

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office
Bureau of Land Management

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Zones ☐ Hydraulic Fracturing
Other: _____

2. Name of Operator
LOGOS Operating, LLC

3. Address
2010 Afton Place, Farmington, NM 87401

3a. Phone No. (Include area code)
505-787-2218

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

At surface 1288' FSL 337' FEL, SE/SE, P Sec 07, T23N, R7W

At top prod. interval reported below

At total depth 65' FSL 156' FWL, Lot 7 Sec 06, T23N, R7W

14. Date Spudded
10/6/2018

15. Date T.D. Reached
11/06/2018

16. Date Completed 12/16/2018
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
7268' GL

18. Total Depth: MD 13441'
TVD 5778'

19. Plug Back T.D.: MD 13384'
TVD 5778'

20. Depth Bridge Plug Set: MD
TVD

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

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J-55	36#	0'	328' GL	n/a	101 sks	29 bbls	0' CIR	10 bbls
8-3/4"	7" J-55	23#	0'	6424'	2923'	880 sks	258 bbls	0' CIR	3 bbls
6-1/8"	4-1/2" P110	11.6#	6280'	13428'	n/a	665 sks	161 bbls	6280' CIR	30 bbls

24. Tubing Record

Size	Depth Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	6396'	6198'	2-7/8"	6183'				

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	4663' VD	5679' VD	9452'- 6590' MD	0.38" / 2spf	432	open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure uploaded on FracFocus.org
9452'-6590' MD	Frac w/5,218,288# 20/40 Arizona Sand, 997,483gals 70% Linear Gel N2 Foam, 41,300,628scf 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
12/24/18	12/25/18	12	→	445	4,306	427			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 728	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
49/64	SI 740		→	799	4,306	819		Flowing	

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		→						

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

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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	1470 1622				
Fruitland Pictured Cliffs	1796 2114				
Chacra Cliff House	2944 3623				
Menefee Point Lookout	3661 4452				
Mancos Gallup	4662 5679				

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) Marie E FlorezTitle Regulatory SpecialistSignature Date 01/29/2019

Title 18 U.S.C. Section 1001 and Title 48 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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