

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## 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  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
Chesapeake Operating Inc.3a. Address  
P.O. Box 11050 Midland TX 79702-80503b. Phone No. (include area code)  
(432) 687-29924. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660 FNL, 2000 FWL, Sec 24, T9S, R25E

5. Lease Serial No.

NM-35158

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
23581

8. Well Name and No.

Jill Federal #2

9. API Well No.

30-005-63182

10. Field and Pool, or Exploratory Area

So. Pecos Slope; Abo

11. County or Parish, State

Chaves

New Mexico

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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 recomplate 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 recomplate 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.)

Chesapeake, respectfully, request permission to plug and abandon this well per the attached procedure.

Accepted for record - NMOCD

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Shay Stricklin

Title Production/Regulatory Asst.

Signature

Date 04/04/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: (ORIG. SGD) DAVID R. GLASS

PETROLEUM ENGINEER

Date APR 17 2006

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

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.

(Instructions on page 2)

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

**Jill Federal #2**  
**Plug and Abandonment Procedure**  
**3-24-2006**  
**Chaves County, New Mexico**

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1. Notify the BLM and/or NMOCD 24 hrs in advance prior to commencing plug and abandonment operations.
2. MIRU Well Service Unit. ND wellhead. NU BOP. POH w/ tbg.
3. MIRU Wireline Service Unit. Set CIBP @ 4021'. Bail 2 - 3 sxs of cement on the CIBP (35' minimum on plug).
4. TIH w/ 2 3/8" tubing. Tag up @ new PBTD. Circulate 4-1/2" casing with salt gel mud containing 9.5 pound brine and 25 lbs of gel per barrel.
5. *Perforate @ 2600' & Squeeze W/ Sufficient Cement (±40sx.) To Have Solid*  
~~Spot a 100' Class "C"~~ Neat cmt plug from 2600'-2500'. Shut in for 4 hrs and tag top of cement. Spot additional cement if needed.
6. *Perforate @ 955' & Squeeze W/ Sufficient Cement (±40sx.) To Have Solid*  
~~Spot a 100' Class "C"~~ Neat cmt plug from 955-855' (8-5/8" shoe). Shut in for 4 hrs and tag top of cement. Spot additional cement if needed.
7. *Perforate @ 90' & Squeeze W/ Sufficient Cement (±35sx.) To Have Solid*  
~~Spot a 90' Class "C"~~ Neat cmt plug from 90'-surface' (13-3/8" shoe). Shut in for 4 hrs and tag top of cement. Spot additional cement if needed.
8. ND BOP. Cut off 4-1/2" and 8-5/8" casings 3' below Ground Level.
9. Weld on an ID plate. RD and release Well Service Unit. Restore location.

*8 7/8", 24.0# C.C. @ 905' W/ Cement Circulated To Surface*  
*4 1/2", 10.5# C.C. @ 4473' W/ 350sx. (? TOC)*