

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AMENDED

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 #4246. 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

DEC 05 2013

2. Name of Operator
Logos Operating, LLC

Farmington Field Office

3a. Address
4001 North Butler Avenue, Building 7101
Farmington, NM 874013b. Phone No. (include area code)
505-330-9333

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

8. Well Name and No.
Logos #119. API Well No.
30-043-2115910. Field and Pool or Exploratory Area
Wildcat Gallup4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2075' FSL, 1730' FWL
Section 6, T22N, R5W, UL K11. 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.)

11/13/13 MIRU AWS 656. NU BOP. 11/14/13 TIH w/ PDC bit, tag cmt @ 4419'. At 08:30hr PT 5-1/2" csg to 980psi for 15mins, test ok. DO cmt & DV tool @ 4429'. Tag cmt @ 6251', CO cmt to FC @ 6271' Circ.

11/15/13 LD bit. ND BOP. RU Bluejet WL, run CBL f/6269' to surface. RD WL. PT 5-1/2" csg to 1000psi for 30min, test ok. RDRR @ 12:00hr.

11/19/13 ND tbg head, NU frac stack, test seals, OK. 11/20/13 NU goat head & PT, test ok.

OIL CONS. DIV DIST. 3

APPROVED FOR RECORD

see attached page 2

DEC 09 2013

DEC 0 2013

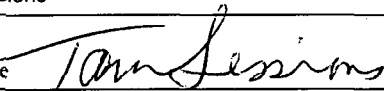
WILLIAM L. SLOAN
SLOAN

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

Tamra Sessions

Title Operations Technician

Signature



Date 11/27/2013

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

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)

NMOCDA

Logos 11
API# 30-043-21159
Wildcat Gallup
Logos Operating, LLC
Page 2 of Completion Sundry

11/21/13 RU Bluejet WL to perf Greenhorn w/.385" diam, 3SPF @ 6080' – 6150' = 39 holes. Acidize w/52bbl 12% HCL Acid. Frac **1st Stage Greenhorn (6080'-6150')** w/4092bbls Slickwater, 10,413# 100Mesh, 40,140# 40/70 Ottawa Sand. Set CFP @ **6020'**.

RIH w/BlueJet WL to perf Sanostee w/.385" diam, 3SPF @ 5850' – 5960' = 54 holes. Acidize w/49bbl 12% HCL Acid. Frac **2nd Stage Sanostee (5850'-5960')** w/6211bbls Slickwater, 4,980# 100Mesh, 80,877# 40/70 Ottawa Sand. Set CFP @ **5552'**.

RIH w/BlueJet WL to perf Lower Gallup w/.385" diam, 3SPF @ 5348' – 5456' = 42 holes.
11/22/13 Acidize w/63bbl 12% HCL Acid. Frac **3rd Stage Lower Gallup (5348'-5456')** w/2864bbls Slickwater 70Q N2, 10,135# 100Mesh, 93,140# 40/70 Ottawa Sand. Total N2: 2.49MMSCF. Set CFP @ **5330'**.

RIH w/BlueJet WL to perf Middle Gallup w/.385" diam, 3SPF @ 5198' – 5313' = 48 holes. Acidize w/53bbl 12% HCL Acid. Frac **4th Stage Middle Gallup (5198'-5313')** w/2687bbls Slickwater 70Q N2, 9,736# 100Mesh, 102,134# 40/70 Ottawa Sand. Total N2: 2.56MMSCF. Set CFP @ **5128'**.

RIH w/BlueJet WL to perf Upper Gallup w/.385" diam, 3SPF @ 4990' – 5098' = 45 holes. Total Gallup holes = 228. Acidize w/50bbl 12% HCL Acid. Frac **5th Stage Upper Gallup (4990'-5098')** w/3767bbls Slickwater, 9,736# 100Mesh, 60,529# 40/70 Ottawa Sand. RD & release Frac equipment 11/22/13.

11/22/13 Start Flowback.

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SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> 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	4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2075' FSL, 1730' FWL Section 6, T22N, R5W, UL K
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.	
8. Well Name and No. Logos #11		9. API Well No. 30-043-21159		10. Field and Pool or Exploratory Area Wildcat Gallup	
11. County or Parish, State Sandoval County, NM					

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RCVD NOV 25 '13
OIL CONS. DIV.

DIST. 3
ACCEPTED FOR RECORD

NOV 25 2013

RECEIVED NOV 25 2013
BY T. Sellers

see attached page 2

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tamra Sessions		Title Operations Technician
Signature <i>Tamra Sessions</i>		Date 11/24/2013

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	

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