

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 03 2014

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.5. Lease Serial No.
Jicarilla Apache Lease #417
6. If Indian, Allottee or Tribe Name
Jicarilla Apache Nation

RCVD FEB 4 '14

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
Logos Operating, LLC3a. Address
4001 North Butler Avenue, Building 7101
Farmington, NM 874013b. Phone No. (include area code)
505-330-93334. Location of Well (Footage, Sec., T., R., M., or Survey Description)
919' FSL, 1738' FEL
Section 10, T22N, R3W, UL O7. If Unit of CA/Agreement, Name and/or No.
OIL CONS. DIV.
DIST. 38. Well Name and No.
Jicarilla O 3E9. API Well No.
30-043-2116510. Field and Pool or Exploratory Area
Lindrith Gallup-Dakota, West11. 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 Completion & Cement Squeezes
	<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 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.)

01/09/14 ND tbq head, NU frac stack & PT, test ok.

01/15/14 RU Baker, Frac 1st Stage Daktoa (6540'-6732') w/2338bbbs Slickwater 70Q N2, 10,382# 100Mesh, 84,560# 40/70 Ottawa Sand. Total N2: 2.6MMSCF.

RU BlueJet WL, Set CFP @ 6490'. RIH w/BlueJet WL to perf Sanostee w/.385" diam, 3SPF @ 6236' - 6378' = 54 holes. Acidize w/48bbl 15% HCL Acid. Frac 2nd Stage Sanostee (6236'-6378') w/3937bbbs Slickwater, 6,775# 100Mesh, 66,561# 40/70 Ottawa Sand. Set CFP @ 5820'.

RIH w/BlueJet WL to perf Lower Gallup w/.385" diam, 3SPF @ 5610' - 5770' = 45 holes. Acidize w/48bbl 15% HCL Acid. Frac 3rd Stage Lower Gallup (5610'-5770') w/1317bbbs Slickwater 70Q N2, 10,329# 100Mesh, 83,600# 40/70 Ottawa Sand. Total N2: 2.6MMSCF. Set CFP @ 5580'.

RIH w/BlueJet WL to perf Middle Gallup w/.385" diam, 3SPF @ 5258' - 5544' = 48 holes. Acidize w/48bbl 15% HCL Acid. Frac 4th Stage Middle Gallup (5258'-5544') w/5323bbbs Slickwater, 9,454# 100Mesh, 96,999# 40/70 Ottawa Sand.

RD & release Frac equipment 01/15/14. Flowback 01/17 to 01/21/14.

**see attached page 2 for cement squeeze work on upper 5-1/2" casing.

ACCEPTED FOR RECORD

FEB 04 2014

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

Tamra Sessions

Title Operations Technician

Signature

Tamra Sessions

Date 02/03/2014

FARMINGTON FIELD OFFICE

BY: TL Salvors

CONFIDENTIAL

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)

NMCCD PV

Jicarilla O 3E
API# 30-043-21165
Lindrith Gallup-Dakota, West
Logos Operating, LLC
Page 2 of Completion Sundry

See NOI dated 01/21/14 for verbal apvl for 2nd sqz. **01/22/14** RU WL, RIH & set CBP @ 4120'. Shoot 3 sqz holes @ 4000'. RD WL. ND frac stack, NU tbg spool. MIRU AWS 656. RU cementers. Preflush w/10bbls mud clean II. Pump 545sx(190bbls, 1069cf) Premium Lite HS FM w/.3% CD-32, 2#/sx LCM-1, 1% FL-52A, and tail w/50sx(12bbls, 68cf) Type III w/1% CACL2, .2% FL-52A. Drop plug & displace w/91bbls FW @ 14:00hr. No cmt to surface. RD & release cement crew. **01/23/14** ND cmt head, NU BOP. TIH w/bit & tag cmt @ 3810'. DO cmt to 4002', circ. PT sqz holes @ 4000' to 500psi for 30mins, good test. ✓ TOH w/bit. RU WL, run CBL f/4070' to 3000'. RD WL.

See NOI dated 01/24/14 for verbal apvl for 3rd sqz. **01/24/14** RU WL, RIH & set CBP @ 3420'. PT CBP to 1500psi for 15min, good test. Shoot 3 sqz holes @ 3354'. RD WL. Unable to attain circ. **01/25/14** ND BOP, NU cmt head. Preflush w/10bbls mud clean II. Pump 404sx(153bbls, 861cf) Premium Lite FM w/5#/sx LCM-1, 8% Bentonite, .4% SM, .4% FL-52A, 3% CACL2 and tail w/50sx(12bbls, 68cf) Type III w/1% CACL2, .3% R-3, .2% FL-52A. Drop plug & displace w/76bbls FW @ 11:30hr. No cmt to surface. RD & release cement crew. **01/26/14** ND cmt head, NU BOP. TIH w/bit, tag cmt @ 3193'. DO 97' green cmt to 3290'. Circ clean. RU WL, run CBL f/3290' to surface. RD WL. **01/27/14** Rig on standby.

See NOI dated 01/27/14 for verbal apvl for 4th sqz. **01/28/14** RU WL. Shoot 3 sqz holes @ 2560'. RD WL. ND BOP, NU cmt head. Preflush w/10bbls mud clean II. Pump 264sx(100bbls, 562cf) Premium Lite FM w/3%CACL2, 5#/sx LCM-1, 8% Bentonite, .4% SM, .4% FL-52A, and tail w/50sx(12bbls, 68cf) Type III w/1% CACL2, .2% FL-52A, .25#/sx Cello Flake. Drop plug & displace w/57bbls FW @ 13:00hr. No cmt to surface. RD & release cement crew. **01/29/14** ND cmt head, NU BOP, TIH w/bit, tag cmt @ 2412'. DO cmt plug 2412' to 2561'. Circ clean. PT squeeze holes to 500psi for 30min, good test. ✓ RU WL, run CBL f/3290' to surface. RD WL.

✓
TOC @ 2400', top of Fruitland is covered and producing zones are isolated. Received verbal approval on 01/30/14 from Brandon Powell (OCD) and Steve Mason (BLM) that further cementing is not required. ✓
Bradenhead testing is to be done 7 days after rig moves off, again in 6 months, and then on a yearly basis. ✓

01/30/14 TIH w/bit, tag cmt @ 3290', DO cmt 3290' to 3355'. Circ clean. PT sqz holes @ 3354' to 500psi for 30min, good test. DO CBP @ 3420' & CO to CBP @ 4120'. **01/31/14** DO CBP @ 4120', & CFPs @ 5580', 5820' & 6490'. CO to PBTd 6775'. Flowback. ✓