

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 29 2013
NMOC 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.

5. Lease Serial No.
NMNM114979

6. If Indian, Allottee or Tribe Name

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

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. CANVASBACK 13 FEDERAL 3H	
2. Name of Operator COG PRODUCTION LLC		9. API Well No. 30-015-41529-00-X1	
3a. Address 2208 W MAIN STREET ARTESIA, NM 88210		3b. Phone No. (include area code) Ph: 575-748-6940 Ext: 6945	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T24S R31E NWNE 190FNL 1470FEL 32.223979 N Lat, 103.727258 W Lon		10. Field and Pool, or Exploratory POKER LAKE	
		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 checked="" 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 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A PD
	<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.)

COG Production respectfully requests approval for the following changes to the original APD.

We will pump a 2 stage job to circulate cmt to surface on the 9-5/8" intermediate job.

13-3/8" @ 902'
12-1/4" hole ~ 4500' MD

Set DVT/ECP ~ 2900'

9-5/8" 36# J55 BTC (0-3500')
9-5/8" 40# J55 BTC (3500'-4500')

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

Accepted for use 8/29/2013
NMOC

APPROVED
AUG 26 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

**Electronic Submission #218224 verified by the BLM Well Information System
For COG PRODUCTION LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 08/27/2013 (13KMS7128SE)**

Name (Printed/Typed) MAYTE X REYES	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/27/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>EDWARD FERNANDEZ</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>08/27/2013</u>
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 <u>Carlsbad</u>

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.

Additional data for EC transaction #218224 that would not fit on the form

32. Additional remarks, continued

Cement:

1st stage:

Lead: 450 sx 65:35:6 C Blend (12.7 ppg - 2 cf/sk)

Tail: 250 sx Class C Neat (14.8# - 1.34 cf/sk)

DVT/ECP set ~ 2900'

2nd stage:

Lead: 900 sx 65:35:6 C Blend (12.9 ppg - 1.89 cf/sk)

Tail: 100 sx Class C Neat @ 14.8 ppg - 1.34 cf/sk

BHST @ 4500' is 106 degree F

BHST @ 2900' is 91 degree F

CONDITIONS OF APPROVAL

Sundry/email 08/26/2013

OPERATOR'S NAME:	COG Production, LLC
LEASE NO.:	NMNM-114979
WELL NAME & NO.:	Canvasback 13 Federal 3H
SURFACE HOLE FOOTAGE:	0190' FNL & 1470' FEL
BOTTOM HOLE FOOTAGE:	0330' FSL & 1470' FEL
LOCATION:	Section 13, T. 24 S., R 31 E., NMPM
COUNTY:	Eddy County, New Mexico

Original COS still applies with the following changes:

Operator has proposed DV/ECP tool at depth of 2900' Operator is to submit sundry if DV tool depth varies by more than 100' from approved depth.

1. The minimum required fill of cement behind the 9-5/8 inch intermediate casing is:
 - a. First stage to DV tool:
 - Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.
 - b. Second stage to DV tool:
 - Cement to circulate to surface. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.

EGF 082613