

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: _____

5. Lease Serial No.
NMNM136672

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM 138467

2. Name of Operator
LOGOS Operating, LLC

8. Lease Name and Well No.
Federal 2307 07P Com 2H

3. Address
2010 Afton Place, Farmington, NM 87401

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

9. API Well No.
30-039-31367

4. Location of Well (Report location clearly and in accordance with Federal regulations)
1283' FSL 317' FEL, SE/SE, P Sec 07, T23N, R7W
At surface

10. Field and Pool or Exploratory
Lybrook Gallup

11. Sec., T., R., M., on Block and Survey or Area
Sec 07, T23N, R7W

At top prod. interval reported below

At total depth 2487' FSL 218' FWL, Lot 6 Sec 06, T23N, R7W

FEB 05 2019

DISTRICT III

12. County or Parish
Rio Arriba County

13. State
NM

14. Date Spudded
10/7/2018

15. Date T.D. Reached
11/12/2018

16. Date Completed 12/21/2018
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
7267' GL

18. Total Depth: MD 13863'
TVD 5812'

19. Plug Back T.D.: MD 13811'
TVD 5811'

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'	345' GL	n/a	101 sks	29 bbls	0' CIR	9 bbls
8-3/4"	7" J-55	23#	0'	6264'	2887'	880 sks	273 bbls	0' CIR	36 bbls
6-1/8"	4-1/2" P110	11.6#	6113'	13858'	n/a	710 sks	172 bbls	6113' 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"	6291'	5994'	2-7/8"	5979'				

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	4694' VD	5703' VD	6400'-7099' MD	0.38" / 2spf	96	open
B)						
C)						
D)						

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

Depth Interval: 6400'-7099' MD

Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org: Frac w/1,259,920# 20/40 Arizona Sand, 218,081gals 70% Linear Gel N2 Foam, 9,383,218scf N2

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
12/24/18	12/25/18	12	➔	425	779	194			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
61/64	400	805	➔	775	1,244	410		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)

CONFIDENTIAL