

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
JAN 146

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

7. Unit or CA Agreement Name and No.

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

2. Name of Operator
Logos Operating, LLC

8. Lease Name and Well No.
LOGOS Jicarilla 9P

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

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

9. API Well No.
30-039-31338

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
901' FSL & 1063' FEL, UL P
At surface

10. Field and Pool or Exploratory
Basin Mancos

OIL CONS. DIV DIST. 3

DEC 30 2015

11. Sec., T., R., M., on Block and
Survey or Area Sec. 9, T25N, R5W

12. County or Parish
Rio Arriba

13. State
NM

At top prod. interval reported below
Same as above.

At total depth Same as above.

14. Date Spudded
11/17/2015

15. Date T.D. Reached
11/28/2015

16. Date Completed 12/21/2015
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6755' GL

18. Total Depth: MD
TVD 6915'

19. Plug Back T.D.: MD
TVD 6857'

20. Depth Bridge Plug Set: MD
TVD

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

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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J-55	36	0	551' (GL)	N/A	239 sks	59 bbbls	surface	20 bbbls
7-7/8"	4-1/2" P-110	11.6	0	6905' (KB)	5100', 2440'	1162 sks	423 bbbls	surface	100 bbbls

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	5544'	6915'	6360'-6370'	0.40"	40	open
B) Gallup	5544'	6915'	6509'-6511'	0.38	6	open
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
6360'-6370'	Frac w/52bbbls treated water; 1102bbbls WaterFrac G 25# 70Q, 164017# 20/40 Arizona Brown Sand, 1.8mmscf N2
6509'-6511'	Not stimulated. Used for DFIT.

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

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	
	SI	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	
	SI		→						

ACCEPTED FOR RECORD

DEC 29 2015

FARMINGTON FIELD OFFICE
BY: *[Signature]*

*(See instructions and spaces for additional data on page 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	2060 2581				
Fruitland Pictured Cliffs	2637 2957				
Lewis Chacra	3069 3817				
Cliff House Menefee	4601 4648				
Point Lookout Mancos	5168 5544				
Gallup	6199				

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 Operations Technician
 Signature *Tamra Sessions* Date 12/28/2015

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.