

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 21 2016

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office  
Bureau of Land Management

5. Lease Serial No.  
JAN 108

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
1b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Reserv.,  
Other: \_\_\_\_\_

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

7. Unit or CA Agreement Name and No.

2. Name of Operator  
Logos Operating, LLC

8. Lease Name and Well No.  
LOGOS Jicarilla 24D

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

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

9. API Well No.  
30-039-31339 -0051

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 807' FNL & 215' FWL, UL D

OIL CONS. DIV DIST. 3

10. Field and Pool or Exploratory  
Tapacito Gallup (Associated)

11. Sec., T., R., M., on Block and  
Survey or Area Sec. 24, T26N, R5W

At top prod. interval reported below

Same as above.

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12. County or Parish  
Rio Arriba

13. State  
NM

At total depth Same as above.

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14. Date Spudded  
11/08/2015

15. Date T.D. Reached  
11/18/2015

16. Date Completed 01/19/2016  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6644' GL

18. Total Depth: MD  
TVD 7159'

19. Plug Back T.D.: MD  
TVD 7099'

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GR/CCL/CBL/PEX

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J-55	36	0	524'	N/A	239 sks	59 bbls	surface	25 bbls
7-7/8"	4-1/2" P-110	11.6	0	7144'	5101', 2427'	1203 sks	437 bbls	surface	117 bbls

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	not yet							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	5767'	7159'	6727'-6737'	0.40"	40	open
B) Gallup	5767'	7159'	6727'-6729'	0.38"	6	open
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6727'-6737'	Frac w/53bbls treated water; 689bbls WaterFrac G 25# 70Q, 1070bbls Delta 200 20#, 355000# 20/40 AZ Brown Sand, 10180 100Mesh, 4.0mmscf N2
6727'-6729'	Used for DFIT. Stimulated with above frac.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→	0	0	0			Flowtest will be reported on 1st Delivery.
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
		0	→	0	0	0			

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

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\*(See instructions and spaces for additional data on page 2)

NMOCDFV

FARMINGTON FIELD OFFICE  
BY: William Tambekou 2

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

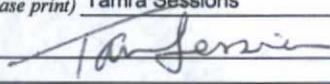
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo Kirtland	2452 2822				
Fruitland Pictured Cliffs	2868 3180				
Lewis Chacra	3349 4111				
Cliff House Menefee	4878 4967				
Point Lookout Mancos	5391 5767				
Gallup	6424				

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Tamra Sessions      Title Regulatory Specialist  
 Signature       Date 01/21/2016

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.