

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

JUN 19

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.
Jicarilla Apache Lease #424
6. If Indian, Allottee or Tribe Name
Jicarilla Apache Nation

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Logos Operating, LLC

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

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

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

8. Well Name and No.
Logos #702H

9. API Well No.
30-043-21219

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
440' FNL, 561' FWL BHL: 1980' FNL, 330' FNL
Section 8, T22N, R5W, UL D NW/NW Section 7, T22N, R5W, UL E SW/NW

10. Field and Pool or Exploratory Area
WC 22N5W7; Gallup (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 checked="" type="checkbox"/> Other Intermediate Casing
	<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 recompleat 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 recompleat 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.)

05/20/14 MU directional tools, TIH tag cmt @ 464', DO cmt f/464' t/FC @ 475', CO to 530'. Start drilling 8-3/4" intermediate hole. Start KOP @ 2507'. 05/22/14 Drill to 4920', circ. Pull directional tools. 05/23/14 RIH w/curve BHA, wash/ream to 4920', cont drilling curve to 6271' jnt MD/5424' VD on 05/27/14. Circ. 05/28/14 Work tight spot @ 6045', TOH & LD curve BHA. TIH w/reamer & CO to 6271', circ. 05/29/14 Breakdown reamer/bit. RIH w/146jts 7" 23#, J-55. LT&C csg & land @ 6171' w/FC @ 6126' & stage tool @ 4481'. 05/30/14 RU Halliburton to cmt. Could not re-establish circ. 5/30/14 contacted BLM-Jim Lovato & OCD-Bill Hoppe and rec'd verbal apvl to: if no circ @ shoe run 2nd stage cmt thru DV tool to surface, after drlg ahead set TOL min 100' above DV tool; if circ is established run 1st stage cmt. (Mancos top 4487' MD, DV tool 4481')

Cement 2nd Stage (assume DV tool open): Spacer 10bbls FW. Lead w/480sx(164bbls, 923cf) Halcem cmt w/3#/sx Kol-Seal, 0.125#/sx Poly-E-Flake. Tail w/50sx(10bbls, 58cf) Halcem cmt w/.2% Halad-9 Drop plug & displace w/175bbls FW. Bump plug, close stage tool @ 10:51hr on 05/30/14, & no cmt to surface. RD Halliburton. WOC. RU Blue Jet run temp log f/surface to 4300'. RD Blue Jet.

05/31/14 02:00hr PT 7" csg to DV tool @ 1500psi/30min, good test. PU 6-1/8" directional tools & BHA, TAG DV tool @ 4481', circ. DO DV tool & cmt f/4481' t/FC @ 6126', circ. 23:00hr PT 7" csg to FC @ 1500psi for 30mins, good test. RU Blue Jet run CBL f/6100' to surface under 1000psi. TOC 3350'. 06/01/14 contacted BLM-Jim Lovato & OCD-Brandon Powell: rec'd verbal apvl to proceed w/drilling to TD and cementing in 4-1/2" liner. BLM will let us remediate after completion and prior to turning well to production. OCD gave approval on 6/6/14 to install tie back string, stimulate and flowback the well, then remediate the 7" casing. Estimated stimulation to start 6/16 and end 6/25. Cement remediation to start 8/25.

OIL CONS. DIV DIST. 3

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

Tamra Sessions

Title Operations Technician

JUN 25 2014

Signature

Tamra Sessions

Date 06/18/2014

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

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.

JUN 24 2014

(Instructions on page 2)

NMOCDA

FARMINGTON FIELD OFFICE

BY: William Tambekou