

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 08 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGBOOK FOR

Lease Serial No.  
NM 109399

1a. 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  
7. Unit or CA Agreement Name and No.

2. Name of Operator  
Logos Operating, LLC

8. Lease Name and Well No.  
Warner-Caldwell 3B

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

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

9. API Well No.  
30-045-35506 - 0051

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

384' FNL & 1960' FEL, UL B  
At surface  
Same as above.  
At top prod. interval reported below  
At total depth Same as above.

10. Field and Pool or Exploratory  
Nageezi Gallup

11. Sec., T., R., M., on Block and  
Survey or Area Sec. 8, T23N, R8W

12. County or Parish  
San Juan  
13. State  
NM

CONFIDENTIAL

14. Date Spudded 03/10/2014  
15. Date T.D. Reached 03/17/2014  
16. Date Completed 04/03/2014  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6867' GL

18. Total Depth: MD  
TVD 6155'

19. Plug Back T.D.: MD  
TVD 6095'

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" J-55	36	0	342'	N/A	101 sks	29 bbls	surface	7 bbls
7-7/8"	5-1/2" P-110	17	0	6140'	4210'	900 sks	273 bbls	surface	66 bbls

RCVD APR 9 '14  
OIL CONS. DIV.  
LIST. 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	4140'	5994'	5062'-5990'	0.385"	156	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5926'-5990'	Frac w/48bbls of 15% HCL; 4174bbls Slickwater, 10,180# 100Mesh 68,943# 40/70 Ottawa Sand
5312'-5390'	Frac w/24bbls of 15% HCL; 2234bbls Slickwater 70Q N2, 9,930# 100Mesh, 86,240# 40/70 Ottawa Sand, 1.8mmscf N2
5186'-5262'	Frac w/24bbls of 15% HCL; 2387bbls Slickwater 70Q N2, 11,044# 100Mesh, 112,004# 40/70 Ottawa Sand, 2.0mmscf N2
5062'-5142'	Frac w/24bbls of 15% HCL; 3777bbls Slickwater, 8,866# 100Mesh, 79,153# 40/70 Ottawa Sand

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

APR 09 2014

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

NMOCDA

FARMINGTON FIELD OFFICE  
BY: William Lambekou

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	852 1064				
Fruiland Pictured Cliffs	1490 3964				
Lewis Cliff House	2000 3394				
Menefee Point Lookout	----- -----				
Mancos Sanostee	4140 5704				
Greenhorn Graneros	5924 5994				
Dakota	-----				

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 04/08/2014

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.