

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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. **NMNM89156**

6. If Indian, Allottee or Tribe Name  
**N/A**

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. <b>N/A</b>
2. Name of Operator <b>Lime Rock Resources II-A, L.P.</b>		8. Well Name and No. <b>Hawk 8J Fed #1</b>
3a. Address <b>1111 Bagby Street, Suite 4600, Houston, Tx 77002</b>	3b. Phone No. (include area code) <b>575-623-8424</b>	9. API Well No. <b>30-015-29012</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>2210' FSL &amp; 2310' FEL, Section 08-18S-27E, Unit J</b>		10. Field and Pool or Exploratory Area <b>Red Lake; Queen-Grayburg-SA</b>
		11. Country or Parish, State <b>Eddy County, New Mexico</b>

**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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Flaring Gas</u>
	<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 recompleate 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 recompleation 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.)

Requesting to flare gas due to DCP Artesia Plant keeping the Acid Gas Compressor Under Maximum Operating Volume.

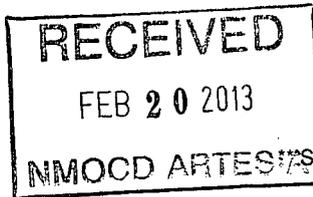
Estimated Volume - 3140 MCFPD

Estimated Time - 2 Weeks

Verbal approval has been given to flare gas by Duncan Whitlock on 2/4/13.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

Accepted for record  
NMOCD



See Attached sheet for list of wells in battery.

*Handwritten signature and date: M. Barrett 2/21/13*

14. I hereby certify that the foregoing is true and correct.	
Name (Printed/Typed) <b>Michael Barrett</b>	Title <b>Production Supervisor</b>
Signature <i>Michael Barrett</i>	Date <b>02/04/2013</b>

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

Approved by <i>[Signature]</i>	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 18 U.S.C. Section 1012 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**

**Hawk 8 Federal Battery NMNM89156**

Hawk 8J Fed 1	30-015-29012
Hawk 8J Fed 2	30-015-29049
Hawk 8N Fed # 21	30-015-34964
Hawk 8N Fed 7	30-015-29016
Hawk 8N Fed 8	30-015-29055

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

Limerock Resources II-A LP.  
Hawk 8J Fed #1 Battery  
NM89156  
February 4, 2013

### Condition of Approval to Flare Gas

1. Report all volumes on OGOR reports.
2. Comply with NTL-4A requirements
3. Subject to like approval from NMOCD
4. **Flared volumes will still require payment of royalties**
5. Install gas meter on vent/flare line to measure gas prior to venting/flaring operations if it is not equipped as such at this time. Gas meter to meet all requirements for sale meter as Federal Regulations and Onshore Order #5.
6. This approval does not authorize any additional surface disturbance.
7. Submit updated facility diagram as per Onshore Order #3.
8. Approval not to exceed 90 days for date of approval.
9. Submit Subsequent Report with actual volumes of gas flared for each month gas is flared.