

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

Heather Riley, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 5-7-18

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-20583-00-00	NAVAJO TRIBAL N	011	Tacitus, LLC	G	A	San Juan	N	D	17	26	N	18	W

Application Type:

- ☐ P&A ☐ Drilling/Casing Change ☐ Location Change
- ☒ **Recomplete/DHC** (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)
- ☐ Other:

Conditions of Approval:

- Hold C-104 for NSL.

NMOCD Approved by Signature

5/8/18
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 14-20-603-5034
2. Name of Operator Tacitus, LLC		6. If Indian, Allottee or Tribe Name Navajo
3a. Address 2100 Cortland Drive, Farmington, NM 87401	3b. Phone No. (include area code) 403-400-0459	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See 17 T26N R18W; NWNW 560' FNL & 1150' FWL, 36.493798 N Lat., -108.787328 W Long		8. Well Name and No. Navajo Tribal "N" 11
		9. API Well No. 30-045-20583
		10. Field and Pool, or Exploratory Area Tacito Dome
		11. County or Parish, State San Juan, NM

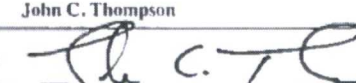
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

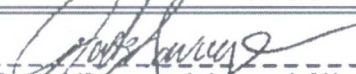
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Tacitus, LLC intends to squeeze off the existing Pennsylvania perforations and then drill out shoe joint w/ 4-3/4" bit to the Mississippian formation. Plan to run logs and test for Helium potential. If tests are positive, plan to run 4" run liner and cement in place then perforate and acidize Mississippian formation.

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) John C. Thompson		Title Agent/Engineer for Tacitus, LLC
Signature 	Date 05/07/2018	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	Title PE	Date 5/8/18
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office PFO	

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

(Instructions on page 2)

FARMINGTON 

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-20583	² Pool Code 8620	³ Pool Name North Tocio Dome Mississippian
⁴ Property Code	⁵ Property Name Navajo Tribal "N"	⁶ Well Number #11
⁷ OGRID No. 372957	⁸ Operator Name Tacitus, LLC	⁹ Elevation 5834'

¹⁰ Surface Location

UL or lot no. D	Section 17	Township 26N	Range 18W	Lot Idn	Feet from the 560'	North/South line North	Feet from the 1150'	East/West line West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 640	¹³ Joint or Infill N	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	¹⁶	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unreleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date 5/7/18 John C. Thompson Printed Name john@walsheng.net E-mail Address
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Original Survey 11/5/1969 – by EV Echohawk Date of Survey _____ Signature and Seal of Professional Surveyor: _____ E.V. Echohawk - 3602 Certificate Number _____	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND RESERVE DESIGNATION PLAT

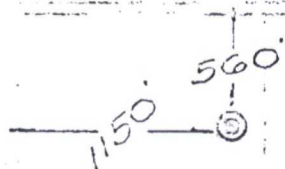
Form O-101
Revised 1-1-66
Effective 1-1-66

Oil Company: PAN AMER. OIL PETROLEUM CORPORATION Navajo Tribal "A"
Section: 17 Township: 26 North Range: 18 West County: San Juan
Section: 560 Township: North Range: 1150 County: West
Report Later: Pennsylvanian "D" Tecito Dome Penn. "D" 160 NW/4

1. Describe the acreage dedicated to the subject well by colored pencil or markers on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership interest (both as to well and the land and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, three-pooling, etc?

NOV 10 1969

☐ Yes ☐ No If answer is "yes," type of communitization: _____
If answer is "no," list the owners and their descriptions which have normally been consolidated (Rust Revenue, Mineral, etc., if necessary).
If more than one lease will be dedicated to the well, each an interest have been consolidated by communitization, unitization, three-pooling, or otherwise, or with a non-standard unit, eliminating such interests, has been approved by the Commission.

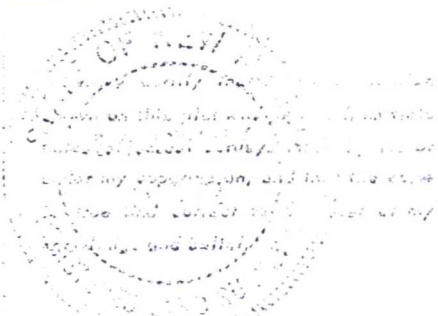


NMOC
MAY 08 2013
DISTRICT III

CERTIFICATION

I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief.

L. P. Charni
Name: _____
Petroleum Engineer
Pan American Petr. Corp.
Company: _____
November 7, 1969
Date: _____



November 5, 1969

E. J. Eawls
Commissioner
3602

[illegible]

Geologic Markers	
MD	Formation
Surface	
	Dakota
	Morrison
	Bluff
2113'	Todilto
2129'	Entrada
2900'	Chinle
3794'	DeChelly
4391'	Cutler
5779'	Penn
	Ismay
6191'	BarkerCreek
6377'	Penn D



WALSH
ENGINEERING
FARMINGTON, NM

Proposed TD: 6730'

NMOC D

MAY 08 2018

DISTRICT III