

Signature (Electronic Submission)

Date 09/12/2013

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**JAMES A AMOS  
Title SUPERVISOR EPS

Date 09/22/2013

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 \*\***

## Additional data for EC transaction #219912 that would not fit on the form

### 32. Additional remarks, continued

6955, 2SPF, 36 holes. Acidize w/2000 gals 15%.

3/19/13 Frac w/22,746 gals slick wtr, 202,784 gals gel, 10,569# 100 Mesh, 252,718# 20/40 Brown sand, 37,206# 20/40 CRC. Plug @ 6558. Perf @ 6157 - 6476, 2SPF, 36 holes. Acidize w/2000 gals 15%.

Frac w/21,303 Slick wtr, 192,843 gals gel, 4,304# 100 Mesh, 286,865# 20/40 Brown sand, 45,661# 20/40 CRC. Plug @ 6079. Perf @ 5679 - 5998, 2SPF, 36 holes. Acidize w/2000 gals 15%. Frac w/22,881 gals slick wtr, 199,952 gals gel, 4,230# 100 Mesh, 289,808# 20/40 Brown sand, 46,820# 20/40 CRC.

Plug @ 5601. Perf @ 5200 - 5519, 2SPF, 36 holes. Acidize w/2000 gals 15% acid. Frac w/21,561 gals slick wtr, 211,992 gals gel, 4,761# 100 Mesh, 263,265# 20/40 Brown sand, 64,980# 20/40 SLC.

04/04/13 Drilled out plugs Clean sand to PBTD @ 8917.

04/09/13 RIH w/ 123jts 2-7/8 J55 6.5# tbq. EOT @ 4254. RIH w/rods and ESP pump. Hang on well.