

RECEIVED

Form 3160-5  
(March 2012)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 15 2013

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

Farmington Field Office

5. Lease Serial No.  
NM 109387

6. If Indian, Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS of Land Management**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

RCVD FEB 21 '13

SUBMIT IN TRIPLICATE - Other instructions on page 2.

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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

OIL CONS. DIV.

2. Name of Operator  
Logos Operating, LLC8. Well Name and No.  
Logos #3

DIST. 3

3a. Address  
4001 North Butler Avenue, Building 7101  
Farmington, NM 874013b. Phone No. (include area code)  
505-436-26279. API Well No.  
30-043-211354. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
741' FSL, 1263' FEL  
Section 5, T22N, R6W, UL P10. Field and Pool or Exploratory Area  
WC 22N6W5; DAKOTA (O)11. County or Parish, State  
Sandoval County, NM

## 12. CHECK THE 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 <u>Production Casing</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 recompleting 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 recompletion 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.)

Drilled 7-7/8" production hole to 6695' TD @ 19:30 hrs 2/9/2013. Ran 158 jts of 5-1/2", 17#, L80, LT&C casing. Land casing at 6686' KB, and stage tool at 4519' KB. Bump plug on 1st stage cement to 1440 psi- held OK. Opened Stage Tool & circulate 15 bbls of cement to surface. Drop plug on 2nd stage, pressured up to 2000 psi to close stage tool- holding OK. Circulated 60 bbls of cement to surface. ND BOP & set slips with 120K in tension. Rig released at 06:00 hrs 2/11/2013. Duration of Pressure Test?

## CEMENT DETAILS:

Logos #3- Production Casing/Cement Sundry (attachment)

1st Stage: Cemented with 176 sacks (62 bbls) Premium Lite H.S. FM w/ 0.25 #/sack Cello Flake, 0.3% CD-32, 6.25 #/sack LCM, and 1% FL-52A. Mixed @ 12.5 ppg, yield 1.99. Tailed in with 180 sacks (44 bbls) Type III w/ 1% CaCl, 0.25 #/sack Cello Flake, and 0.2% FL-52A. Mixed @ 14.6 ppg and yield 1.38. Dropped plug and displaced with 60 bbls FW and 94 bbls mud, bumped plug to 1440 psi- held OK. Dropped free fall opening bomb, pressured up, tool opened @ 1500 psi. Circulated 15 bbls of cement to surface. Switch over to rig pump & circulate for 5 hours.

2nd Stage: Cemented with 540 sacks (191 bbls) Premium Lite H.S. FM w/ 0.25 #/sack Cello Flake, 0.3% CD-32, 6.25 #/sack LCM-1. Mixed at 12.5 ppg and yield 1.99. Tailed with 50 sacks (12 bbls) Type III w/ 1% CaCl, 0.25 #/sack Cello Flake, and 0.2% FL-52A. Mixed at 14.6 ppg and yield 1.38. Dropped top plug and displaced with 105 bbls fresh water. Landed plug and closed DV Tool w/ 2000 psi- holding OK. Circulated 60 bbls of cement to surface.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

John Austin Akers

Title VP of Land

Signature

Date 02/12/2013

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

ACCEPTED FOR RECORD

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.

FEB 19 2013

(Instructions on page 2)

NMOCD

FARMINGTON FIELD OFFICE  
BY William Tambekou