

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0135
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.
NMNM0557370

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
EAGLE 34G FEDERAL 67

2. Name of Operator
LIME ROCK RESOURCES II A LP Contact: SPENCER COX
E-Mail: scox@limerockresources.com

9. API Well No.
30-015-41432-00-X1

3a. Address
1111 BAGBY STREET SUITE 4600
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 713-292-9528
Fx: 713-292-9578

10. Field and Pool, or Exploratory
RED LAKE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 34 T17S R27E SWNE 2345FNL 1750FEL
32.791532 N Lat, 104.263221 W Lon

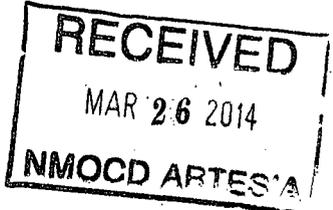
11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK 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 type="checkbox"/> Recomplete	<input checked="" 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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 would like to sq the csg as follows: Establish rate down bradenhead valve w/water. SQ down bradenhead w/75 sx Class C cmt (yield=1.32 cf). Drill out FC @ 4697' & cmt to 4743'. Run CBL from 4743' to verify BOC @ 4420' as per 1st CBL. Perf 4 SQ holes @ 4735'-37' & 4 SQ holes @ 4588'-90'. Run 5-1/2" cmt ret to 4643' & est rate through ret. Set cmt @ 4643'. Sting out of ret & est rate up csg. Sting back into ret & est rate through perfs @ 4735'-36' & back out perfs @ 4588'-90'. SQ w/50 sx Class C cmt mixed to yield 1.32 cubic ft per sack at 14.8 pounds per gallon (calc fill is 150' inside & outside 5-1/2" csg). Sting out of ret & TOH to 4460'. WOC. Tag cmt. RU wireline and set a CIBP @ 4400' prior to stimulation.



Accepted for record
ES NMOC D 3/26/14

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #239195 verified by the BLM Well Information System
For LIME ROCK RESOURCES II A LP, sent to the Carlsbad
Committed to AFMSS for processing by WESLEY INGRAM on 03/18/2014 (14WWW10267SE)

Name (Printed/Typed) TRISH MEALAND Title PRODUCTION ANALYST

Signature (Electronic Submission) Date 03/18/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WESLEY INGRAM Title PETROLEUM ENGINEER Date 03/18/2014

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 Carlsbad

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.

**Eagle 34G Federal 67
30-015-41432
Lime Rock Resources II A LP
March 18, 2014
Conditions of Approval**

- 1. Contact BLM at 575-361-2822 or 575-200-7902 a minimum of 24 hours prior to commencing operation.**
- 2. Operator shall have excess cement available for Bradenhead squeeze so that cement will circulate to surface.**
- 3. Operator shall wait a minimum of 4 hours or until cement reaches 500 psi compressive strength, whichever is greater, before going in the hole to do the remedial work at the production casing shoe.**
- 4. A CBL is required to determine that cement adequately covers the surface shoe.**
- 5. Operator shall wait on cement a minimum of 4 hours. Tag shall be with full weight of tubing. Tag shall be at 4588' or shallower.**
- 6. Operator shall bail a minimum of 35' of Class C cement on the CIBP set at 4400'. WOC and tag to verify that 35' of cement is in place.**

WWI 031814

LIME ROCK RESOURCES	County	EDDY	Well Name	Eagle 34G Federal #67	Field:	East Artesia	Well Sketch:	AFE D12027 Completion
	Surface Lat:	32.7915326 N	BH Lat:	32.7915326 N		Red Lake; Glorieta Yeso	Lime Rock Resources II-A, L.P. - Glorieta-Yeso	
	Surface Long:	104.2632211 W	BH Long:	104.2632211 W	Survey:	SEC34-T17S-R27E Unit G	API #	30-015-41432
						2345' FNL & 1750' FEL (NSL)	OGRID #	277558

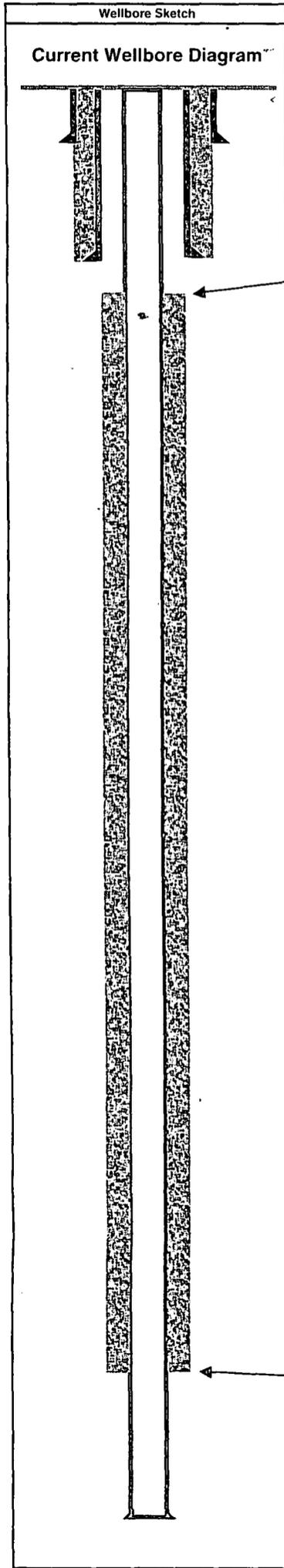
Directional Data:	
KOP	Vertical Well
Max Dev.:	
Dleg sev.:	
Dev @ Perfs	
Ret to Vert:	

Tubular Data							
Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC
Conductor	20"	N/A	B	Weld	80'	80'	SURF
Surface	8 5/8"	24#	J-55	STC	353'	353'	SURF
Intermediate							
Production	5 1/2"	17#	J-55	LTC	4,750'	4,750'	SURF
Liner							

Wellhead Data	
Type:	
WP:	
Tree Cap	Flange:
	Thread:
Tbg Hanger:	
8TM Flange:	
BPV Profile:	NA
Elevations:	GR - RKB = 11.8'
RKB:	3,593.0'
GL:	3,581.2'

Drilling / Completion Fluid	
Drilling Fluid:	10.2 PPG Brine / Salt Gel
Drilling Fluid:	
Completion Fluid:	2% KCL
Completion Fluid:	
Packer Fluid:	NA

CEMENT DATA							
	L/sks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	280	1.35	14.80	NA	NA	NA	167 Sx
Intermediate							
Liner							
Production	280	1.90	12.80	160.00	1.33	14.80	NA



Completion Information							
DEPTHS (MD)	FORMATION TOPS / WELL INFO	PERFORATIONS		# of HOLES	DETAILS		
		from	to				
0'							
80'					20" Conductor Pipe		
353'	12-1/4" Hole				8-5/8" Surf Csg. Circ 167 SX Cmt to Surf		
600'	Top of Cement				Verified by CBL 2-18-14		
843'	Queen Formation						
1,262'	Grayburg Formation						
1,527'	Premier Formation						
1,573'	San Andres						
1,878'	Middle San Andres						
2,426'	Lower San Andres						
2,931'	Glorieta Formation						
3,026'	Yeso						
4,420'	Bottom of Cement				Verified by CBL 2-18-14		
4,450'	Tubb Formation						
4,707'	PBDT				Float Collar		
4,750'	PROD CSG				5-1/2" Prod Csg. Had problems with cement job		
Comments: NM OCD CLP 0214442					Plug back Depth:	4,707'	4,707' MD
Pumped 280sx lead and 160sx of tail of production cement and pump truck went out, tried to pump cement around, but cement set up. Ran CBL and discovered cement to be from 600' down to 4420'					Total Well Depth:	4,750'	4,750' MD
					Prepared By:	Date:	
					Spencer Cox	3-Mar-14	

