

Well Name: NATANI	Well Location: T21N / R6W / SEC 3 / NENW / 36.08421 / -107.459988	County or Parish/State: SANDOVAL / NM
Well Number: 17	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N00C14205757	Unit or CA Name:	Unit or CA Number:
US Well Number: 300432061000S1	Operator: M & M PRODUCTION & OPERATION	

Notice of Intent

Sundry ID: 2811357

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 09/11/2024	Time Sundry Submitted: 08:58
Date proposed operation will begin:	

Procedure Description: The Bureau of Land Management Farmington Field Office (BLM FFO) and Federal Indian Minerals Office (FIMO) requested the New Mexico Oil Conservation Division (NM OCD) to plug the well as part of their program. See attached email conversation. Aztec Well Servicing will be the contractor, the procedure is attached. The general plugging requirements for the BLM FFO were provided. The BLM FFO requested to be contacted at least 24 hours before the plugging operations commence so that the work can be witnessed. Phone number 505 564-7750.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Oral Submission

Oral Notification Date:	Sep 11, 2024	Oral Notification Time:	12:00 AM
Contacted By:	Kenneth Rennick	Contact's Email:	krennick@blm.gov

NOI Attachments

Procedure Description

- Request_to_Plug_M_M_Production_Operation_Allottee_Wells_NMOCD_05232024_20240911085750.pdf
- Natani_17_Geo_AK_20240911085750.pdf
- Natani_17_P_A_Proposal_20240911085750.pdf

Well Name: NATANI	Well Location: T21N / R6W / SEC 3 / NENW / 36.08421 / -107.459988	County or Parish/State: SANDOVAL / NM
Well Number: 17	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N00C14205757	Unit or CA Name:	Unit or CA Number:
US Well Number: 300432061000S1	Operator: M & M PRODUCTION & OPERATION	

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Approved	Disposition Date: 09/11/2024
Signature: Kenneth Rennick	

Current WBD
Natani #17
API: 30-043-20610
03-21N-06W
GL 6928'

SURF CSG:

Hole size: 12-1/4"
Csg size: 8-5/8"
Wt: 24#
Grade
ID: 8.097
Depth: 95'
Cap cf/ft: 0.3576
TOC: surface

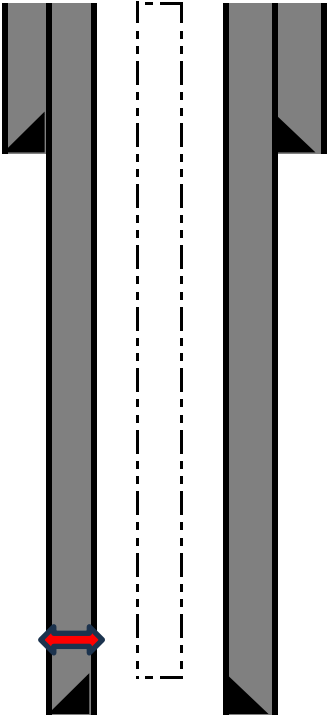
FORM TOPS:

Nacimiento Top: surface
Ojo Alamo Top: 698'
Kirtland Top: 783'
Fruitland Top: 918'
Picture Cliffs Top: 1190'
Chacra Top: 1630'
Mesa Verde Top:
Mancos Top:
Gallup Top:
Dakota Top:

PROD CSG:

Hole size: 7-7/8"
Csg size: 4-1/2"
Wt: 10.5#
Grade
ID: 4.052
Depth: 1886'
Cap cf/ft: 0.0896
Csg/OH Ann:
Csg/OH Ann, cf/ft: 0.2278
TOC: surface

PERFS: 1600' - 1707
PBDT: 1,860'
TD: 1,900'



2-3/8" production tubing set @ 1636'

Plugging Information

Class G cmt used mixed @ 15.8 ppg, yield 1.15 cuft/sx
Regulatory representative:
Marker GPS Coordinates:



NMOCD
Plug & Abandon Procedure
 August 1, 2024

Well:	Natani #17	API:	30-043-20610
Location:	850' FNL & 1850' FWL	Field:	
Sec,T, R:	Sec 03 21N-06W	Elevation:	GL: 6928'
Cnty/State:	Sandoval, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.0842133, -107.460022		

Objective:

Permanently plug & abandon the well from 1860' containing 3 cement plugs.

Note:

All cement volumes use 100% excess outside casing and 50' excess inside pipe. Stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class G neat 15.8ppg, 1.15ft³/ft yield, 5.0gal/sk or equivalent. If casing pressure tests tagging plugs will not be required.

Prior to Rig:

1. Notify NMOCD and BLM
2. Note: verify all cement volumes based on actual slurry to be pumped.
3. See attached COA's from NMOCD and BLM.

Procedure:

1. MIRU well servicing rig and cement equipment.
2. Check casing, tubing, and BH pressures.
3. Removed existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP. RU floor and 2-3/8" handling tools.
5. LD production all tubing (1636').
6. PU and tally work string and RIH with casing scraper to 1570'.
7. TOOH and LD casing scraper.
8. TIH with 4-1/2" CICR and set @ 1550'.
9. Roll the hole with fresh water and pressure test casing to 500 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. WOC to be determined upon pressure test.
10. TOOH.
11. Rig up WL and run CBL from CICR' to surface. RD WL.
12. TIH open ended to CICR.
13. **Plug #1, 1707' - 1450' (Perforations: 1600' – 1707' Chacra Top: 1630')** Mix & pump 37 sx of class G cement and pump 25 sx below CICR and spot 12 sx above CICR to cover the perforations and Chacra top. Pull up and reverse circulate tubing clean.
14. WOC then tag plug to confirm TOC.



NMOCD
Plug & Abandon Procedure
 August 1, 2024

Well:	Natani #17	API:	30-043-20610
Location:	850' FNL & 1850' FWL	Field:	
Sec,T, R:	Sec 03 21N-06W	Elevation:	GL: 6928'
Cnty/State:	Sandoval, New Mexico	By:	Aztec Well Servicing
Lat/Long:	36.0842133, -107.460022		

15. LD tubing to 1255'.
16. **Plug #2, 1240' - 648' (Picture Cliffs Top: 1190' Fruitland Top: 918' Kirtland Top: 918' Ojo Alamo Top: 698')** Mix & pump 51 sx of class G cement and spot a balanced plug to cover the PC, Fruit, Kirt, and Ojo tops. Pull up and reverse circulate tubing clean.
17. LD tubing to 150'.
18. **Plug 3, 150' - surface (Surface Shoe: 95')** Mix and pump 16 sx class G cement and pump down tubing and up the 4-1/2" casing until good cement returns to surface.
19. LD remaining tubing.
20. NP BOP, cut off wellhead below surface casing flange per regulation. Top off w/cement if needed. Install P&A marker with cement to comply with regulations. RD and MOL. Restore location per BLM stipulations.

GL 6928'

Plug 1: 1707' - 1450'
37 sx Class G (25 below 12 above)
Set CICR @ 1550'
Chacra

BLM Farmington NM – Request to Plug M & M Production & Operation Allottee Wells

Rennick, Kenneth G <krennick@blm.gov>

Thu 5/23/2024 11:15 AM

To: Griswold, Jim, EMNRD <Jim.Griswold@emnrd.nm.gov>; Powell, Brandon, EMNRD <Brandon.Powell@emnrd.nm.gov>
Cc: Kade, Matthew H <mkade@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Haque, Mustafa H <mhaque@blm.gov>; Wenman, Christopher P <cwenman@blm.gov>; Quintana, Hubert H <hquintana@blm.gov>; Runnels, Micah C <Micah.Runnels@bia.gov>; Jaquez, Laverna A <laverna.jaquez@bia.gov>; Klein, Ross H <rklein@blm.gov>; Combs, Nathan D <ncombs@blm.gov>; Halliburton, Darin L <dhallibu@blm.gov>; Gibson, Michael J <mjgibson@blm.gov>; Bryson, Tye A <TBryson@blm.gov>; Joe, Maureen A <mjoe@blm.gov>; Mankiewicz, David J <dmankiew@blm.gov>; Decker, Mark A <mdecker@blm.gov>; Rios, Jose E <jrios@blm.gov>

The BLM Farmington Field Office and the Federal Indian Mineral Office (FIMO) request NM OCD to plug the M & M Production & Operation wells that are associated to allottee leases. See below for list.

We also request associated equipment be removed and reclamation be completed. Note there may be central gas meter equipment associated to the wells located at a different location. Contact the Inspection Department for the BLM Farmington Field Office on specific details on the associated equipment.

When applicable please provide a confirmation when plugging work may be completed. Approximate dates will be appropriate.

A bond is associated to these wells. Remaining funds will be provided for plugging work when available. These funds will not cover the complete cost of plugging work.

The salvage value of the equipment associated to the wells should not compensate for the removal. If there is a significant salvage value, BLM and FIMO will not object NM OCD keeping the remaining money to apply for the plugging and reclamation cost of the wells.

Feel free to let us know if there is need for additional clarifications.

Kenneth Rennick

List of Wells:

Well Name	Well Number	US Well Number
NATANI	14	3004320609
NATANI	17	3004320610
NATANI	18	3004320795
NATANI	32	3004320794
NATANI	33	3004320793
NATANI	34	3004320798

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov

Mobile & Text: 505.497.0019

United States Department of the Interior
Bureau of Land Management
Farmington District Office

Refer To: 3160-3

To: AFM, Minerals, FFO

From: Geologist, FFO

Subject: Geologic Review of Plugging & Abandonment Procedures

County: San Juan

State: NM

Lease No.: N/A

Date Received: 06/04/2024

1. Surface Elevation: 3790' GR Surface Geology: Nacimiento Fm.

2. Geologic Marker Tops (from reports on surrounding wells):

Well:	Natani #17
	API: 3004320610
Geologic Marker	Depth
Nacimiento	
Ojo Alamo	698
Kirtland	783
Fruitland	918
Picture Cliffs	1190
Chacra	1630
Mesa Verde Group	NA
Mancos	NA
Gallup	NA

Other Mineral Deposits: Coal

No known active mining claims are located in this vicinity.

Geologist : Alek Knapowski

Date: 5 June, 2024

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 383068

CONDITIONS

Operator: AZTEC WELL SERVICING CO 300 Legion Road Aztec, NM 87410	OGRID: 191362
	Action Number: 383068
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify NMOCD 24 hours prior to beginning P&A operations.	9/12/2024
loren.diede	Submit P&A marker photo and GPS coordinates with subsequent P&A submission.	9/12/2024