

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

AFMSS 2 Sundry ID 2735069

Attachment to Notice of Intention to Plug and Abandon

Well: Viles 1 (API#30-045-07816)

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. The following modification to your plugging program is made:
 - a. Adjust Plug #2 (Fruitland), bring top of plug up to 975' to cover BLM formation top pick. Estimated minimum 20 sacks of Type III Cement.
 - b. Adjust Plug #3 (Surface) to cover the interval from 390' – Surface to cover BLM Kirtland pick, the entire Ojo Alamo formation, and surface casing. Estimated minimum 45 sacks of Type III Cement.
 - c. A reclamation onsite with the BLM Surface staff needs to be conducted so reclamation can begin within 6 months of plugging the well.
3. **Notification:** Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.
4. **Deadline of Plugging Operations:** Plugging of this well must be completed no later than December 31, 2023. If unable to meet the deadline, notify the Bureau of Land Management's Farmington Field Office prior to the deadline via Sundry Notice (Form 3160-5) Notice of Intent detailing the reason for the delay and the date the well is to be plugged.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

M. Kade 6/12/2023



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

06/12/2023

Well Name: VILES	Well Location: T29N / R11W / SEC 30 / NESE / 36.693939 / -108.026703	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM020982	Unit or CA Name:	Unit or CA Number: NMNM73320
US Well Number: 3004507816	Well Status: Gas Well Shut In	Operator: CHENAULT ROBERT D

Notice of Intent

Sundry ID: 2735069

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 06/08/2023

Time Sundry Submitted: 01:24

Date proposed operation will begin: 08/01/2023

Procedure Description: Robert D. Chenault plans to plug this well in accordance with the attached procedure and any agreed modifications thereto. *Robert D. Chenault submitted copies of the procedure and wellbore diagrams through email on 6/8/2023*

Surface Disturbance

Is any additional surface disturbance proposed?: No

Oral Submission

Oral Notification Date: Jun 8, 2023

Oral Notification Time: 12:00 AM

Contacted By: Robert Chenault

Contact's Email: bob@ccinm.com

NOI Attachments

Procedure Description

Procedure_submission_email_Chenaault_Roberts_Plug_or_Produce_Viles_1_MHK_20230608131845.pdf

Viles__001_Proposed_Wellbore_Diagram_20230608131118.pdf

Viles__001_Existing_Wellbore_Diagram_20230608131118.pdf

Vlies__001_P_A_Procedure_20230608131118.pdf

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US Well Number: 3004507816	Well Status: Gas Well Shut In	Operator: CHENAULT ROBERT D

Conditions of Approval

Additional

- 2735069_NOI_PnA_Viles_1_3004507816_MHK_06122023_20230612114650.pdf
- General_Requirement_PxA_20230612103309.pdf
- PxA_29N11W30IKpc_Viles_001_20230609141014.pdf

BLM Point of Contact

BLM POC Name: MATTHEW H KADE **BLM POC Title:** Petroleum Engineer
BLM POC Phone: 5055647736 **BLM POC Email Address:** MKADE@BLM.GOV
Disposition: Approved **Disposition Date:** 06/12/2023
Signature: Matthew Kade



BLM FFO Fluid Minerals P&A Geologic Report

AFMSS ID: 2735069

Date Completed: 6/9/2023

Well No.	Viles #001	SHL	1650	FSL	990	FEL
API No.	3004507816		NESE	Sec. 30	T29N	R11W
Lease No.	NMNM020982	BHL	Same			
Operator	Robert D. Chenault					
Elev.(KB)	5387	County	San Juan		State	NM
Total Depth	1506	PBTD	1500		Formation	Pictured Cliffs

Formation	Top (TVD)	Remarks
San Jose Fm.		
Nacimiento Fm./Alluvium	Surface	Surface/fresh water sands
Ojo Alamo Ss	228	Aquifer
Kirtland Fm.	340	Probable gas/water
Fruitland Fm.	1075	Coal/gas/possible water
Pictured Cliffs Ss	1453	Gas
Lewis Shale		
Chacra		
Cliff House Ss		
Menefee Fm.		
Point Lookout Fm.		
Mancos Shale		
Gallup		
Greenhorn Ls		
Graneros Shale		
Dakota Ss		
Morrison Fm.		

Remarks:

Reference Well:

<ul style="list-style-type: none"> - BLM picks for the Fruitland, Kirtland, and Ojo Alamo formations vary from Operator. <li style="background-color: yellow;">- Bring the top of Plug #2 (Fruitland) up to 975' to cover BLM formation top pick. <li style="background-color: yellow;">- Adjust Plug #3 to cover the interval from 390' - Surface to cover BLM Kirtland pick, the entire Ojo Alamo formation, and surface casing. <li style="background-color: yellow;">- A reclamation onsite with BLM Surface staff needs to be conducted so that reclamation can begin within 6 months of plugging the well. - Pictured Cliffs perforations 1456' - 1506'. 	<p>1) Formation Tops Same</p>
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Prepared by: Chris Wenman



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

06/12/2023

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BLM Point of Contact

BLM POC Name: MATTHEW H KADE
BLM POC Phone: 5055647736
Disposition: Approved
Signature: Matthew Kade

BLM POC Title: Petroleum Engineer
BLM POC Email Address: MKADE@BLM.GOV
Disposition Date: 06/12/2023

ROBERT D CHENAULT

Plug And Abandonment Procedure

Vlies #001

1650' FSL & 990' FEL, Section 30, 29N, 11W

San Juan County, NM / API 30-045-07816

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and Bradenhead pressures.
3. Remove 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.
5. P/U 5-1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 1,456'.
6. P/U 5-1/2" CR, TIH and set CR at +/- 1,406'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
7. Rig up to pump cement down tubing. Pump water to establish rate down tubing.
8. Circulate wellbore with 9.5 ppg salt gel.

NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing

9. Plug 1 (Pictured Cliffs Perforations and Formation Top 1,406'-1,306', 9 Sacks Type III Cement)

Mix 9 sx Type III cement and spot a balanced plug inside casing to cover the Pictured Cliffs perforations and formation top.

10. Plug 2 (Fruitland Coal Formation Top 1,150'⁹⁷⁵-~~1,000'~~²⁰, 13 Sacks Type III Cement)

Mix 13 sx Type III cement and spot a balanced plug inside casing to cover the Fruitland Coal formation top.

11. Plug 7 (Surface Casing Shoe and Kirtland formation top ~~180'~~³⁹⁰-Surface, ~~31~~⁴⁵ Sacks Type III Cement)

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 31 sx cement and spot a balanced plug from 180' to surface, circulate good cement out of casing valve. TOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from ~~180'~~³⁷⁰ and the annulus from the squeeze holes to surface. Shut in well and WOC.

12. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.

Existing Wellbore Diagram

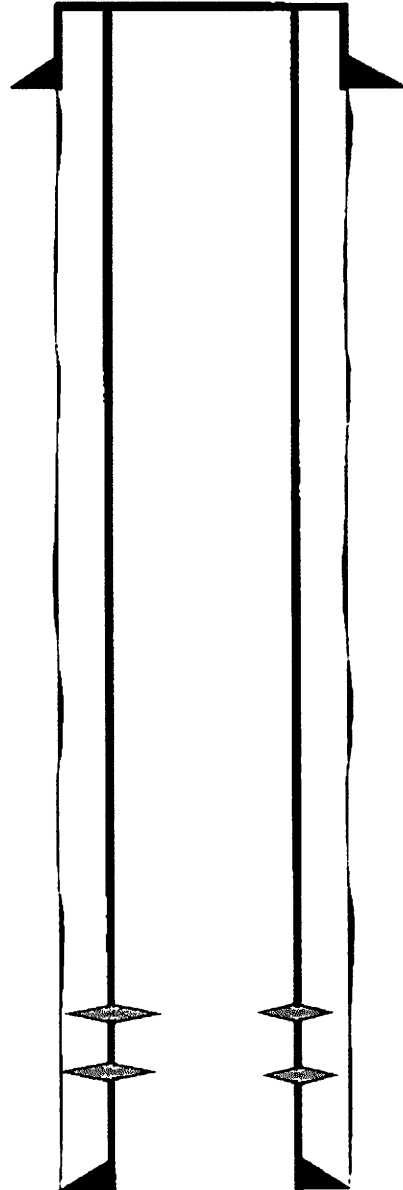
Chenault
Viles #001
API: 30-045-07816
San Juan County, New Mexico

Surface Casing

8.625" @ 86 ft
OH: Unknown

Formation

Pictured Cliffs - 1458'



Perforations

1456 feet - 1506 feet

Production Casing

5.5" @ 1456 feet
OH: 7.875"

Proposed Wellbore Diagram

Chenault
Viles #001
API: 30-045-07816
San Juan County, New Mexico

Plug 5
180 feet - Surface
180 foot plug
31 Sacks of Type III Cement

Plug 1
1150 feet - 1000 feet
150 foot plug
13 sacks of Type III Cement

Plug 1
1406 feet - 1306 feet
100 foot plug
9 sacks of Type III Cement

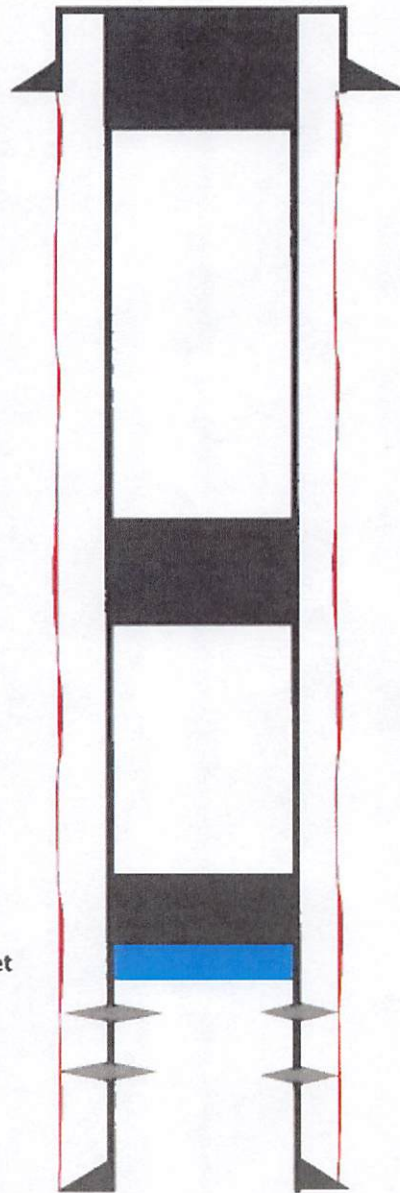
Perforations
1456 feet - 1506 feet

Surface Casing
8.625" @ 86 ft
OH: Unknown

Formation
Kirtland - 130'
Fruitland Coal - 1100'
Pictured Cliffs - 1458'

Production Casing
5.5" @ 1456 feet
OH: 7.875"

CIBP @ 1406 feet



**GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON FIELD OFFICE**

- 1.0 The approved plugging plans may contain variances from the following minimum general requirements.
- 1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.
 - 1.2 Requirements may be added to address specific well conditions.
- 2.0 Materials used must be accurately measured. (densometer/scales)
- 3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.
- 3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.
- 4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.
- 4.1 The cement shall be as specified in the approved plugging plan.
 - 4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
 - 4.3 Surface plugs may be no less than 50' in length.
 - 4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.
 - 4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.
 - 4.6 **A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. *If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.*

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H₂S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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AFMSS 2 Sundry ID 2735069

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M. Kade 6/12/2023

BLM FFO Fluid Minerals P&A Geologic Report

AFMSS ID: 2735069

Date Completed: 6/9/2023

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API No.	3004507816		NESE	Sec. 30	T29N	R11W
Lease No.	NMNM020982	BHL	Same			
Operator	Robert D. Chenault					
Elev.(KB)	5387	County	San Juan		State	NM
Total Depth	1506	PBTD	1500	Formation	Pictured Cliffs	

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Remarks:	Reference Well:
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Prepared by: Chris Wenman

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 228462

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 228462
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD JRH 6/15/2023. BLM approved P&A 6/12/23.	6/15/2023