

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: 4-2-18

Well information:

frmWellFilterSub													
API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-05809-00-00	NAVAJO TRIBAL N	001	Tacitus, LLC	O	A	San Juan	N	M	17	26	N	18	W

Application Type:

- ☐ P&A    ☐ Drilling/Casing Change    ☐ Location Change
- o ☒ **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

RECEIVED

APR 03 2018

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  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator **Tacitus, LLC**

3a. Address  
**2100 Cortland Drive, Farmington, NM 87401**

3b. Phone No. (include area code)  
**403-400-0459**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**790' FSL & 790' FWL, Sec 17, T26N, R18W**

5. Lease Serial No.  
**14-20-603-5035**

6. If Indian, Allottee or Tribe Name  
**Navajo**

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**Navajo Tribal "N" 1**

9. API Well No.  
**30-045-05809**

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**

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

- ☐ Acidize  
☐ Alter Casing  
☐ Casing Repair  
☐ Change Plans  
☐ Convert to Injection

- ☐ Deepen  
☐ Fracture Treat  
☐ New Construction  
☐ Plug and Abandon  
☐ Plug Back

- ☐ Production (Start/Resume)  
☐ Reclamation  
☒ Recomplete  
☐ Temporarily Abandon  
☐ Water Disposal

- ☐ Water Shut-Off  
☐ Well Integrity  
☐ Other

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 recompleation 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 perforate and test the Mississippian for Helium potential. Contingent upon results, Tacitus will whipstock out of casing and drill a horizontal completion of the Mississippian using a 4-3/4" bit and 4" mud motor and complete with a 3" liner tied back into original 5-1/2" casing. Proposed BHL: 36.494444 N, 108.783611 (NE/NW of Section 17, T26N, R18W).

NMOC

APR 05 2018

DISTRICT III

**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

**04/02/2018**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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

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)

NMOC



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 30-045-05809	<sup>2</sup> Pool Code 86120	<sup>3</sup> Pool Name North Tocio Dome Mississippian
<sup>4</sup> Property Code	<sup>5</sup> Property Name Navajo Tribal "N"	<sup>6</sup> Well Number #1
<sup>7</sup> OGRID No. 372957	<sup>8</sup> Operator Name Tacitus, LLC	<sup>9</sup> Elevation 5848'

<sup>10</sup> Surface Location

UL or lot no. M	Section 17	Township 26N	Range 18W	Lot Idn	Feet from the 790'	North/South line South	Feet from the 790'	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. D	Section 17	Township 26N	Range 18W	Lot Idn	Feet from the 327'	North/South line North	Feet from the 2231'	East/West line West	County San Juan
<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></p> <p>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>Signature: <i>John C. Thompson</i> Date: <i>5/7/18</i></p> <p>John C. Thompson Printed Name</p> <p>john@walsheng.net E-mail Address</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>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 12/21/1962 – by EV Echohawk</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>E.V. Echohawk - 3602</p> <p>Certificate Number</p>

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

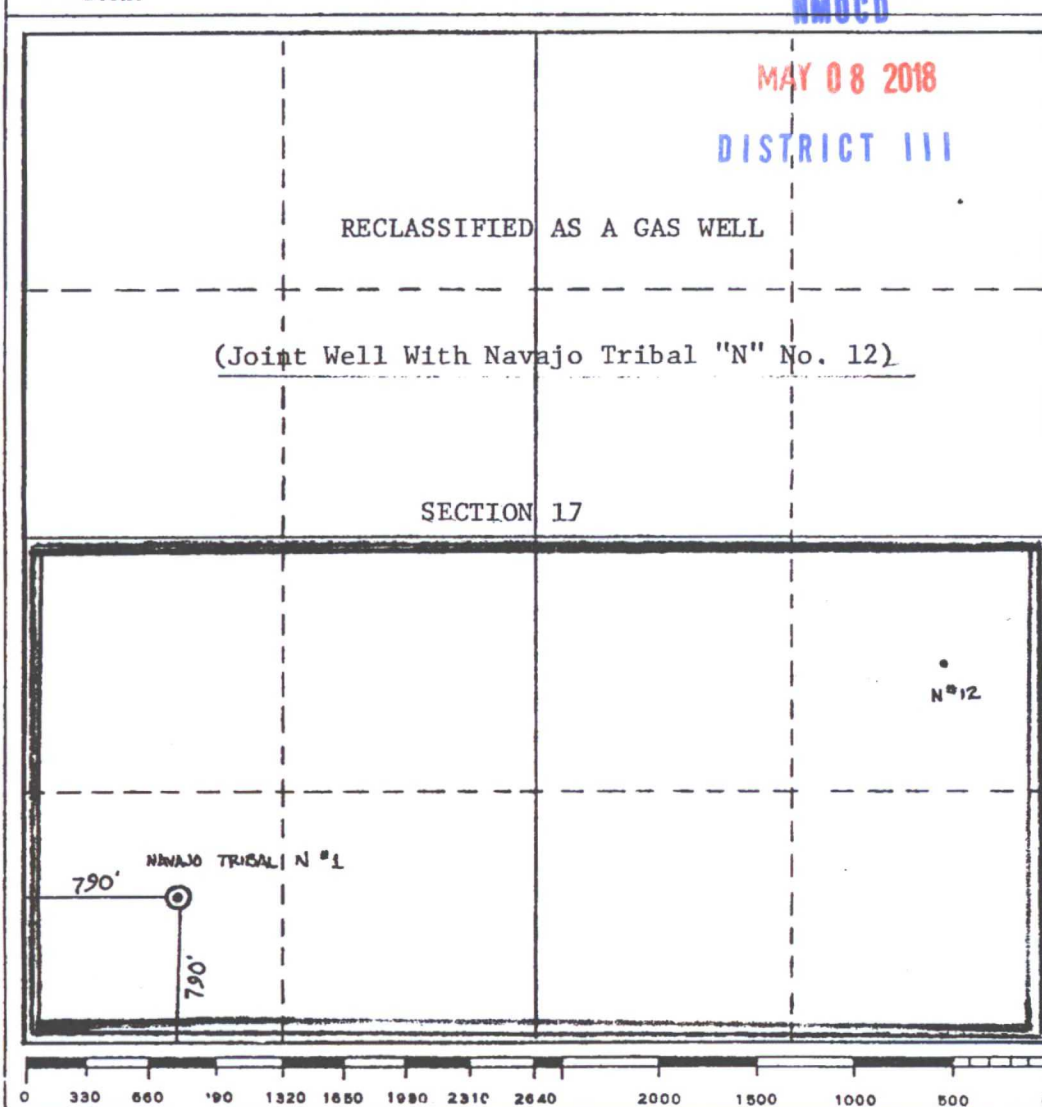
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>Navajo Tribal "N"</b>		Well No. <b>1</b>
Unit Letter <b>M</b>	Section <b>17</b>	Township <b>26-N</b>	Range <b>18-W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>790</b> feet from the <b>South</b> line and <b>790</b> feet from the <b>West</b> line <i>Drinx</i>					
Ground Level Elev. <b>5839'</b>	Producing Formation <b>Pennsylvanian "D"</b>	Pool <b>Tocito Dome</b>		Dedicated Acreage: <b>320</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest 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, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

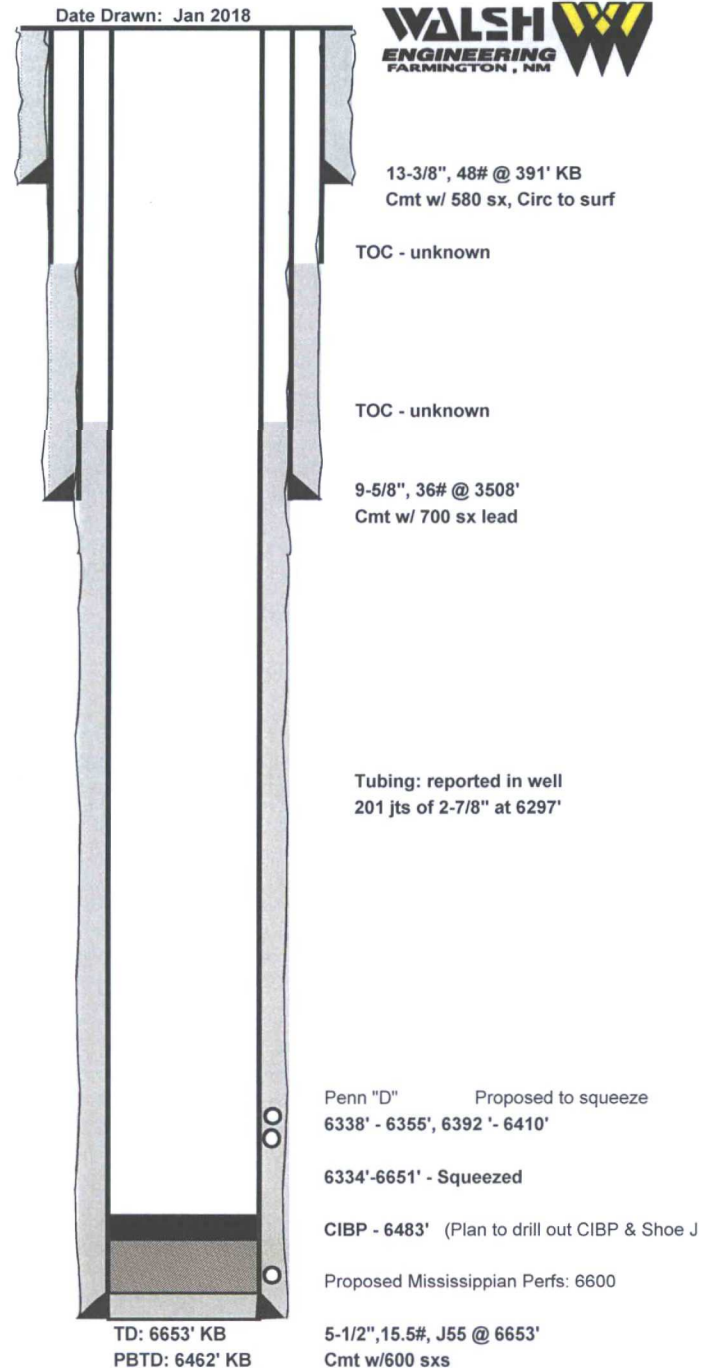
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



<b>CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>B. E. Fackrell</i>	
Name	<b>B. E. Fackrell</b>
Position	<b>District Engineer</b>
Company	<b>AMOCO PRODUCTION COMPANY</b>
Date	<b>July 11, 1979</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 knowledge and belief.	
Date Surveyed	<b>December 21, 1962</b>
Registered Professional Engineer and/or Land Surveyor	
<b>E. V. Echohawk</b>	
Certificate No.	<b>3602</b>

[illegible]

Geologic Markers	
MD	Formation
Surface	
859'	Dakota
993'	Morrison
1945'	Bluff
2115'	Todilto
2136'	Entrada
2890'	Chinle
3800'	DeChelly
4400'	Cutler
4994'	Penn
5700'	Ismay
6156'	BarkerCreek
6318'	Lower Hermosa
6521'	Molas
6546'	Mississippian



**NMOC D**

MAY 08 2018

DISTRICT III