

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

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 2200' FSL 578' FWL, NW/SW, L Sec 14, T23N, R8W

At top prod. interval reported below

At total depth 2322' FSL 250' FWL, NW/SW, L Sec 15, T23N, R8W

14. Date Spudded 6/07/2018
 15. Date T.D. Reached 6/21/2018
 16. Date Completed 08/04/2018
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* 6878' GL
 18. Total Depth: MD 10696' TVD 5156'
 19. Plug Back T.D.: MD 10646' TVD 5156'
 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'	331' GL	n/a	101 sks	29 bbls	0' CIR	10 bbls
8-3/4"	7" J-55, L-80, P110	23# 26# 26#	0'	5718'	n/a	787 sks	242 bbls	0' CIR	30 bbls
6-1/8"	4-1/2" P110	11.6#	5524'	10693'	n/a	467 sks	113 bbls	5524' 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"	5732'	5445'	2-7/8"	5427'				

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	5201' VD	5156' VD	10228'-10605' MD	0.38" / 3spf	80	open
B)			10198'-5763' MD	0.38" / 2spf	576	open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org
 Depth Interval 5763'-10605' MD
 Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org: Frac w/7,240,452# 20/40 Arizona Sand, 1,497,396gals 70% Linear Gel N2 Foam, 50,400,051sf N2
 ACCEPTED FOR RECORD
 FARMINGTON FIELD OFFICE
 By: _____

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
8/5/18	8/5/18	12	→	120	456	260			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
34/64	400	624	→	125	648	552		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	
			→						

*(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

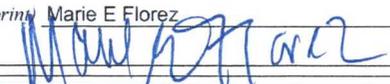
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	908				
Kirtland	1070				
Fruitland	1224				
Pictured Cliffs	1506				
Chacra	1909				
Cliff House	2974				
Menefee	3055				
Point Lookout	3845				
Mancos	4043				
Gallup	4834				
Lower Gallup	5231				

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 Florez Title Regulatory Specialist
 Signature  Date 09/20/2018

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