Amended TVD

Form 3160-5
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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 page 2.*

5. Lease Serial No.
Jicarilla Apache Lease #424

6. If Indian, Allottee or Tribe Name
Jicarilla Apache Nation

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

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Logos 701H

2. Name of Operator
Logos Operating, LLC

9. API Well No.
30-043-21202

3a. Address
4001 North Butler Avenue, Building 7101
Farmington, NM 87401

3b. Phone No. *(include area code)*
505-330-9333

10. Field and Pool or Exploratory Area
WC 22N5W7; GALLUP (O)

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
Surface: 450' FNL, 510' FWL Section 8, T22N, R5W, UL D
Bottom: 660' FNL, 250' FWL Section 7, T22N, R5W, UL D

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Production Casing
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 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.)

05/06/14 DO & CO cmt to 5689'. Cont direction drill w/6-1/8" bit. See sundry dated 05/09/14 for verbal approval received to Revised Bottom Hole Location. TD 6-1/8" hole @ 10,766' TMD, 5401' TVD at 21:00hr on 05/09/14. 05/10/14 Circ to TD. LD Directional tools. 05/11/14 RU csg crew. RIH w/135jts 4-1/2" 11.6#, P-110, LT&C liner & land @ 10,766' w/FC @ 10,720' & landing collar @ 10,676'. TOL @ 4869'. Circ.

05/12/14 RU cementers. Preflush w/10bbls 2%KCL, 40bbls Tuned Spacer. Lead w/40sx (10bbls, 56cf) Elastiseal cmt.
Lead #2 w/290sx (75bbls, 422cf) Foamed Elastiseal cmt w/2.5% Foamer 760. Tail w/100sx (23bbls, 129cf) Elastiseal cmt.

Drop plug & displace w/136bbls water based spacer, bump plug @ 06:00hr on 05/12/14 & circ 20bbls foamed cmt to surface. RD cementers.
NU BOP 05/13/14 RIH w/polish mill, circ. PU/MU 4-1/2" Tie Back string, RIH w/115jts 11.6# P110 tie-back string. Space out, land & lock mandrel. PT csg to 1000# for 30min @ 19:00hr on 05/13/14, good test.

RDRR @ 06:00hr on 05/14/14

ACCEPTED FOR RECORD
JUL 18 2014
FARMINGTON FIELD OFFICE
BY: William Tambekou

OIL CONS. DIV DIST. 3
JUL 21 2014

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

Title Operations Technician

Signature Tam Sessions

Date 05/14/2014

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.

(Instructions on page 2)

CONFIDENTIAL

NMOCD