

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.*

**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. NMLC070678A
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 8K FEDERAL 4
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T18S R27E NESW 1650FSL 2610FWL		9. API Well No. 30-015-29054-00-S1
		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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 recomple 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 DETAILS OF HAWK 8 K FEDERAL #4'S P&A.

LIME ROCK has P&Aed this Red Lake, Queen-Grayburg-San Andres well as follows: On 5/16/16, MIRUSU. Set a 5-1/2" CIBP @ 1193' on tbg. Got off CIBP & circ 121 sx cl "C" neat cmt from CIBP to surface. TOH. Topped off csgrs w/cmt. Cut off wellhead & installed P&A marker to comply with government specs. Released P&A rig on 5/18/16. Cut off anchors & restored location. See attached wellbore diagram.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

AUG 15 2017

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #341332 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 06/14/2016 (16CRW0010SE)		Accepted for record NIMOCB H. L. B.
Name (Printed/Typed) MIKE PIPPIN	Title PETROLEUM ENG (AGENT)	
Signature (Electronic Submission)	Date 06/07/2016	
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
Approved By <b>ACCEPTED</b>	JAMES A AMOS SUPERVISORY PET	Date 07/02/2017
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.		

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

# Hawk '8K' Federal #4

ACTUAL FINAL P&A

Red Lake, Queen-Grayburg-San Andres

K Sec. 08-18S-27E

M. PIPPIN 6/7/16

API: 30-015-29054

Spud: 7/27/1996

Completed: 8/17/1996

Elevation: 3,452' GL

Queen @ 612'

12-1/4" Hole

Grayburg @ 1063'

8-5/8" 24# J-55 Casing @ 1055'  
Cmt w/500 sx  
Circ. 75 sx cmt

PLUG #1: Pumped 121 sx cmt @ 1193'.

5-1/2" CIBP @ 1193'

Premier @ 1235'  
San Andres @ 1278'

Perfs 1,243' to 2,078'

7-7/8" Hole  
PBDT @ 2206'

TD@2250'

CIBP remains @ 2,154' (Drilled out & pushed from 1210')

5-1/2" 15.5# J-55 Casing @ 2249'  
Cmt w/400 sx "C"  
Circ. 62 sx cmt.

