

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

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.

5. Lease Serial No.
NMLC-058181

6. If Indian, Allottee or Tribe Name

RECEIVED

MAR 26 2010

NMOC D-ARTESIA

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Lime Rock Resources A., L.P.

3a. Address
1111 Bagby Str., Suite 4600 Houston, TX 77002

3b. Phone No. (include area code)
713-292-9537

8. Well Name and No.
Enron Federal #11

9. API Well No.
30-015-37641

10. Field and Pool or Exploratory Area
Red Lake; Queen-Grayburg-San Andres

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
380' FSL & 2,310' FEL; Sec 25-T17S-R27E

11. Country or Parish, State
Eddy, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 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 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.)

Lime Rock Resources A., L.P. is proposing to change the above captioned well APD total depth from 4,800' to 3,300' with appropriate changes in casing length & cement volumes.

This form will be faxed today and also will be mailed.

See Original COA dated 2/9/10
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)
Jerry B. Ables, Jr.

Title Production Engineer

Signature

Date 03/22/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

APPROVED

MAR 24 2010

By/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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.

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)

ENRON FEDERAL #11

Lime Rock Resources A, L.P.

Application for Drilling – Revised Plan

Location: 380' FSL & 2,310' FEL, Sec. 25, T-17S, R-27E, UL/Lot O; Eddy Co., NM
 Lat.: N32.798764°; Long.: W104.230600°
API #: 30-015-37217 **Elevation:** 3,608'
PTD: 3,300'
Directions: 9.8 mi. E of Artesia on Hwy 82 turn S (R) on CR 204. Go 0.9 mi., turn E (L) to location.
Field Contact: Jerry Smith Lime Rock Resources
 575-748-9724 ofc PO Box 1302
 505-918-0556 cell 303 East Main
 jsmith@limerockresources.com Artesia, NM 88210

Proposed New Casing Program:

Hole Size	Casing Size	Weight	Grade	Joint	Setting Depth Factor	Collapse Design Factor	Burst Design Factor	Tension Design Factor
12-1/4"	8-5/8"	24#	J-55	ST&C	425'	1.2	1.18	2
7-7/8"	5-1/2"	17#	J-55	LT&C	3,300'	2.06	1.21	2.3

Proposed New Cementing Program:

Casing	Depth	QUANTITY OF CEMENT	TOC	Yield
8-5/8"	425'	Lead: 150 sx "C" + 2%CaCl ₂ + 0.125#/sx Pheno seal @ 14.8 ppg; 1.35 ft ³ /sx; 6.37 gals/sx	Surface	1.35
		Tail: 200 sx "C" + 2%CaCl ₂ @ 14.8 ppg; 1.35 ft ³ /sx; 6.39 gals/sx		1.35
5-1/2"	3,300'	Lead: 300 sx 35/65 Poz/C + 2%CaCl ₂ + 0.125#/sx P-E-Flake + 3#/sx Salt + 3#/sx gilsonite @ 12.8 ppg; 1.87 ft ³ /sx; 9.97 gals/sx	Surface	1.87
		Tail: 375 sx "C" + 0.125#/sx P-E-Flake + 0.4%LAP-1 + 0.5% CFR-3 + 0.25#/sx D-air@ 14.8 ppg; 1.33 ft ³ /sx; 6.26 gals/sx		1.33

Proposed New Mud Program:

Depth	Mud	Mud Weight	VIS.	WL Control
0' - 425'	Fresh Water Mud	8.5 ppg	40-45	No WL Control
425' - 3,300'	Brine Water, Sstarch, SWG	10.5 ppg	30	W/L Control <24 cc