

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 11 2014

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014**CONFIDENTIAL****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 ☐ 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)
Surface: 440' FNL, 561 FWL Bottom: 1976' FNL, 250' FWL
Section 8, T22N, R5W, UL D Section 7, T22N, R5W, UL E

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

8. Well Name and No.
Logos 702H9. API Well No.
30-043-2121910. 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 Completion	
	<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.)

06/20/14 MIRU AZ395. NU BOP. RIH w/bit to 11,027', circ. CO to bottom, circ. POOH. ND BOP. RDRR @ 06:00hr on 06/23/14

06/24/14 NU frac stack & PT, test ok. PT casing to 3800psi for 30min, good test.

see attached page 2.

OIL CONS. DIV DIST. 3

ACCEPTED FOR RECORD

JUL 14 2014

JUL 14 2014

FARMINGTON FIELD OFFICE

BY: William Tambekar

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

Tamra Sessions

Title Operations Technician

Signature

Tamra Sessions

Date 07/11/2014

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)

NMOCDAV

3

Logos 702H
API# 30-043-21219
Wildcat Gallup
Logos Operating, LLC
Page 2 of Completion Sundry

06/25/14 RU Baker & Basin WL to perf Gallup w/.38" diam, 3SPF @ 10912'-11004' = 24 holes.
06/26/14 **Frac 1st Stage** Gallup (10912'-11004') w/1427bbbls 70Q Foam, 24755# 20/40 Brown, 269680# 12/20 Brown Sand, 2.7mmscf N2. **Set CFP @ 10885'.**

Perf Gallup w/.38" diam, 3SPF @ 10637'-10856' = 30 holes. **Frac 2nd Stage** Gallup (10637'-10856') w/1596bbbls 70Q Foam, 24097# 20/40 Brown, 277180# 12/20 Brown Sand, 2.7mmscf N2. **Set CFP @10614'.**

06/27/14 Perf Gallup w/.38" diam, 3SPF @ 10361'-10581' = 30 holes. **Frac 3rd Stage** Gallup (10361'-10581') w/1523bbbls 70Q Foam, 25580# 20/40 Brown, 279500# 12/20 Brown Sand, 2.6mmscf N2. **Set CFP @10333'.**

Perf Gallup w/.38" diam, 3SPF @ 10088'-10305' = 30 holes. **Frac 4th Stage** Gallup (10088'-10305') w/1419bbbls 70Q Foam, 20280# 20/40 Brown, 273700# 12/20 Brown Sand, 2.4mmscf N2. **Set CFP @10057'.**

Perf Gallup w/.38" diam, 3SPF @ 9809'-10029' = 30 holes. **Frac 5th Stage** Gallup (9809'-10029') w/1475bbbls 70Q Foam, 24890# 20/40 Brown, 274120# 12/20 Brown Sand, 2.4mmscf N2. **Set CFP @9781'.**

06/28/14 Perf Gallup w/.38" diam, 3SPF @ 9533'-9753' = 30 holes. **Frac 6th Stage** Gallup (9533'-9753') w/1457bbbls 70Q Foam, 24700# 20/40 Brown, 270202# 12/20 Brown Sand, 2.5mmscf N2. **Set CFP @9505'.**

Perf Gallup w/.38" diam, 3SPF @ 9257'-9477' = 30 holes. **Frac 7th Stage** Gallup (9257'-9477') w/1478bbbls 70Q Foam, 25470# 20/40 Brown, 276960# 12/20 Brown Sand, 2.7mmscf N2. **Set CFP @9234'.**

Perf Gallup w/.38" diam, 3SPF @ 8981'-9201' = 30 holes. 06/29/14 **Frac 8th Stage** Gallup (8981'-9201') w/1487bbbls 70Q Foam, 24660# 20/40 Brown, 273280# 12/20 Brown Sand, 1.6mmscf N2. **Set CFP @8953'.**

Perf Gallup w/.38" diam, 3SPF @ 8704'-8925' = 30 holes. **Frac 9th Stage** Gallup (8704'-8925') w/1425bbbls 70Q Foam, 25000# 20/40 Brown, 276580# 12/20 Brown Sand, 2.4mmscf N2. **Set CFP @8677'.**

Perf Gallup w/.38" diam, 3SPF @ 8429'-8649' = 30 holes. **Frac 10th Stage** Gallup (8429'-8649') w/1302bbbls 70Q Foam, 24740# 20/40 Brown, 276920# 12/20 Brown Sand, 2.3mmscf N2. **Set CFP @8401'.**

Perf Gallup w/.38" diam, 3SPF @ 8153'-8373' = 30 holes. 06/30/14 **Frac 11th Stage Gallup (8153'-8373')** w/1424bbls 70Q Foam, 24600# 20/40 Brown, 273060# 12/20 Brown Sand, 2.5mmscf N2. **Set CFP @8125'.**

Perf Gallup w/.38" diam, 3SPF @ 7877'-8097' = 30 holes. **Frac 12th Stage Gallup (7877'-8097')** w/1397bbls 70Q Foam, 26440# 20/40 Brown, 272200# 12/20 Brown Sand, 2.2mmscf N2. **Set CFP @7856'.**

Perf Gallup w/.38" diam, 3SPF @ 7601'-7821' = 30 holes. **Frac 13th Stage Gallup (7601'-7821')** w/1345bbls 70Q Foam, 26260# 20/40 Brown, 272080# 12/20 Brown Sand, 2.5mmscf N2. **Set CFP @7573'.**

Perf Gallup w/.38" diam, 3SPF @ 7324'-7545' = 30 holes. **Frac 14th Stage Gallup (7324'-7545')** w/1290bbls 70Q Foam, 23740# 20/40 Brown, 271940# 12/20 Brown Sand, 2.4mmscf N2. **Set CFP @7297'.**

Perf Gallup w/.38" diam, 3SPF @ 7049'-7269' = 30 holes. 07/01/14 **Frac 15th Stage Gallup (7049'-7269')** w/1358bbls 70Q Foam, 27700# 20/40 Brown, 266060# 12/20 Brown Sand, 2.4mmscf N2. **Set CFP @7021'.**

Perf Gallup w/.38" diam, 3SPF @ 6773'-6993' = 30 holes. **Frac 16th Stage Gallup (6773'-6993')** w/1248bbls 70Q Foam, 24084# 20/40 Brown, 275260# 12/20 Brown Sand, 2.1mmscf N2. **Set CFP @6745'.**

Perf Gallup w/.38" diam, 3SPF @ 6497'-6717' = 30 holes. **Frac 17th Stage Gallup (6497'-6717')** w/1491bbls 70Q Foam, 24084# 20/40 Brown, 268120# 12/20 Brown Sand, 2.3mmscf N2. **Set CFP @6469'.**

Perf Gallup w/.38" diam, 3SPF @ 6213'-6434' = 30 holes. **Frac 18th Stage Gallup (6213'-6434')** w/2329bbls 70Q Foam, 24084# 20/40 Brown, 277620# 12/20 Brown Sand, 2.5mmscf N2. **Set CBP @2500' and PT to 3000psi for 15min, good test.**

RD & release Frac equipment 07/01/14.