

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: HELIUM

2. Name of Operator  
TACITUS LLC

3. Address  
2100 CORTLAND DRIVE, FARMINGTON NM 87401

3a. Phone No (Include area code)  
403-400-0459

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

At surface 2050' FNL, 2050' FWL SEC 21 T26N R18W

At top prod. interval reported below 2050' FNL, 2050' FWL SEC 21 T26N R18W

At total depth 2050' FNL, 2050' FWL SEC 21 T26N R18W

14. Date Spudded  
11/20/1969 ORIGINAL

15. Date T.D. Reached  
9/10/2018

16. Date Completed 09/11/2018  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
5656' GL, 5670' RKB

18. Total Depth: MD 6520'  
TVD

19. Plug Back T.D.: MD 6520'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CASED HOLE NEUTRON & GAS SPECTRUM

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
17 1/4"	13 3/8"	61#	0'	110'		150		SURFACE	
11"	8 5/8"	32#	0'	1506'		500		SURFACE	
7 7/8"	5 1/2"	14, 15.5#	0"	6256'		1050		SURFACE	
4 3/4"	3 1/2"	9.3#	6230'	6520'		UNCEMENTED			

**24. Tubing Record**

Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	6223'	6211'	5 1/2"					

**25. Producing Intervals**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) MSSP LEADVILLE	6431'	TD IN LDVL'	6230-6520	0.50	1160	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 upload on FracFocus.org
NONE	NONE

**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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

**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)

NMOCD-

Rec'd 4/10/19  
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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

HERMOSA PSLV D 6158'  
PINKERTON TRAIL 6252'  
MOLAS 6363'  
LEADVILLE 6431'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
LEADVILLE (LDVL)	6431'	TD IN LDVL	LIMESTONE AND FEW MUDSTONES INTERBEDDED		

## 32. Additional remarks (include plugging procedure).

8/28/2018 - 9/11/2018

Squeezed off the existing Pennsylvania perforations (6182'- 6200') with 125 sx (147.5 cf) of Class G. PT 5-1/2" casing to 560 psi - lost 180 psi in 30 min. Recieved approval to proceed w/ original plan by D. Mankiewitz w/ BLM on 8/31/18. Drilled out CICR at 6130' and cement through perf interval. Clean out and drill out shoe track in original 5-1/2" casing down to 6255'. Deepen well w/ 4-3/4" air hammer bit to new TD of 6520'. Run 3-1/2", N80, 9.3# pre-perf liner (4spf) to cover open hole. Set liner at 6520, top of liner at 6230'. Run 5-1/2" casing packer on 2-7/8" tbg. Set packer at 6211' and land tubing in well head. Currently, flow testing for commercial Helium production. Gas samples show content to be fully inert, 7.4%He and 91.5% N

## 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  
☐ Sandry 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) PETER E KONDRAT

Title AGENT-GEOLOGIST

Signature

Date 01/08/2019

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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