

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 Tocito Dome
		11. County or Parish, State San Juan, NM

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

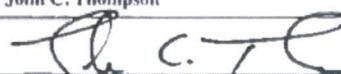
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 recomplete 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.)

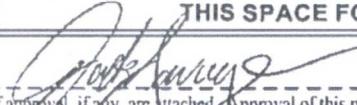
**Tacitus, LLC intends to squeeze off the existing Pennsylvania perforations and then drill out shoe joint w/ 4-3/4" bit to the Mississippian formation. Plan to run logs and test for Helium potential. If tests are positive, plan to run 4" run liner and cement in place then perforate and acidize Mississippian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

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

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

<sup>10</sup> 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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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 640	<sup>13</sup> Joint or Infill N	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.

	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b> 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 unleased 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.</p> <p><i>John C. Thompson</i> 5/7/18 Signature Date</p> <p>John C. Thompson Printed Name</p> <p>john@walsheng.net E-mail Address</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b> 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.</p> <p>Original Survey 11/5/1969 – by EV Echohawk Date of Survey Signature and Seal of Professional Surveyor: E. V. Echohawk - 3602 Certificate Number</p>

NEW MEXICO OIL AND GAS COMMISSION  
WELL LOCATION AND RELEASE DECISION PLAN

Form OGC-1  
Rev. 10-1-66  
Effective 1-1-68

APPLICANT'S NAME (Print name of the owner)

Company: PAN AMER. OIL & GAS CORPORATION  
 Name: Navajo Tribal "A"  
 County: San Juan

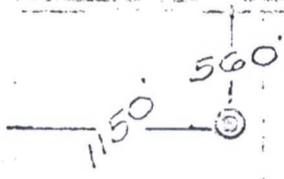
Section: D  
 Township: 17 North  
 Range: 26 North  
 Meridian: 18 West  
 Section: 11  
 Easting: 560 North  
 Northing: 1150 West

Report Later: Pennsylvanian "D" Tocito Dome Penn. "D"  
 Section: 160 NW/4

1. Outline the acreage dedicated to the subject well by colored pencil or markers on the plot below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership interest (both as to well log location 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-party, etc?  
 Yes  No If answer is "yes" type of communitization

NOV 10 1969

If answer is "no," list the owners and their descriptions which have normally been consolidated. (Use reverse side of this form if necessary.)  
 If interests will be unitized to the well, each an interest have been consolidated by communitization, unitization, three-party, or otherwise, or with a non-standard unit, establishing such interests, has been approved by the Commission.



**RECEIVED**  
 NOV 12 1969  
 OIL CON. COM.  
 DIST. 3

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

Seal of the Oil and Gas Commission, State of New Mexico. The seal contains the text: 'STATE OF NEW MEXICO', 'OIL AND GAS COMMISSION', and 'I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief.'

Date: November 5, 1969

E. J. Eawbank  
 District No. 3602

Sec. 17

