

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		6. If Indian, Allottee or Tribe Name
3a. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No. NMNM88525X
3b. Phone No (include area code) Ph: 432-221-0467		8. Well Name and No. BURCH KEELY UNIT 196H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T17S R30E NWSW 1728FSL 245FWL		9. API Well No. 30-015-39579-00-S1
		10. Field and Pool, or Exploratory BURCH KEELY-GLORIETA-UPPER Y
		11. County or Parish, and State EDDY COUNTY, NM

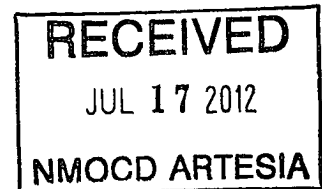
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 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 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.)

4/12/12 Acidize toe w/5000 gal 15% acid
4/16/12 Test csg to 1500# for 30 min, ok. ECP @ 4239
Frac Port@ 9132
Packer @8990
Frac Port@ 8895
Packer@ 8800
Frac Port@ 8705
Packer@ 8610
Frac Port@ 8515
Packer@ 8420
Frac Port@ 8325
Packer@ 8230

Accepted for record
NMOCD
CRNude 7/18/12



14. I hereby certify that the foregoing is true and correct. Electronic Submission #142043 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by BEVERLY WEATHERFORD on 07/11/2012 (12BMW0214SE)	
Name (Printed/Typed) BRIAN MAIORINO	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 07/02/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 07/14/2012
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 #142043 that would not fit on the form

32. Additional remarks, continued

Frac Port@ 8135
Packer@ 8040
Frac Port@ 7945
Packer@ 7850
Frac Port@ 7755
Packer@ 7660
Frac Port@ 7565
Packer@ 7470
Packer@ 7260
Frac Port@ 7135
Packer@ 7010
Frac Port@ 6875
Packer@ 6740
Packer@ 6540
Frac Port@ 6440
Packer@ 6340
Frac Port@ 6240
Packer@ 6140
Packer@ 5940
Frac Port@ 5845
Packer@ 5750
Frac Port@ 5655
Packer@ 5560
Packer@ 5360
Frac Port@ 5280
Packer@ 5200

4/16/12 frac w/164,825 gals Waterfrac R(16) gel+ 1,532,413 gals Silverstim LT-R(16)X-linked gel, carrying 71,6244# 100 mesh+ 2,510,712# 20/40 ottawa+697,723# 20/40 SLC
5/07/12 RIH w/tubing design as follows: KB-17', EOT- 4246.58', TAC- 4229.58' (2.70'), 1 jt of tubing- (32.55'), tag bar- (1.25'), Pump constant (2'), stater (28.86'), s/n, top of pump - 4164.22', lift sub - (8.10'), 128 jts of tubing (4156.12'). Set TAC w/10 pts, shear set at 40k, measured tubing stretch at 40". NO BOP and NU wellhead. RIH w/rods as follows: Installed guides on rods, 1 guide per 1" rod. Rotor spacing 40" Rotary (27.79'), RIH w/166 -1" steel rods (4150'), no pony subs, 26' x 1 1/4" polish rod