

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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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. NMLC071066
2. Name of Operator CHESAPEAKE OPERATING, INC. Contact: LINDA GOOD E-Mail: linda.good@chk.com		6. If Indian, Allottee or Tribe Name
3a. Address OKLAHOMA CITY, OK 73154-0496	3b. Phone No. (include area code) Ph: 405.767.4275	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T26S R29E NWSW 2310FSL 330FWL		8. Well Name and No. BRUSHY 12 FED 4
JUL 21 2008 OCD-ARTESIA		9. API Well No. 30-015-25604-00-S1
		10. Field and Pool, or Exploratory BRUSHY DRAW
		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 checked="" 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.)

ATTN: WESLEY INGRAM

CHESAPEAKE, RESPECTFULLY, REQUESTS VERBAL PERMISSION AS SOON AS POSSIBLE TO REPAIR CASING LEAK AND ACIDIZE PROCEDURE BELOW.

RECOMMENDED PROCEDURE:

1. MIRU PU. NDWH/NUBOP.
2. POH W/TBG. RIH AND FISH STUCK TBG.
3. RIH W/RBP AND PACKER. ISOLATE CASING LEAK. DROP SAND ON RBP AND SQUEEZE CASING LEAK PER

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #61499 verified by the BLM Well Information System For CHESAPEAKE OPERATING, INC., sent to the Carlsbad Committed to AFMSS for processing by KURT SIMMONS on 07/17/2008 (08KMS2224SE)	
Name (Printed/Typed) LINDA GOOD	Title REGULATORY COMPLIANCE SPEC.
Signature (Electronic Submission)	Date 07/17/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WESLEY INGRAM	Title PETROLEUM ENGINEER	Date 7/17/2008
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

Additional data for EC transaction #61499 that would not fit on the form

32. Additional remarks, continued

CEMENTING RECOMMENDATION.

4. POH W/PACKER. RIH W/BIT AND DRILL COLLARS ON TBG. DRILL OUT CEMENT SQUEEZE AND PRESSURE TEST. WASH OUT SAND TO RBP. POH W/BIT.

5. RIH W/BIT AND CLEANOUT WELLBORE TO PBTD OF 3,460'. CIRCULATE WELL CLEAN. POH W/BIT.

6. RIH W/PACKER TO 3,100'. ACIDIZE DELAWARE PERFS W/2000 GAL 15% 90/10 ACIDTOL. SI 4 HOURS AND SWAB BACK ACID. ROH W/PACKER.

7. RIH W/2 7/8" TBG, SN AND TAC. SET SN @ 3,250' BELOW LOWEST PERF AND TAC ABOVE TOP PERF @ 3,100'. NDBOP/NUWH. RIH W/PUMP AND RODS.

8. PLACE WELL ON LINE. RD MO.

(CHK PN 891207)

**Brushy 12 Federal 4
Eddy County, New Mexico
Repair Casing Leak and Acidize Procedure**

Date: May 23, 2008

Location: 2310' FSL & 330' FWL Sec. 12-T26S-R29E

Production Casing: 5 1/2" 15.5#, 0-3,480', ID-4.950", Drift-4.825"

PBTD/TD: 3,460'/3,480'

Current Perfs: Delaware 3,205-32'

Recommended Procedure:

1. MIRU PU. NDWH/NUBOP.
2. POH w/ tbg. RIH and fish stuck tbg.
3. RIH w/ RBP and packer. Isolate casing leak. Drop sand on RBP and squeeze casing leak per cementing recommendation.
4. POH w/ packer. RIH w/ bit and drill collars on tbg. Drill out cement squeeze and pressure test. Wash out sand to RBP. POH w/ bit.
5. RIH w/ bit and cleanout wellbore to PBTD of 3,460'. Circulate well clean. POH w/ bit.
6. RIH w/ packer to 3,100'. Acidize Delaware perfs w/ 2000 gal 15% 90/10 acidtol. SI 4 hours and swab back acid. POH w/ packer.
7. RIH w/ 2 7/8" tbg, SN and TAC. Set SN @ 3,250' below lowest perf and TAC above top perf @ 3,100'. NDBOP/NUWH. RIH w/ pump and rods.
8. Place well on line. RD MO.

**Brushy 12 Federal 4
Chesapeake Operating, Inc.
July 17, 2008
Conditions of Approval**

- 1. Test BOP prior to beginning work.**
- 2. Subsequent sundry required detailing depth of casing leak and amount of cement used for repair.**
- 3. Pressure test of casing repair to be recorded on subsequent – include pressure and length of test.**

WWI 071708