

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Confidential

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG **OCT 28 2013**

5. Lease Serial No.
NMNM 109399

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

6. If Indian, Allottee or Tribe Name

2. Name of Operator
Logos Operating, LLC

7. Unit or CA Agreement Name and No.
Report to Leases

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

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

8. Lease Name and Well No.
Logos #7

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

9. API Well No.
30-043-21155-005i

1645' FNL & 180' FWL
At surface
Same as above.
At top prod. interval reported below
Same as above.
At total depth

10. Field and Pool or Exploratory
Wildcat Gallup

11. Sec., T., R., M., on Block and
Survey or Area Sec. 5, T22N, R5W

12. County or Parish
Sandoval

13. State
NM

14. Date Spudded
09/25/2013

15. Date T.D. Reached
10/07/2013

16. Date Completed **10/24/2013**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6880' GL

18. Total Depth: MD
TVD 6410'

19. Plug Back T.D.: MD
TVD 6348'

20. Depth Bridge Plug Set: MD
TVD

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

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" H-40	32.3	0	520'	N/A	143 sks	41 bbls	surface	20
7-7/8"	5-1/2" P-110	17	0	6396'	4372'	900 sks	302 bbls	surface	50

**RCVD NOV 1 '13
OIL CONS. DIV.
DIST. 3**

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	not yet							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	4300'	6139'	4969'-6120'	0.38"	213	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6030'-6120'	Frac w/47bbls of 15% HCl; 3882 bbls of slickwater, 10,000# of 100Mesh; 43,880# 40/70 sand
5820'-5912'	Frac w/48bbls of 15% HCl; 3593 bbls of slickwater, 5,000# of 100Mesh; 28,942# 40/70 sand
5360'-5420'	Frac w/48bbls of 15% HCl; 2719 bbls of slickwater 70QN2, 10,000# of 100Mesh; 125,020# 40/70 sand, 2.5mmscf N2
5194'-5322'	**see #32 for 5th Frac w/48bbls of 15% HCl; 2501 bbls of slickwater 70QN2, 10,000# of 100Mesh; 118,878# 40/70 sand, 2.4mmscf N2

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		pumping	

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

OCT 29 2013

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

NMOCD 12

FARMINGTON FIELD OFFICE
BY William Tambekou

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.)
Gas TSTM.

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	1364 1512				
Fruitland Pictured Cliffs	1739 1888				
Lewis Cliff House	1990 3410				
Point Lookout Mancos	4110 4300				
Gallup Greenhorn	5190 6092				
Graneros Dakota	6140 6160				

32. Additional remarks (include plugging procedure):
#27
**4969'-5074' Frac w/48bbbls of 15% HCl; 4014 bbls of slickwater, 9,360# of 100Mesh; 80,000# 40/70 sand.
#28
LOGOS will file a subsequent production allocation sundry upon recovery of frac load.

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  Date 10/28/2013