

N.M. Oil Cons. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

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**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.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2.</b>		5. Lease Serial No. NM-36409
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator Lime Rock Resources A, L.P.		7. If Unit of CA/Agreement, Name and/or No.
3a. Address Heritage Plaza, 1111 Bagby, Suite 4600 Houston, TX 77002		8. Well Name and No. McClellan MB Federal 2
3b. Phone No. (include area code) (713) 292-9510		9. API Well No. 30-005-60834
4. Location of Well (Footage, Sec, T, R, M., or Survey Description) 1,980' FSL & 660' FEL, Unit I, Section 31-T5S-R25E		10. Field and Pool or Exploratory Area Pecos Slope Abo
		11. Country or Parish, State Chaves County, NM

12. CHECK THE 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 checked="" 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Set composite bridge plug at 3,800' to temporarily isolate existing Abo perforations. Perforate the Abo at 3,694-98'; 3,702-14'; 3,72036'; 3,758-62', 3,771-78' & 3,788-92'. Fracture stimulate and test. Drill out composite bridge plug and produce all Abo zones together.

ACCEPTED FOR RECORD

AUG 8 2008

Gerry Guye, Deputy Field Inspector  
NMOCD-District II ARTESIA

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) C. Tim Miller	Title Vice President - Operations
Signature 	Date 07/28/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

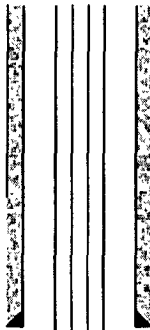
Approved by /S/ DAVID R. GLASS	PETROLEUM ENGINEER	Date AUG 01 2008
Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office		

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



LIME ROCK  
RESOURCES

# PROPOSED RECOMPLETION



13-3/8", 54.5#, K-55, ST&C  
Casing @ 390'

Elevation: 3,808.1' GL

Date Spud: 12/22/80

Date TD'd: 01/06/81

Date Completed: 01/31/81

<u>Zone</u>	<u>Frac</u>
Abo	40,000 gals CO2 foamed gelled 2% KCl w/ 80,000# 20/40 sand & 10,000# 100- mesh sand
Abo (3,815-83')	2,000 gals 7-1/2% HCl
Abo (3,937-40')	500 gals 7-1/2% HCl

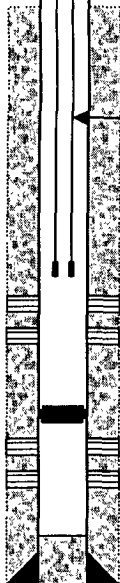
## Recompletions & Workovers

<u>Date</u>	

Current Status:

Last Well Test:

TOC @ 3,130'



2-3/8", 4.7#, J-55, EUE 8rd Tubing w/ SN @ 3,680'

**PROPOSED Upper Abo Perfs: 3,694-98'; 3,702-14'; 3,72036'; 3,758-62',  
3,771-78' & 3,788-92'**

**Proposed Composite Bridge @ 3,800' (to be removed after new intervals clean up)**

Abo Perfs: 3,815-17'; 3,829-30'; 3,836-38'; 3,870-83'  
& 3,937-40' (17 - 0.32" DIA holes)

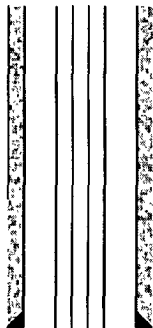
PBTD @ 4,029'

5-1/2", 14#, K-55, ST&C, Casing @ 4,045'

TD @ 4,400'

Lime Rock Resources  
McClellan MB Federal 2  
Sec 30I-5S-25E  
Chaves County, NM  
Updated: 07 July 2008 SJH

# EXISTING



13-3/8", 54.5#, K-55, ST&C  
Casing @ 390'

Elevation: 3,808.1' GL	
Date Spud: 12/22/80	
Date TD'd: 01/06/81	
Date Completed: 01/31/81	
<u>Zone</u>	<u>Frac</u>
Abo	40,000 gals CO2 foamed gelled 2% KCl w/ 80,000# 20/40 sand & 10,000# 100- mesh sand
Abo (3,815-83')	2,000 gals 7-1/2% HCl
Abo (3,937-40')	500 gals 7-1/2% HCl
<u>Recompletions &amp; Workovers</u>	
<u>Date</u>	
<u>Current Status:</u>	
<u>Last Well Test:</u>	

TOC @ 3,130'

2-3/8", 4.7#, J-55, EUE 8rd Tubing w/ SN @ 3,918'

Abo Perfs: 3,815-17'; 3,829-30'; 3,836-38'; 3,870-83'  
& 3,937-40' (17 - 0.32" DIA holes)

PBTD @ 4,029'

5-1/2", 14#, K-55, ST&C, Casing @ 4,045'

TD @ 4,400'

**Lime Rock Resources**  
**McClellan MB Federal 2**  
**Sec 30I-5S-25E**  
**Chaves County, NM**  
**Updated: 01 July 2008 SJH**