

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM025604
2. Name of Operator LIME ROCK RESOURCES II A LP		6. If Indian, Allottee or Tribe Name
3a. Address 1111 BAGBY STREET SUITE 4600 HOUSTON, TX 77002		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-327-4573		8. Well Name and No. HAWK 9 G FEDERAL 19
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T18S R27E SWNE 2275FNL 2295FEL		9. API Well No. 30-015-43216-00-X1
		10. Field and Pool, or Exploratory RED LAKE
		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 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 checked="" 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 Hydraulic Fracture
	<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.)

THIS IS THE INITIAL COMPLETION OF A NEW OIL WELL.

On 8/22/16, MIRUSU. Drilled cmt to PBTD4943'. RDSU. On 8/24/16, PT 5-1/2" csg to 5000 psi for 30 min.-OK. On 8/25/16, perfed Yeso @ 4570'-4900' w/28-0.42" holes. On 9/13/16, treated new perfs w/1500 gal 15% HCL acid & fraced w/29,967# 100 mesh & 307,009# 40/70 Premium Plus sand in slick water.
Set 5-1/2" CBP @ 4530' & PT 5-1/2" csg-OK. Perfed Yeso @ 4234'-4509' w/33-0.42" holes. Treated new Yeso perfs w/1500 gal 15% HCL & fraced w/30,297# 100 mesh & 245,458# 40/70 Premium Plus sand in slick water.
Set 5-1/2" CBP @ 4120'. Perfed Yeso @ 3650'-4001' w/36-0.42" holes. Treated new Yeso perfs w/1500 gal 15% HCL & fraced w/30,021# 100 mesh & 323,625# 40/70 Premium Plus sand in slick water.
Set 5-1/2" CBP @ 3560'. Perfed Yeso @ 3130'-3491' w/37-0.42" holes. Treated new Yeso perfs w/1500

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #353094 verified by the BLM Well Information System
For LIME ROCK RESOURCES II A LP, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 09/30/2016 (16PP2103SE)

Name (Printed/Typed) MIKE PIPPIN

Title PETROLEUM ENGINEER

Signature (Electronic Submission)

Date 09/29/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional data for EC transaction #353094 that would not fit on the form

32. Additional remarks, continued

gal 15% HCL & fraced w/30,155# 100 mesh & 339,155# 40/70 Premium Plus sand in slick water.
On 9/16/16, MIRUSU. CO after frac, drilled CBPs @ 3560', 4120' & 4530', & CO to PBTD @ 4943'. On
9/20/16, landed PCP stator on 3-1/2" 9.3# L-80 tbg w/pollycore liner @ 3198'. Ran PCP rotor & rods.
Released completion rig on 9/22/16.