

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103

June 19, 2008

**RECEIVED**

AUG 31 2009

**HOBBSOCD**

CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.	30-025-34631
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Shell Lusk ANB	
8. Well Number	2
9. OGRID Number	255333
10. Pool name or Wildcat	Townsend Permo Upper Penn
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3,990' GR

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Lime Rock Resources A, L.P.	
3. Address of Operator Heritage Plaza, 1111 Bagby St. Suite 4600, Houston, TX 77002	
4. Well Location Unit Letter: E: 1,950 feet from the North line and 350 feet from the West line Section 11 Township 16S Range 35E NMPM Lea County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,990' GR	

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ **PLUG AND ABANDON** ☒  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐

OTHER: PERFORATE UPPER PENN

☒

OTHER:

☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

## Proposed Procedure:

1. Pull rods, pump and tubing.
2. Set CIBP @ 11,325' with 35' of cement on top of plug to abandon existing Strawn (Big Dog Strawn, South Pool) perforations.
3. Perforate Upper Penn (Townsend Permo Upper Penn Pool) from 10,881-886'. Swab test.
4. Acidize new perfs based on fluid recovery.
5. Rerun production equipment and test.
6. Pull rods, pump and tubing.
7. Perforate additional interval in the Upper Penn ((Townsend Permo Upper Penn Pool) 10,805-42' & 10,860-64' .Swab test.
8. Acidize new perfs based on fluid recovery.
9. Rerun production equipment.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Vice President – Operations

DATE 26 August 2009

Type or print name C. Tim Miller

E-mail address: tmiller@limerockresources.com

PHONE: (713) 292-9514

**For State Use Only**

APPROVED BY:

TITLE

**PETROLEUM ENGINEER**

DATE

**SEP 01 2009**

Conditions of Approval (if any):