

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N French Dr, Hobbs, NM 88240  
District II  
1301 W. Grand Ave, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410  
District IV  
1220 S St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-005-62801</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>LG-5246</b>
7. Lease Name or Unit Agreement Name <b>Pathfinder AFT State</b>
8. Well Number <b>10</b>
9. OGRID Number <b>255333</b>
10. Pool name or Wildcat <b>Diablo Fusselman</b>

<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 checked="" type="checkbox"/> Gas Well <input 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 <u>O</u> : <u>660</u> feet from the <u>South</u> line and <u>2,310</u> feet from the East line Section <u>21</u> Township <u>10S</u> Range <u>27E</u> NMPM Chaves County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,827'GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: Add perforations in current producing zone (Fusselman) x		OTHER: <input type="checkbox"/>	

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.

Pull production equipment. Set cement retainer at 6,340'. Cement squeeze existing watered-out Fusselman perfs (6,350-60'). Add new perforations in Fusselman at 6,312-15'; 6,318-19'; 6,322-27' & 6,331-32'. Re-run production equipment.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE C. L. Miller TITLE: Vice President - Operations DATE: 10 July 2008

Type or print name: C. Tim Miller E-mail address: tmiller@limerockresources.com Telephone No.: (713) 292-9514

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

Accepted for record - NMOCD

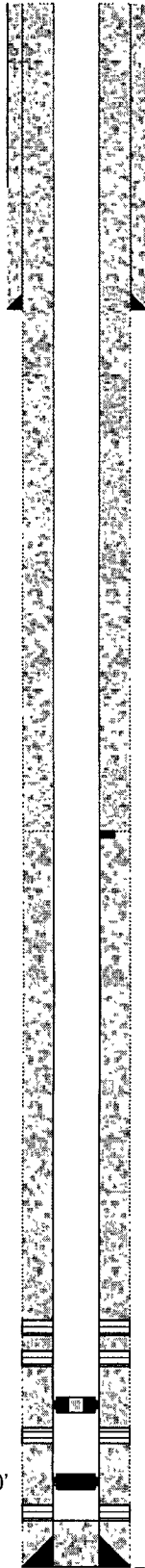


TD @ 6,415'

CIBP @ 6,370'

**Lime Rock Resources  
Pathfinder AFT State 10  
Sec 21O-10S-27E  
Chaves County, NM**

# WELLBORE AFTER ADDING PERFS



10-3/4", 40.5#, J-55, ST&C Casing @ 1,005'

DV Tool @ 3,948'

**PROPOSED Fusselman Perfs:** 6,312-15'; 6,318-19'; 6,322-27' & 6,331-32' (6 SPF)

**Cement Retainer to be set @ 6,340' – Fusselman Perfs 6,350-60' to be squeezed**

**Fusselman Perfs:** 6,350-60' (44 holes – 0.40" DIA)

**Fusselman Perfs:** 6,376-84' (32 holes – 0.40" DIA)

**PBTD @ 6,415' (Tubing measurement – 2001)**

7-5/8", 26.4 & 29.7#, J-55 & N-80, LT&C, Casing @ 6,415'

TD @ 6,415'

CIBP @ 6,370'

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