

Submit a Copy To Appropriate District  
Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-039-05560
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator M & M PRODUCTION & OPERATION		6. State Oil & Gas Lease No.
3. Address of Operator 5006 Sandalwood Dr Farmington, NM 87402		7. Lease Name or Unit Agreement Name MEXICO FEDERAL
4. Well Location Unit Letter I: 1650 feet from the S line and 990 feet from the E line Section 10 Township 24N Range 06W NMPM Rio Arriba		8. Well Number A #001
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 13673
10. Pool name or Wildcat DEVILS FORK GALLUP (ASSOCIATED) ; [71599] BASIN DAKOTA (PRORATED GAS)		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

NMOCD plans to plug this well in accordance with the attached procedure and any agreed modifications thereto.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Ethan Wakefield

TITLE: Authorized Representative

DATE 9/2/25

Type or print name: Ethan Wakefield

E-mail address: e.wakefield@dwsrigs.com

PHONE: 405-343-7736

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

Well Name: MEXICO FEDERAL A	Well Location: T24N / R6W / SEC 10 / NESE / 36.324356 / -107.44957	County or Parish/State: RIO ARRIBA / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079086	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003905560	Operator: M & M PRODUCTION & OPERATION	

Notice of Intent

Sundry ID: 2871605

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 09/04/2025	Time Sundry Submitted: 09:03
Date proposed operation will begin: 09/04/2025	

Procedure Description: M & M Production & Operation is a defunct operator. Federal enforcement to plug the well has been completed with civil penalties. Well is being plugged by Drake Well Service with available 2025 federal funding. See attached for the procedure with geology report.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Oral Submission

Oral Notification Date:	Sep 4, 2025	Oral Notification Time:	12:00 AM
Contacted By:	Kenneth Rennick	Contact's Email:	krennick@blm.gov
Comments:	BLM generated sundry.		

NOI Attachments

Procedure Description

BLM\_Mexico\_Federal\_A\_1\_ABD\_Procedure\_08212025\_20250904090307.pdf

Well Name: MEXICO FEDERAL A

Well Location: T24N / R6W / SEC 10 / NESE / 36.324356 / -107.44957

County or Parish/State: RIO ARRIBA / NM

Well Number: 1

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF079086

Unit or CA Name:

Unit or CA Number:

US Well Number: 3003905560

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: 09/04/2025

Signature: Kenneth Rennick

*Plug and Abandonment Procedure*

August 21, 2025

**Mexico Federal A 1****API 30-039-05560 1650 FSL 990 FEL NE/SE, Unit I, Sec 10, T24N, R6W****Rio Arriba County, NM Lat/Long 36.3243866, -107.4499969****Devil Fork Gallup/ Basin Dakota Elevation 6462****All cement is to be Class G mixed at 15.8 ppg yield 1.15 cu. ft. /sk.**

1. Hold pre-job meeting, comply with all NMOCD, BLM and environmental regulations.
2. Check and record tubing, casing and bradenhead pressures. Note tubing amount and condition is unknown. Well file has the well as downhole commingled with Dakota and Gallup, flowing through a 2 3/8" tubing set at 6500'. It was previously produced by two tubing stings with packers installed.
3. Remove existing piping from casing valve, RU blow lines from casing valves and blow down casing pressure. Kill well as necessary. Ensure that well is dead or on a vacuum.
4. ND WH, NU BOP, function test BOP.
5. TOOH with tubing.
6. PU workstring, TIH with bit and scraper, attempt to run bit and scraper below setting depth of CR (see step 7). TOOH.
7. **Plug 1 Dakota perforations:** TIH with CR and set near 50' above top of perforations (top perforations @ 6475'; CR @ 6425'). Pressure test tubing to 1000 psi. Attempt to squeeze below CR into perforations. Recommended amount is 30 sx, confirm amount with BLM representative on location. Spot a 100' inside plug (TOC 6375') over the CR. Recommended amount is 20 sx, confirm amount with BLM representative on location. Sting out, and pump water to ensure tubing is clear. TOOH.
8. **Plug 2a Gallup perforations:** TIH with CR and set near 50' above top of perforations (top perforations @ 5388'; CR @ 5338'). String out of CR. Roll hole. Pressure test casing to 600 psi. TOOH
9. MIRU logging truck. Run CBL log from Plug 2a CR to surface. Hold 600 psi on casing if possible. Electronic copy of CBL to be sent to NMOCD and BLM representatives. Modifications may be requested to the subsequent plugs based on the CBL results.

10. **Plug 2b:** TIH, string back into Plug 2a CR and attempt to squeeze below CR into perforations. Recommended amount is 50 sx, confirm amount with BLM representative on location. Spot 100' inside plug (TOC 5288') over the CR. Recommended amount is 20 sx, confirm amount with BLM representative on location. Pump water to ensure tubing is clear. TOOH.
11. **Plug 3 Mancos:** RU ELU, perf circ holes 50' below Mancos (Mancos @ 4523'; perfs @ 4573'). TIH with CR and set at Mancos (CR @ 4523'). Attempt to squeeze cement through CR. Recommended amount is 50 sx, confirm amount with BLM representative on location. Spot cement from top of CR to 100' above (TOC @ 4423'). Recommended amount is 20 sx, confirm amount with BLM representative on location. Pump water to ensure tubing is clear. TOOH.
12. **Plug 4 Cliff House:** RU ELU, perf circ holes 50' below Cliff House (Cliff House @ 3633'; perfs @ 3683'). TIH with CR and set at Cliff House (CR @ 3633'). Attempt to squeeze cement through CR. Recommended amount is 50 sx, confirm amount with BLM representative on location. Spot cement from top of CR to 100' above (TOC @ 3533'). Recommended amount is 20 sx, confirm amount with BLM representative on location. Pump water to ensure tubing is clear. TOOH.
13. **Plug 5 DV Tool, Chacra (Lower) and Chacra (Upper)\*:** Spot balanced plug from 50' below DV Tool to 100' above Upper Chacra (DV Tool @ 3284'; Upper Chacra @ 2938'; BOC 3334'; TOC 2828'). Recommended amount is 100 sx, confirm amount with BLM representative on location. Pump water to ensure tubing is clear. TOOH.
14. **Plug 6 Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo\*:** Spot balanced plug from 50' below Pictured Cliffs to 100' above Ojo Alamo (Pictured Cliffs @ 2168'; Ojo Alamo @ 1513'; BOC 2218'; TOC 1413'). Recommended amount is 160 sx, confirm amount with BLM representative on location. Pump water to ensure tubing is clear. TOOH.  
  
\*Modification or request of an attempt to place cement outside of production casing is likely for this plug.
15. **Plug 7 Nacimiento, surface casing shoe and surface:** RU ELU perf holes 50' below Nacimiento (Nacimiento @ 533; perfs @ 583'). Mix and pump sufficient volume to bring cement to surface inside and outside.
16. RD cementing equipment. Cut off wellhead, fill annuli with cement, as necessary. **Install SURFACE P&A marker.** Record GPS coordinates for P&A marker and the final P&A report. Photograph the P&A marker and attach to the report.
17. RD and MO all rig and cement equipment. Assure that location is free of trash and contamination before moving off.
18. Provide all reports and attachments to BLM and NM OCD.

**Mexico Federal A 1**  
**API 30-039-05560**  
**NE/SE, Unit I, Sec 10, T24N, R6W**  
**Rio Arriba County, NM**  
**GL 6462**  
**Spud Date: May 12, 1964**

SURF CSG

Hole Size: 12.500"  
 Csg Size: 10.750"  
 Wt: 32.75#  
 ID: 10.192"  
 Depth: 302'

PROD CSG

Hole Size: 8.750"  
 Csg Size: 7.000"  
 Wt: 20#\*  
 ID: 6.456"  
 Depth: 6749'

DV 3284'\*\*

## FORMATION TOPS

San Jose	Surface
Nacimiento	533
Ojo Alamo	1513
Kirtland	1718
Fruitland	1935
Pictured Cliffs	2168
Chacra (Upper)	2938
Chacra (Lower)	3043
Cliff House	3633
Mancos	4523
Gallup	5388
Dakota	6475

**Proposed Plug 7 Nacimiento,**  
**surface casing shoe, and surface:**  
**Perfs at 583'. Mix and pump**  
**sufficient cement to bring TOC to**  
**surface inside and outside.**

**Proposed Plug 6 Pictured Cliffs,**  
**Fruitland, Kirtland, and Ojo**  
**Alamo: Spot plug from 50' below**  
**Pictured Cliffs to 100' above Ojo**  
**Alamo.**

**Proposed Plug 5 DV Tool and**  
**Chacra: Spot plug from 50' below**  
**DV Tool to 100' above Upper**  
**Chacra.**

**Proposed Plug 4 Cliff House: Perf**  
**50' below Cliff House. Set CR at**  
**Cliff House. Attempt to squeeze**  
**cement through CR. Spot 100'**  
**inside plug over the CR.**

**Proposed Plug 3 Mancos: Perf 50'**  
**below Mancos. Set CR at Mancos.**  
**Attempt to squeeze cement**  
**through CR. Spot 100' inside plug**  
**over the CR.**

**Proposed Plug 2 Gallup perfs: Set**  
**CR at 5338'. Attempt to squeeze**  
**cement through CR. Spot 100'**  
**(100' above Gallup) inside plug**  
**over the CR.**

**Proposed Plug 1 Dakota perfs: Set**  
**CR at 6425'. Attempt to squeeze**  
**cement through CR. Spot 100'**  
**(100' above Dakota) inside plug**  
**over the CR.**

Gallup Perforations 5388  
 5587

Dakota Perforations 6475  
 6556

PBTD 6572

TD 6750

\*May consist of other weights, e.g. 23#

\*\*Need to Verify with CBL

**BLM - FFO - Geologic Report****Date Completed**

8/21/2025

Well No.	Mexico Federal No 1	Surf. Loc.	1650	FSL	990	FEL
Lease No.	NMSF079086	Sec	10	T24N	R6W	
US Well No.	3003905560					
Operator	M&M Production & Operation	County	Rio Arriba	State	New Mexico	
TVD	6750	PBTD	6572	Formation	Devils Fork Gallup/Basin Dakota	
Elevation	GL		6462	Elevation	KB	6475

<b>Geologic Formations</b>	<b>Est. tops</b>	<b>Subsea Elev.</b>	<b>Remarks</b>
San Jose	Surface		
Surface Casing base	302	6173	
Nacimiento Fm.	533	5942	Surface /fresh water sands
Ojo Alamo	1513	4962	Fresh water aquifer
Kirtland Fm.	1718	4757	
Fruitland Fm.	1935	4540	Coal/gas/possible water
Pictured Cliffs	2168	4307	Possible gas/water
Lewis Shale	2213	4262	Source rock
Huerfanito Bentonite	2472	4003	Reference bed
Chacra (Upper)	2938	3537	Possible gas/water
Chacra (Lower)	3043	3432	Possible gas/water
Lewis Shale Stringer	3153	3322	Source rock
DV Tool	3284	3191	
Cliff House Ss	3633	2842	Possible gas/water
Menefee Fm.	3713	2762	Coal/water/possible gas
Point Lookout Fm.	4328	2147	Possible gas/water
Mancos Shale	4523	1952	Source rock
El Vado Ss	5063	1412	Possible gas/water
Gallup	5388	1087	Oil & gas
Perforations Top	5388	1087	
Perforations Bottom	5587	888	
Juana Lopez	5603	872	
Mancos Stringer	6093	382	
Bridge Crk/Greenhorn	6323	152	
Graneros Shale	6413	62	
Dakota Ss	6475	0	Possible gas/water
Perforations Top	6475	0	
Perforations Bottom	6556	-81	

Remarks:

-Vertical wellbore, all formation depths are TVD from KB at the wellhead.

Prepared by: Walter Gage

Reference Well:

Merrion Oil & Gas  
 Canada Mesa Com 4  
 3003923183  
 790' FNL, 790' FEL, 24N-6W-10A  
 GL= 6409', KB= 6422'

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 506615

DEFINITIONS

Operator: J.A. Drake Well Service Inc. (OPG Vendor) 607 W. Pinon St Farmington, NM 87401	OGRID: 333581
	Action Number: 506615
	Action Type: [UF-OMA] NOI Plug & Abandon Well (UF-OMA-C-103F)

DEFINITIONS

The OCD Mitigation Activity (OMA) forms are a subset of the OCD's forms exclusively designed for activities related to State of New Mexico's contracted evaluation, plugging, decommissioning, remediation, salvage and reclamation activities. Specifically, these forms are typically used where the OCD has acquired a hearing order allowing the OCD to perform mitigation activities on wells and associated facilities that no longer have an authorized or viable operator to perform the necessary work. These forms are not to be utilized for any other purpose.



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1220 S. St Francis Dr.  
Santa Fe, NM 87505

QUESTIONS

Action 506615

QUESTIONS

Operator: J.A. Drake Well Service Inc. (OPG Vendor) 607 W. Pinon St Farmington, NM 87401	OGRID: 333581
	Action Number: 506615
	Action Type: [UF-OMA] NOI Plug & Abandon Well (UF-OMA-C-103F)

QUESTIONS

Prerequisites	
[OGRID] Well Operator	[13673] M & M PRODUCTION & OPERATION
[API] Well Name and Number	[30-039-05560] MEXICO FEDERAL A #001
Well Status	Active

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State of New Mexico  
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CONDITIONS

Action 506615

CONDITIONS

Operator: J.A. Drake Well Service Inc. (OPG Vendor) 607 W. Pinon St Farmington, NM 87401	OGRID: 333581
	Action Number: 506615
	Action Type: [UF-OMA] NOI Plug & Abandon Well (UF-OMA-C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify NMOCD 24 hrs prior to start of P&A operations.	9/18/2025
loren.diede	NMOCD picks the Graneros at 6275'. The Dakota / Graneros plug should extend to at least 6175'.	9/18/2025
loren.diede	Submit photo and GPS coordinates of the P&A marker with the final P&A reports. The API# on the marker is to be clearly legible.	9/18/2025