Form 3160-5 (August 2007)

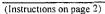
#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Artesia

	FORM	Αŀ	PRC	)VE	ED					
	OMB N	o	1004	-01	37					
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	IOTICES AND REP				6. If Indian, Allottee or T	ribe NameMAR <b>26</b> 2010		
	form for proposals Use Form 3160-3 (		110 4 0 2010					
apandoned wen.	Ose Form 5100-5 (	4 <i>FD)</i> 101 3	ucii proposa	13. 		NMOCD ARTERIA		
SUBMI	T IN TRIPLICATE - Othe	er instructions	on page 2.		7. If Unit of CA/Agreem	ent, Name and/or No.		
I. Type of Well					9 Well Name and No.			
Oil Well Gas W	/ell Other	8. Well Name and No. Enron Federal #11						
2. Name of Operator Lime Rock Resources A., L.P.					9. API Well No. 30-015-37641			
3a. Address 1111 Bagby Str., Suite 4600 Houston, TX 7700	02	3b. Phone N 713-292-98	No. <i>(include area co</i> 537	ode)	10. Field and Pool or Exp Red Lake; Queen-Gra			
4. Location of Well (Footage, Sec., T., 380 FSL & 2,310 FEL; Sec 25-T17S-R27E	R.,M., or Survey Descriptio	n)			11. Country or Parish, State Eddy, NM			
12. CHEC	K THE APPROPRIATE B	OX(ES) TO IN	NDICATE NATUR	E OF NOTIC	CE, REPORT OR OTHER	DATA		
TYPE OF SUBMISSION			TY	PE OF ACT	ION			
Notice of Intent	Acidize	De	eepen	Prod	uction (Start/Resume)	Water Shut-Off		
	Alter Casing	_	acture Treat	Recla	amation	Well Integrity		
Subsequent Report	Casing Repair		ew Construction	=	mplete	Other		
First About Amont Notice	Change Plans Convert to Injection	_	ug and Abandon ug Back		porarily Abandon			
Final Abandonment Notice  13. Describe Proposed or Completed On			<del></del>		r Disposal			
testing has been completed. Final determined that the site is ready for Lime Rock Resources A., L.P. is prolength & cement volumes. This form will be faxed today and als	r final inspection.)  posing to change the ab	·	d well APD total d	, ,	·			
See Original COA de 14. I hereby certify that the foregoing is tr Jerry B. Ables, Jr.	ated 2/9/10 ue and correct Name (Print	ed/Typed)	Title Producti	ion Enginee	<i>.</i>			
Signature July B. a	ales X		Date 03/22/20			APPROVED		
	THIS SPACE	FOR FED	ERAL OR ST	ATE OF	ICE USE			
Approved by		• • • • • • • • • • • • • • • • • • • •				MAR 2 4 2010		
Conditions of approval, if any, are attached that the applicant holds legal or equitable to entitle the applicant to conduct operations to	tle to those rights in the subjection.	ect lease which	would Office		Da BL	7s/ Chris Walls IREAU OF LAND MANAGEMENT CARL SRAD FIFLD OFFICE		
Title 18 U.S.C. Section 1001 and Title 43 U	JSC Section 1212, make it	a crime for any	person knowingly a	nd willfully to	make to any department o	r agency of the United States any false,		

fictitious or fraudulent statements or representations as to any matter within its jurisdiction





## **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

API#

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 PO Box 1302

575-748-9724 ofc

303 East Main

505-918-0556 cell

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%CaCl2 + 0.125#/sx Pheno seal @ 14.8 ppg; 1.35 ft3/sx; 6.37 gals/sx	Surface	1.35
		Tail: 200 sx "C" + 2%CaCl2 @ 14.8 ppg; 1.35 ft3/sx; 6.39 gals/sx		1.35
5-1/2"	3,300'	Lead: 300 sx 35/65 Poz/C + 2%CaCl2 + 0.125#/sx P-E-Flake + 3#/sx Salt + 3#/sx gilsonite @ 12.8 ppg; 1.87 ft3/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 ft3/sx; 6.26 gals/sx		

#### **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