Form 3160-4
(June 2015)

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

5. Lease Serial No.
14-20-603-5033

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☑ Other
b. Type of Competion ☐ New Well ☐ Work Over ☑ Deepen ☐ Plug Back ☐ Diff. Zones ☐ Hydraulic Fracturing
Other: HELIUM

6. If Indian, Allottee or Tribe Name
NAVAJO

7. Unit or CA Agreement Name and No.

2. Name of Operator
TACITUS LLC

8. Lease Name and Well No.
NAVAJO TRIBAL P #6

3. Address
2100 CORTLAND DRIVE, FARMINGTON NM 87401

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

9. API Well No.
30 – 045 - 21745

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**
At surface 660 FSL, 1980 FEL SEC 7, T26NR18W NMPM. LAT/LONG 36.4971848,-108.7979431 NAD83

At top prod. interval reported below 660 FSL, 1980 FEL SEC 7, T26NR18W NMPM. LAT/LONG 36.4971848,-108.7979431 NAD83

At total depth 660 FSL, 1980 FEL SEC 7, T26NR18W NMPM. LAT/LONG 36.4971848,-108.7979431 NAD

10. Field and Pool or Exploratory
TOCITO DOME MISSISSIPPIAN, NORTH

11. Sec., T., R., M., on Block and Survey or Area SEC 7, T26NR18W

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
4/19/1975 ORGINAL

15. Date T.D. Reached
1/31/2019

16. Date Completed 02/04/2019
☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5830' GL, 5843' RKB

18. Total Depth: MD 6705' TVD

19. Plug Back T.D.: MD 6705' TVD

20. Depth Bridge Plug Set: MD TVD

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

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"	54.5#	0'	124'		135		SURFACE	
11"	8 5/8"	24#	0'	1502'		600		SURFACE	
7 7/8"	5 1/2"	15.5#	0"	6479'		1500		SURFACE	
4 3/4"	2 7/8"	6.5#	6450'	6705'		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"	6450'	6406'	5 1/2"					

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	MSSP LEADVILLE	6644'	TD IN LDVL'	6644-6656'; 6666-6674'	0.29"	80	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

NMOCD
APR 11 2019
DISTRICT III

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**	

4/9/19

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

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 6333'
PINKERTON TRAIL 6439'
MOLAS 6576'
LEADVILLE 6644'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
LEADVILLE (LDVL)	6644'	TD IN LDVL	LIMESTONE AND FEW MUDSTONES INTERBEDDED		

32. Additional remarks (include plugging procedure).

Work Summary: 1/23/2019 - 2/4/2019

Work started during the Government Shutdown,notified Gail Leslie-Bob & Steven Prince with NN Inspection & Enforcement, David Mankiewisz with BLM & NMOCD Aztec office. Received verbal approvals to start work 1/17/2019 from David Mankiewisz, BLM.
Squeezed off the existing Pennsylvania perforations (6365'- 6376') with 170 sacks (212 cf) of Class G Cement. Drilled out CICR at 6300' and cement through perf interval. Contacted Gail Leslie Bob, Navajo Inspector and tested 5-1/2" csg F/ 6250' – T/ Surface to 600#, held 30min, 45# loss (7.5%), good test. Clean out and drill out shoe track in original 5-1/2" casing down to 6433'.
Deepened well w/ 4-3/4" air hammer bit to new TD of 6705'. Logged with GR/Neutron 6300-6705'. Perforated 6644'-6656' and 6666'-6674' (4spf, 0.29" EHD, 26" EPD).Ran 2-7/8", 6.5# J-55 tubing as liner to cover open hole to 6705', cut liner top at 6450'. Run 5-1/2" casing packer on 2-7/8" tbg. Set packer at 6406' and land tubing in well head. Currently, flow testing for commercial Helium production.

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)* PETER E KONDRAT Title AGENT-GEOLOGIST

Signature Date 04/05/2019

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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