

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT1301 W. ... Avenue  
Albia, NM 88210FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## 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**

RECEIVED

NOV 30 2005

OUD-ANTEGIA

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Chesapeake Operating Inc.

3a. Address

P. O. Box 11050 Midland TX 79702-8050

3b. Phone No. (include area code)

(432)687-2992

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

660' FNL 1980' FEL, Section 11, T24S, R31E

5. Lease Serial No.

NM29234

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Littlefield Federal SWD 1

9. API Well No.

30-015-10259

10. Field and Pool, or Exploratory Area

Delaware

11. County or Parish, State

Eddy

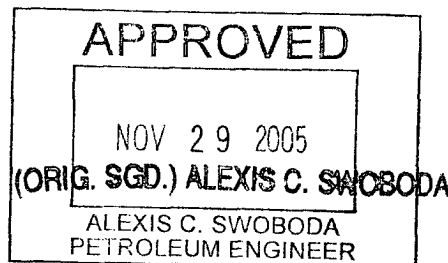
New Mexico

## 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 checked="" type="checkbox"/> Other <u>Repair Well</u>
	<input checked="" 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 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.)

Chesapeake, hereby, request permission to squeeze a tight leak with 300PSI's SealMaker system, per the attached procedure.



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

Name (Printed/Typed)

Brenda Coffman

Title

Regulatory Analyst

Signature

Brenda Coffman

Date

11/22/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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, makes 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 reverse)

**Littlefield Federal #1 SWD  
Sundry Notice  
Updated 11/22/2005  
Eddy County, New Mexico**

**GENERAL INFORMATION**

**Location:** 660' FNL & 1980' FEL, Sec 11 – T24S – R31E  
**API No.:** 30-015-10259

**WELL INFORMATION**

<u>String OD</u>	<u>Weight &amp; Grade</u>	<u>Depth</u>	<u>ID</u>	<u>Drift</u>	<u>Burst</u>	<u>TOC</u>
8-5/8"	24# J55	0' - 365'	8.097"	7.972"	2950	0'
4 -1/2"	9.5# K55	0' - 4656'	4.090"	3.965"	4380	0'

Bell Canyon perms: 4580 – 4654', OH 4656 – 6500'

**OVERVIEW:**

Chesapeake proposes to squeeze a tight leak with 300PSI's *SealMaker* system per the below procedure. This system has been utilized successfully in the Farmington, NM area in the recent past. This methodology has been condoned by the BLM (Jim Lavatto – Farmington) and the OCD (Charlie Perrin – Aztec). 300PSI contact is Todd Harris at (618) 292-9650.

**PROCEDURES to DATE:**

11-03-05: Isolated leak 884 – 947'. Set retainer at 813'. Squeezed with 150 sx of Class 'H'.  
11-10-05: Drilled out sqz. Fell out of cement at 985'. Pump into leak at 3.7 BPM at 1000 psi.  
11-11-05: Set retainer at 852'. Squeezed with 200 sx of Class 'C'.  
11-16-05: Drilled out sqz. Fell out of cement at 1016'. Pump into leak at 3.25 BPM at 1000 psi.  
11-17-05: Ran tools. Isolated leak 884 – 947'.  
11-17-05: Set retainer and squeezed with 300 sx of Class 'C'.  
11-21-05: Drill out sqz. Fell out of cement at 968'. Pressure test to 500 psi. Slow bleed to 350 psi in 15 minutes.

**PROPOSED ADDITIONAL PROCEDURES:**

1. Set packer with pump out plug via wireline at 4500'.
2. RIH with injection string. Tag on-off tool on top of packer. Circulate packer fluid.
3. Displace a 10 bbl slurry of Sealmaker down backside. Spot from 947' to 100' from surface. Latch tubing in to on-off tool.
4. Pressure backside to 600 psi. SI for 24 hours.
5. Notify BLM. Obtain MIT. Pump out plug and put well in service.