

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  
NMLC028793C

6 If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**7 If Unit or CA/Agreement, Name and/or No  
NMNM88525X1 Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.  
BURCH KEELY UNIT 18 FEDERAL 6H2 Name of Operator  
COG OPERATING LLCContact: KANICIA CASTILLO  
E-Mail: kcastillo@conchoresources.com9. API Well No  
30-015-39575-00-X13a Address  
550 WEST TEXAS AVENUE SUITE 100  
MIDLAND, TX 797013b Phone No (include area code)  
Ph: 432-685-433210 Field and Pool, or Exploratory  
GRAYBURG JACKSON

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

Sec 18 T17S R30E NWSW Lot 3 1650FSL 330FWL

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 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.)

1/26/12 Test BOP to 3500psi, 30 min. ok.

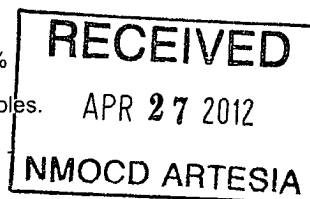
Perf @ 8650 - 9050 w/6 SPF, 24 holes.

1/30/12 Acidize w/3000 gals 15% acid. Frac w/8601 gals slick water, 16,682 gals waterfrac, 292,370 gals gel, 261,213# 16/30 brown sand, 52,168# 16/30 CRC.

Set CBP @ 8550. Perf @ 8050 - 8450 w/6 SPF, 24 holes. Acidize w/ 3000 gals 15% acid.

2/03/12 Frac w/15,212 gals waterfrac, 291,589 gals gel, 6284# 100 mesh, 318,768# 16/30 brown sand, 48,863# 16/30 CRC. Set CBP @ 7950. Perf @ 7450 - 7850 w/6 SPF, 24 holes. Acidize w/3000 gals 15% acid. Frac w/14,700 gals treated water, 14,388 gals waterfrac, 283,060 gals gel, 6651# 100 mesh,

317,178# 16/30 brown sand, 47,739# 16/30 CRC. Set CBP @ 7350. Perf @ 6850 - 7250 w/6 SPF, 24 holes. Acidize w/3000 gals 15% acid. Frac w/12,507 gals treated water, 15,230 gals waterfrac, 293,183 gals gel, 5815# 100 mesh, 268,285# 16/30 brown sand, 49,606# 16/30 CRC. Set CBP @ 6750. Perf @ 6250 - 6650 w/ 6 SPF, 24 holes. Acidize w/3000 gals 15% acid. Frac w/13,847 gals treated water, 13,294

42424 05/09/12  
Accepted for record  
NMOCD

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

**Electronic Submission #135638 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 04/19/2012 (12KMS1661SE)**

Name (Printed/Typed) KANICIA CASTILLO

Title PREPARER

Signature (Electronic Submission)

Date 04/17/2012

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

Date 04/22/2012

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 #135638 that would not fit on the form**

**32. Additional remarks, continued**

gals waterfrac, 290,812 gals gel, 5920# 100 mesh, 269,818# 16/30 brown sand, 48,778# 16/30 CRC. Set CBP @ 6150. Perf @ 5650 - 6050 w/6 SPF, 24 holes. Acidize w/ 3000 gals 15% acid. Frac w/9175 gals treated water, 12,543 gals waterfrac, 287,901 gals gel, 3611# 100 mesh, 293,989# 16/30 brown sand, 28,249# 16/30 CRC.

2/04/12 CBP @ 5560. Perf @ 5050 - 5450 w/6 SPF, 24 holes. Acidize w/3000 gals 15% acid. Frac w/7,264 gals treated water, 12,053 gals waterfrac, 287,870 gals, 3264# 100 mesh, 266,735# 16/30 brown sand, 51,226# 16/30 CRC.

2/08/12 Drill out plugs and clean out to PBTD 9130.

2/13/12 Flow back well on a 40/64 choke.

2/14/12 RIH w/5-1/2 Arrowset packerw/2.25 F profile nipple, 2-7/8x4 sub below the packer, 2.25 R landing nipple, 2-7/8 pump out plug. Set packer @ 4255'. POOH.

2/15/12 RIH w/130jts 2-7/8" 6.5# J55 tbg, EOT @ 4256.

2/16/12 Open well on a 10/64 choke w/ 550psi. Well flowing at 300psi. Set Choke @ 24/64. Turn well down flowline to battery.