

Well Name: RUSTY FEDERAL	Well Location: T22N / R7W / SEC 11 / SESE / 36.148637 / -107.538525	County or Parish/State: SANDOVAL / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0554433	Unit or CA Name:	Unit or CA Number:
US Well Number: 300432015000S1	Operator: M & M PRODUCTION & OPERATION	

Subsequent Report

Sundry ID: 2817772

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 10/18/2024	Time Sundry Submitted: 12:20
Date Operation Actually Began: 09/16/2024	

**Actual Procedure:** Enduring Resources as the record title owner plugged and abandoned said well for M&M production base on Notice of Written Order 22KR0106W issued by BLM. See attached work summary, wellbore diagram, CBL, and photos.

SR Attachments

Actual Procedure

SR\_ABD\_1\_3004320150\_20241018121655.pdf

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: Accepted	Disposition Date: 10/18/2024
Signature: Kenneth Rennick	

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED OMB  
No. 1004-0137 Expires  
December 31, 2024**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.**

5. Lease Serial No. NMNM0554433

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No. RUSTY FEDERAL 001

2. Name of Operator

M&amp;M PRODUCTION &amp; OPERATING

9. API Well No. 30-043-20150

3a. Address PO BOX 175  
COUNSELOR, NM 87018

3b. Phone No. (include area code)

10. Field and Pool or Exploratory Area  
RUSTY CHACRA4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
800 FSL & 800 FEL SEC 11-22N-07W 36.148632 -107.538513211. Country or Parish, State  
SANDOVAL COUNTY, NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

## TYPE OF SUBMISSION

## TYPE OF ACTION

☐ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Alter Casing☐ Hydraulic Fracturing☐ Reclamation☐ Well Integrity☒ Subsequent Report☐ Casing Repair☐ New Construction☐ Recomplete☐ Other☐ Final Abandonment Notice☐ Change Plans☒ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ 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 recompleat 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Enduring Resources as the record title owner plugged and abandoned said well for M&M production base on Notice of Written Order 22KR0106W issued by BLM. See attached work summary, wellbore diagram, CBL, and photos.

**Received****OCT 18 2024****Farmington Field Office  
Bureau of Land Management**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Heather Huntington

Title Permitting Technician

Signature

*Heather Huntington*

Date

10/18/2024

**THE 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)

## Rusty Federal 001 API 30-043-20150 P&amp;A Work Summary

9/16/24-PJSM. Service 7 start equipment. Load rig equipment. Move AWS WOR 812 to Rusty fed 1. Got halfway to location started to rain making roads getting to the Rusty Fed 1 impassable w/ rig & rig equipment. Found a close location to park rig on. Chained up rig. Chained up rig up truck and moved rig equipment to a secure location that we could get to. wait to see if the weather was going to brake. SD due to bad weather & roads.

9/17/24-PJSM. Service & start equipment. Move AWS WOR 812 & rig equipment to the Rusty Fed #1, Spot base beam. Rig up WOR & cmt equipment. SITP 260 psi. SICP 260 psi. SIBHP 0 psi. blow well down. Pump 5 bbls down tbg. Pump 10 bbls down 2 7/8" csg. Brake loses rusted up wellhead cap. Pulled rusted up slips. Laid down 1 jnt 1 1/2 IJ tbg, 58 jnts 1 1/4" IJ tbg & 1 jnt of 1" IJ tbg w/ mule shoe cut on the end. Bottom jnt had heavy scale on it. Tall & pick up 58 jnts 1 1/4" IJ work string to 1889'. SWI & secured well, Equipment & location for thru Night

9/18/24-PJSM. Service & start equipment. SITP- 0 psi. SICP- 0 psi. SIBHP- 0 psi. RIH w 1 1/4 IJ work string tag Chacra plug @ 1761' (138 ' above Chacra formation top @ 1899') LD 1 1/4 IJ tag to 1631'. Pressure test 2 7/8" cog to 540 psi. Pressure dropped to 485 psi in 5 min 65 psi loss. Tested multiple times, test failed. LD 1 1/4" IJ tag to 1305'. POOH w/ 20 stands of 1 1/4" IJ tbg. RU wireline truck. Ran CBL from 1732" to surface. RD wireline truck. RIH w/ 1 1/4" IJ tbg to 1598'. Wait on approval from NMOCD. Pump PC, Fruitland plug #2. inside balance plug 1598'-1135'. 463' plug. Mix & pump 11 sxs Type III 14.6 ppg cmt down 1 1/4" tbg displace w/ 1 1/2 bbls. LD 1 1/4 IJ tbg to 1111'. Rev cln. POOH standing back 17 stands 1 1/4 IJ tbg. SI & secured well, equipment & location for the night

9/19/24-PJSM. Service & start equipment. SITP- 0 psi. SICP- 0 psi. SIBHP- 0 psi. RIH w 1 1/4 IJ work string tag Chacra plug @ 1761' (138 ' above Chacra formation top @ 1899') LD 1 1/4 IJ tag to 1631'. Pressure test 2 7/8" cog to 540 psi. Pressure dropped to 485 psi in 5 min 65 psi loss. tested multiple times test failed. LD 1 1/4" IJ tag to 1305'. POOH w/ 20 stands of 1 1/4" IJ tbg. RU wireline truck. Ran CBL from 1732" to surface. RD wireline truck. RIH w/ 1 1/4" IJ tbg to 1598'. Wait on approval from NMOCD. Pump PC, Fruitland plug #2. inside balance plug 1598'-1135'. 463' plug. Mix & pump 11 sxs Type III 14.6 ppg cmt down 1 1/4" tbg displace w/ 1 1/2 bbls. LD 1 1/4 IJ tbg to 1111'. Rev cln. POOH standing back 17 stands 1 1/4 IJ tbg. SI & secured well, equipment & location for the night

9/20/24-Crew travel to location PJSM, SICP 0 psi. SIBHP 0 psi. Service & start equipment. Open well up RIH w/ 1 1/4" IJ tbg tag Fruitland Plug #2 @ 1235' 10' above Fruitland top @ 1245'. Pressure test 2 7/8 csg to 560 psi good test Pump Fruitland top off plug #3. inside balance plug 1235' to 1078'. Mix & pump 10 sxs down 1 1/4" IJ tbg disp w/ 1 bbl. LD 1 1/4" IJ tbg to 1078'. Rev cln w/ 8 bbls freshwater LD 1 1/4" IJ tbg to surface Rig up wireline truck. RIH w/ 1 11/16" 4 SPF perf gun. Shot 2 7/8" csg @ 1040'. RD wireline truck Hook up pump truck. Started pumping down 2 7/8" csg up 8 58" SC @ 1.2 BPM @ 1000 psi. Pumped 40 bbls w/ no sign of well is trying to circ. Shut down hook up to SC. Started to pump down SC pressured up right away to 700 psi Visit w/ Kenneth Rennick BLM PE, Got approval to pump & fill 2 7/8" with cmt and try to get cement on the outside of csg up to the Ojo Alamo. Called & visit w/ Monica Kuehling w/ NMOCD. Called & visit w/ Loren Diede W/ NMOCD he approved moving forward w/ BLM approval Rig down tbg tongs, slips & work floor. NDBOP. Hook up pump truck. Pump Kirtland, Ojo Alamo & 2 7/8" csg to surface Plug #4. Mix & pump 16.6 bbls 68 sxs 14.6 ppg type III cmt down 2 7/8" csg up 7 7/8 annulus @ 2.2 BPM @ 800 psi. 43 sxs 10.5 bbls on the outside of 2 7/8" csg

EST TOC 839' (151' above Ojo Alamo formation top @ 990'. 25 sxs 6 bbls to surface in 2 7/8" csg. SIW secured well, equipment & location for weekend. Crew travel to AWS yard.

9/23/24- PJSM. Service & start equipment. SICP 0 psi. SIBHP 0 psi. TOC in 2 7/8 csg 1' from surface. Dig out wellhead. Weld on P&A Monument. Topped casings & wellhead cellar w/ 15 sxs 14.6 ppg type III cmt. Rig down AWS WOR 812 & Drake cmt equipment and released equipment

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**From:** [Rennick, Kenneth G](#)  
**To:** [Steven Hatch](#); [Lucero, Virgil S](#); [Kade, Matthew H](#); [Yazzie, Clayton T](#); [Heather Huntington](#); [Clay McDonald](#); [Sean Owens](#); [Jerry Stevens](#); [Cody Thomason](#); [Ethan Wakefield](#); [Stephanie Burns](#); [Kuehling, Monica, EMNRD](#); [Diede, Loren, EMNRD](#)  
**Cc:** [Steven Hatch](#)  
**Subject:** Re: [EXTERNAL] Enduring, Rusty Federal #1, API 30-043-20150  
**Date:** Thursday, September 19, 2024 1:08:36 PM  
**Attachments:** [Outlook-oknne35j](#)  
[RustyFed1.pdf](#)  
[RustyFed1.tif](#)

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After review of the CBL, the BLM finds that inside plugs will be appropriate till the Fruitland formation at 1245. 1145 top of cement minimum for any plug covering the Fruitland.

An updated procedure will be needed for the work above the Fruitland formation due to changes and an attempt to place an inside/ outside plugs for the Kirtland and Ojo Alamo formations will be required.

Kenneth (Kenny) Rennick

Petroleum Engineer

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

Email: [krennick@blm.gov](mailto:krennick@blm.gov)

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**From:** Steven Hatch <shatch@dwsrigs.com>  
**Sent:** Thursday, September 19, 2024 11:58 AM  
**To:** monica.kuehling@state.nm.us <monica.kuehling@state.nm.us>; Lucero, Virgil S <vlucero@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Yazzie, Clayton T <cyazzie@blm.gov>; hhuntington@enduringresources.com <hhuntington@enduringresources.com>; cmcdonald@enduringresources.com <cmcdonald@enduringresources.com>; sowens@enduringresources.com <sowens@enduringresources.com>; jstevens@enduringresources.com <jstevens@enduringresources.com>; Cody Thomason <cthomason@dwsrigs.com>; Ethan Wakefield <e.wakefield@dwsrigs.com>; Stephanie Burns <stephanie@dwsrigs.com>  
**Cc:** Steven Hatch <shjr55@gmail.com>  
**Subject:** [EXTERNAL] Enduring, Rusty Federal #1, API 30-043-20150

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CBL on the Rusty Federal #1, 2 7/8" casing.

**Steven Hatch**

[shatch@dwsrigs.com](mailto:shatch@dwsrigs.com)

**505-793-9670**

**2550 La Plata Hwy**

**Farmington, NM 87401**



**From:** [Kuehling, Monica, EMNRD](#)  
**To:** [Rennick, Kenneth G](#); [Jerry Stevens](#); [Kade, Matthew H](#); [Yazzie, Clayton T](#); [Clay McDonald](#); [Heather Huntington](#); [Sean Owens](#); [Diede, Loren, EMNRD](#)  
**Subject:** RE: [EXTERNAL] Rusty Fed #1  
**Date:** Thursday, September 19, 2024 2:31:16 PM

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NMOCD approves below

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

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**From:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>  
**Sent:** Thursday, September 19, 2024 2:14 PM  
**To:** Jerry Stevens <[jstevens@enduringresources.com](mailto:jstevens@enduringresources.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Yazzie, Clayton T <[cyazzie@blm.gov](mailto:cyazzie@blm.gov)>; Clay McDonald <[cmcdonald@enduringresources.com](mailto:cmcdonald@enduringresources.com)>; Heather Huntington <[hhuntington@enduringresources.com](mailto:hhuntington@enduringresources.com)>; Sean Owens <[SOwens@enduringresources.com](mailto:SOwens@enduringresources.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Diede, Loren, EMNRD <[Loren.Diede@emnrd.nm.gov](mailto:Loren.Diede@emnrd.nm.gov)>  
**Subject:** Re: [EXTERNAL] Rusty Fed #1

The BLM finds the proposed procedure appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

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Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402

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**From:** Jerry Stevens <[jstevens@enduringresources.com](mailto:jstevens@enduringresources.com)>

**Sent:** Thursday, September 19, 2024 2:04 PM

**To:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Yazzie, Clayton T <[cyazzie@blm.gov](mailto:cyazzie@blm.gov)>; Clay McDonald <[cmcdonald@enduringresources.com](mailto:cmcdonald@enduringresources.com)>; Heather Huntington <[HHuntington@enduringresources.com](mailto:HHuntington@enduringresources.com)>; Sean Owens <[SOwens@enduringresources.com](mailto:SOwens@enduringresources.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Diede, Loren, EMNRD <[Loren.Diede@emnrd.nm.gov](mailto:Loren.Diede@emnrd.nm.gov)>

**Subject:** [EXTERNAL] Rusty Fed #1

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All, after running the CBL we would like to make the following changes to the procedure for the following well

Rusty Fed #1

API: 30-043-20150

We would like to pump an inside balance plug 1580' to 1133' to cover the Pictured cliffs formation top @ 1530' & Fruitland formation top @ 1245'

We would like to perf @ 1040' and pump an inside/ outside plug filling the 2 7/8" csg & annulus to cover the Kirtland, Ojo Alamo & Nacimiento formation tops

Give me a call if you have any questions or concerns

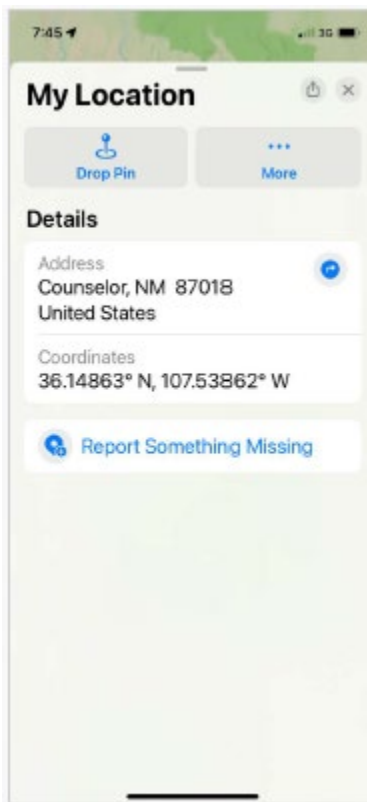
Thank you

Jerry Stevens

970-749-2278









**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 393866

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 393866
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	10/31/2024