

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

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

2. Name of Operator  
Logos Capital Management, LLC

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

3a. Phone No. (include area code)  
505-436-2627

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

RECEIVED

1610' FNL & 1710' FWL

At surface

Same as above.

At top prod. interval reported below

At total depth Same as above.

Farmington Field Office

14. Date Spudded  
05/29/2012

15. Date T.D. Reached  
06/05/2012

16. Date Completed  
☐ D & A ☒ Ready to Prod.

9. API Well No.  
30-043-21119

10. Field and Pool or Exploratory  
WC22N5W5;Gallup(O)

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

12. County or Parish  
Sandoval

13. State  
NM

18. Total Depth: MD 6630'  
TVD

19. Plug Back T.D.: MD 6610'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR/CCL/CBL

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"	8-5/8" J-55	24#	0	518'	N/A	400	99	surface	0
7-7/8"	5-1/2" P-110	17#	0	6630'	2896', 4497'	815	208	surface	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
To be reported on	1st delivery date.							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Upper Gallup	5022	5134	3 SPF	0.43"	39	open
B) Lower Gallup	5205	5457	2 SPF	0.43"	36	open
C)						
D)						

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

Depth Interval	Amount and Type of Material
5022-5134 (Upper Gallup)	Frac with 2000 gal of 15% HCl, 13,745# of 100 mesh sand and 120,000# of 40/70 sand in 10,314 bbls of 2% KCl slickwater. AIP at 2100 PSI.
5205-5457 (Lower Gallup)	Frac with 2000 gal of 15% HCL, 10# linear gel in a 60 quality foam, 16,600# of 100 mesh sand and 204,476# of 40/70 sand, 6876 BBLS of 2% KCL, and 10,368 MCF N2. AIP at 3300 PSI.

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
			→						To be reported on 1st delivery date.
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	RCVD SEP 17 '12 OIL CONS. DIV. DIST. 3
			→						

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	
			→						

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

OPERATOR  
NMUCD A

SEP 14 2012

FARMINGTON FIELD OFFICE  
BY TL Salyers

ACCEPTED FOR RECORD

## 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	Fig. 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	Fig. 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.)

Flowing well back, 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	1395 1550				
Fruitland Coal Pictured Cliffs	1780 1920				
Lewis Shale Chacra	2023 2324				
Cliffhouse Menefee	3435 3480				
Point Lookout Mancos	4145 4340				
Greenhorn Dakota	6130 6202				

## 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) Kristy Graham

Title Director of Administration and Engineering Support

Signature

Date 09/12/2012

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.

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