

Well Name: MF	Well Location: T24N / R9W / SEC 18 / LOT 3 / 36.311646 / -107.836288	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM16760	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452463600S2	Operator: DUGAN PRODUCTION CORPORATION	

## Subsequent Report

**Sundry ID:** 2866606

**Type of Submission:** Subsequent Report

**Date Sundry Submitted:** 08/04/2025

**Date Operation Actually Began:** 05/26/2025

**Type of Action:** Plug and Abandonment

**Time Sundry Submitted:** 06:42

**Actual Procedure:** Dugan Production plugged & abandoned the well on 5/26/2025 - 06/06/2025 per the attached procedure.

## SR Attachments

### Actual Procedure

MF\_1\_BLM\_OCD\_apvd\_plug\_changes\_20250804064127.pdf

MF\_1\_SR\_PA\_formation\_tops\_20250804064104.pdf

MF\_1\_SR\_PA\_completed\_wellbore\_schematic\_20250804064055.pdf

MF\_1\_SR\_PA\_work\_completed\_20250804064044.pdf

Well Name: MF

Well Location: T24N / R9W / SEC 18 /  
LOT 3 / 36.311646 / -107.836288County or Parish/State: SAN  
JUAN / NM

Well Number: 1

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMNM16760

Unit or CA Name:

Unit or CA Number:

US Well Number: 300452463600S2

Operator: DUGAN PRODUCTION  
CORPORATION**Operator**

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

**Operator Electronic Signature:** TYRA FEIL**Signed on:** AUG 04, 2025 06:41 AM**Name:** DUGAN PRODUCTION CORPORATION**Title:** Authorized Representative**Street Address:** PO BOX 420**City:** FARMINGTON      **State:** NM**Phone:** (505) 325-1821**Email address:** TYRAFEIL@DUGANPRODUCTION.COM**Field****Representative Name:** Aliph Reena**Street Address:** PO Box 420**City:** Farmington      **State:** NM**Zip:** 87499-0420**Phone:** (505)360-9192**Email address:** Aliph.Reena@duganproduction.com**BLM Point of Contact****BLM POC Name:** MATTHEW H KADE**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 4067917716**BLM POC Email Address:** MKADE@BLM.GOV**Disposition:** Accepted**Disposition Date:** 08/11/2025**Signature:** Matthew Kade

Dugan Production P&A'd the well per the following procedure on 05/26/2025 – 06/06/2025:

- MI&RU Aztec Rig 481 and cement equipment. Spot & RU.
- Check pressures, Tubing 10 psi, Casing 0 psi, BH 0 psi.
- ND WH & NU BOP. LD rods & 2-3/8" rod string and production tubing.
- Check pressures, Tubing 5 psi, Casing 0 psi, BH 0 psi.
- Ran 4½" string mill to 6077'. Hard tag. Attempt to clean fill. Cannot go through fill. Requested permission to start P&A from 6077'. Will attempt to set a 4½" CR at 6077' and attempt to squeeze cement below.
- RIH and set 4½" CICR set @ 6077'. Loaded and circulated hole w/60 bbls water.
- **Plug I, Dakota-Graneros:** Sting in CR at 6077'. Cannot get a rate below the retainer. Sting out. Spot Plug I inside 4½" casing from 6077' above the CICR w/26 sks (29.9 cu ft) Class G cement to cover the Dakota/Graneros top. Displaced w/22.2 bbls water. WOC 4 hrs. Tagged TOC at 5687'. Good tag. **Plug I, Inside 4½" casing, cement retainer at 6077', 26 sks, 29.9 cu ft, Dakota-Graneros, 5687'-6077'.**
- Ran 4½" CIBP and set at 5082'. Load and circulate hole w/ 100 bbls water.
- MIRU WL and performed CBL from 5082' to surface. Sent copy of CBL & revised procedure to BLM & NMOCD. Copy of communications attached.
- **Plug II, Gallup:** Set CIBP @ 5082.' Spot Plug II inside 4½" casing above CIBP at 5082' w/25 sks, 28.8 cu ft Class G cement to cover the Gallup perforations & Gallup top. Displaced w/18.4 bbls water. WOC overnight. Tagged TOC at 4810'. Good tag. **Plug II, Inside 4½" casing, CIBP at 5082', 25 sks, 28.8 cu ft, Gallup top & Gallup Perforations, 4810'-5082'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- **Plug III, Mancos-DV Tool:** Spot Plug III inside 4½" casing from 4537' w/28 sks (32.2 cu ft) Class G cement to cover the Mancos top and DV Tool. Displaced w/16.1 bbls water. WOC 4 hrs. Tagged TOC at 4213'. Good tag. **Plug III, Inside 4½" casing, 28 sks, 32.2 cu ft, Mancos-DV Tool, 4213'-4537'.**
- **Plug IV:** Spot Plug IV inside 4½" casing from 3247' to cover the Cliffhouse tops w/18 sks, 20.7 cu ft Class G neat cement. Displaced w/11.6 bbls water. WOC overnight. Tagged TOC at 3045'. Good tag. **Plug IV, Inside 4½" casing, 18 sks, 20.7 cu ft, Mesaverde, 3045'-3247'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- **Plug V, Lower Chacra- Upper Chacra-Pictured Cliffs:** Spot Plug V inside 4½" casing from 2489' w/76 sks, 87.4 cu ft Class G cement to cover the Lower Chacra- Upper Chacra and Pictured Cliffs tops. Displaced w/5.8 bbls water. WOC 4 hrs. Tagged TOC at 1557'. Good tag. **Plug V, Inside 4½" casing, 76 sks, 87.4 cu ft, Lower Chacra-Upper Chacra-Pictured Cliffs, 1557'-2489'.**
- **Plug VI, Fruitland:** Spot Plug VI inside 4½" casing from 1333' w/18 sks, 20.7 cu ft Class G cement to cover the Fruitland top. Displaced w/4.2 bbls water. WOC overnight. Tagged TOC at 1122'. Good tag **Plug VI, Inside 4½" casing, 18 sks, 20.7 cu ft, Fruitland, 1122'-1333'.**
- Check pressures, Tubing 0 psi, Casing 0 psi, BH 0 psi.
- **Plug VII, Kirtland:** RU WL services. Shoot perforations @ 1058'. RD WL and verified all shots fired. Set CICR at 1003'. Sting in and attempt to get rates through the squeeze holes. Could not establish rates through the squeeze holes, locked up to 1100 psi. Sting out. Permission obtained to do an inside plug. Swap to cement. Spot Plug VII, inside 4½" casing w/18 sks, 20.7 cu ft cement to cover Kirtland top from above CICR at 1003'. Displaced w/4.9 bbl water. WOC overnight. Tag TOC at 853'. Good tag. **Plug VII, Inside 4½" casing, perforations at 1058', cement retainer at 1003', 18 sks, 20.7 cu ft, top, Kirtland, 853'-1003'.**

- **Plug VIII, Ojo Alamo:** RU WL services. Shoot perforations @ 830'. RD WL and verified all shots fired. Set CICR at 792'. Sting in and attempt to get a rate through perforations. Could not establish rates below retainer at 1100 psi. Locked up to 1100 psi. Permission obtained to do an inside plug. Swap to cement. Spot Plug VII, inside 4½" casing w/18 sks, 20.7 cu ft cement to cover Ojo Alamo top from above CICR at 792'. Displaced w/2.1 bbl water. WOC 4 hrs. Tagged TOC at 650'. Good tag. **Plug VIII, Inside 4½" casing, perforations at 830', cement retainer at 792', 18 sks, 20.7 cu ft, Ojo Alamo, 650'-792'.**
- **Plug IX, Surface:** RU WL services. Shoot perforations @ 244'. RD WL and verified all shots fired. TIH open ended to 256'. Break circulation to surface through BH. Swap to cement. Squeeze & spot Plug IX, inside/outside 4½" casing w/115 sks, 132.3 sks cement to cover Surface casing shoe to surface. WOC overnight. MIRU welder cut off WH. Tagged TOC at 49' inside annulus and 74' inside casing. Good tag. **Plug IX, Inside/Outside 4½" casing, perforations at 244', EOT at 256', 115 sks, 132.3 cu ft, Surface top, 0'-256'.**
- Top off, Fill up cellar & install dry hole marker w/42 sks, 48.3 cu ft Class G neat cement.
- Clean location. RD Aztec Well Services Rig 481. PU tools and trash. Empty pits. Move out.
- Witnessed by Gail Clayton w/BLM.
- **Well P&A'd 06/06/2025.**

MF # 001

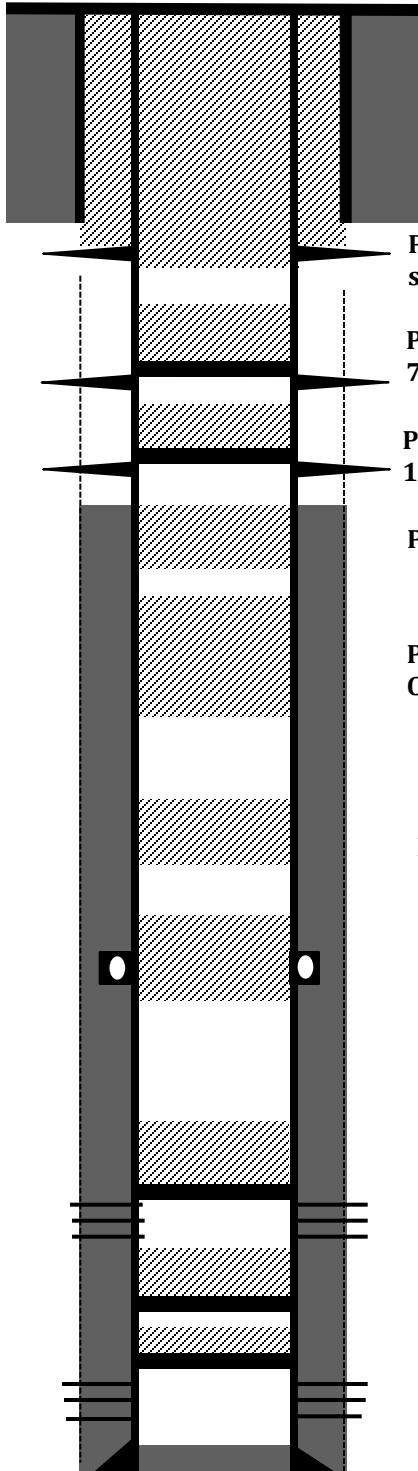
API: 30-045-24636

Sec 18 T24N R09W

1820' FNL &amp; 690' FWL

San Juan County, NM

Lat: 36.311598, Long: -107.837172



8-5/8" J-55 24# casing @ 194'. Cemented with 135 sks Class B Cement.  
Cement circulated to surface

**Plug IX, Inside/Outside 4½" casing, Perforations at 244', EOT at 256', 115 sks, 132.3 cu ft, Surface top, 0'-256'**

**Plug VIII, Inside 4½" casing, Perforations at 830', Cement Retainer at 792', 18 sks, 20.7 Cu.ft, Ojo Alamo, 650'-792'**

**Plug VII, Inside 4½" casing, Perforations at 1058', Cement retainer at 1003', 18 sks, 20.7 cu ft, top, Kirtland, 853'-1003'**

**Plug VI, Inside 4 ½" casing, 18 sks, 20.7 Cu.ft, Fruitland, 1122'-1333'**

**Plug V, Inside 4 ½" casing, 76 sks, 87.4 Cu.ft, Lower Chacra-Upper Chacra-Pictured Cliffs, 1557'-2489'**

**Plug IV, Inside 4 ½" casing, 18 sks, 20.7 Cu.ft, Mesaverde, 3045'-3247'.**

**Plug III, Inside 4 ½" casing, 28 sks, 32.2 Cu.ft, Mancos-DV Tool, 4213'-4537'**

Cemented Stage I w/ 400 sks, Class B, 565 Cu.ft. **DV tool @ 4475'**. Stage II w/ 400 sks 65-35-12 cement followed by 100 sks Class B, 1203 Cu.ft. Cement circulated to surface  
Will run CBL to verify TOC behind casing

**CIBP @ 5082'. Plug II, Inside 4 ½" casing, CIBP at 5082', 25 sks, 28.8 Cu.ft, Gallup top & Gallup Perforations, 4810'-5082'**

Gallup Perforations @ 5132'-5567'

**CR at 6077'. Plug I, Inside 4 ½" casing, Cement Retainer at 6077', 26 sks, 29.9 Cu.ft, Dakota-Graneros, 5687'-6077'**

**Dakota PBT'D ed in 1985.**

**CIBP at 6320'+ 50' Cement on top. PBT'D at 6270'.**

Dakota Perforations @ 6416'-6438'

**4 ½" 10.5 # casing @ 6491', Hole size 7-7/8"**

**MF # 001**

API: 30-045-24636

Sec 18 T24N R09W

1820' FNL & 690' FWL

San Juan County, NM

Lat: 36.311598, Long: -107.837172

**Elevation ASL : 6992' KB**

**Formation Tops (Referenced for P & A)**

- **Surface Casing - 194'**
- **Ojo Alamo - 778'**
- **Kirtland - 1008'**
- **Fruitland - 1283'**
- **Pictured Cliffs - 1770' (NMOCD)/1698' (BLM)**
- **Lewis - 1823'**
- **Chacra Upper- 2108'**
- **Chacra Lower - 2438'**
- **Mesaverde - 3188**
- **Menefee - 3306**
- **Mancos - 4353'**
- **DV tool - 4475'**
- **Gallup - 5063'**
- **Gallup perforations - 5132'-5567'**
- **Graneros - 6231'**

## Tyra Feil

---

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Thursday, May 29, 2025 6:55 AM  
**To:** Rennick, Kenneth G; Aliph Reena; Kade, Matthew H; Lucero, Virgil S; Clayton, Gail  
**Cc:** AWS Units - Alex Robles; Tyra Feil  
**Subject:** RE: [EXTERNAL] Request change in COA for DUgan Production MF # 1

NMOCD approved changes below verbally May 28,2025.

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Cell Phone: 505-320-0243  
Email - monica.kuehling@emnrd.nm.gov

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**From:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Wednesday, May 28, 2025 2:59 PM  
**To:** Aliph Reena <Aliph.Reena@duganproduction.com>; Kade, Matthew H <mkade@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Clayton, Gail <gclayton@blm.gov>  
**Cc:** AWS Units - Alex Robles <arobles@aztecwell.com>; Tyra Feil <Tyra.Feil@duganproduction.com>  
**Subject:** Re: [EXTERNAL] Request change in COA for DUgan Production MF # 1

The BLM finds the proposed procedure appropriate.

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)

Mobile & Text: 505.497.0019

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**From:** Aliph Reena <[Aliph.Reena@duganproduction.com](mailto:Aliph.Reena@duganproduction.com)>  
**Sent:** Wednesday, May 28, 2025 2:22 PM  
**To:** Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Lucero, Virgil S <[vlucero@blm.gov](mailto:vlucero@blm.gov)>; Porch, Dustin T <[dporch@blm.gov](mailto:dporch@blm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Cc:** AWS Units - Alex Robles <[arobles@aztecwell.com](mailto:arobles@aztecwell.com)>; Tyra Feil <[Tyra.Feil@duganproduction.com](mailto:Tyra.Feil@duganproduction.com)>  
**Subject:** [EXTERNAL] Request change in COA for DUGAN Production MF # 1

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**RE: Requesting a change in the NMOCD COA**  
**Dugan Production Corp.**  
**API: 30-045-24636**  
**MF # 1**

We cleaned out to 6077'. We could not clean out further, and there is no circulation to surface due to Gallup perforations (Gallup Perforations are at 5132'-5567'). The well was PBTD'ed by setting a CIBP at 6320' and spotting 50' cement on top of the CIBP in 08/9/1985. Approximate PBTD should be 6270'. We tagged hard at 6077', possibly extra cement that was not reported from the original recompletion, or hard scale and debris in the rat hole as a result of production from Gallup.

NMOCD COA is to tag PBTD and add Graneros plug from 6231' to cover the Graneros top. We request permission to set a cement retainer at 6077' & attempt to get a rate below the CR. If a rate cannot be established below the retainer, we will do an 300' inside plug. Will WOC and tag and verify the top.

If the request is acceptable to BLM & NMOCD, please let us know and we will proceed accordingly.

Regards,  
Aliph Reena  
Dugan Production  
CAUTION: This email originated from outside your organization. Exercise caution.

## Tyra Feil

---

**From:** Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
**Sent:** Monday, June 2, 2025 11:02 AM  
**To:** Kade, Matthew H; Aliph Reena; AWS Units 5054198699; AWS Units - Alex Robles; Lucero, Virgil S; Clayton, Gail; Rennick, Kenneth G; AWS Units - Dean Mestas; Tyra Feil  
**Subject:** RE: [EXTERNAL] RE: MF #1 CBL

NMOCD approves below

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Cell Phone: 505-320-0243  
Email - monica.kuehling@emnrd.nm.gov

---

**From:** Kade, Matthew H <mkade@blm.gov>  
**Sent:** Monday, June 2, 2025 10:44 AM  
**To:** Aliph Reena <Aliph.Reena@duganproduction.com>; AWS Units 5054198699 <5054198699@aztecwell.com>; AWS Units - Alex Robles <arobles@aztecwell.com>; Lucero, Virgil S <vlucero@blm.gov>; Clayton, Gail <gclayton@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; AWS Units - Dean Mestas <dmestas@aztecwell.com>; Tyra Feil <Tyra.Feil@duganproduction.com>  
**Subject:** Re: [EXTERNAL] RE: MF #1 CBL

The BLM approves of the updates to procedure.

Thanks,  
**Matthew Kade**  
Petroleum Engineer | Bureau of Land Management  
Farmington Field Office | 6251 College Blvd., Suite A / Farmington, NM 87402  
Office: 505-564-7736



**From:** Aliph Reena <[Aliph.Reena@duganproduction.com](mailto:Aliph.Reena@duganproduction.com)>

**Sent:** Monday, June 2, 2025 10:33 AM

**To:** AWS Units 5054198699 <[5054198699@aztecwell.com](mailto:5054198699@aztecwell.com)>; AWS Units - Alex Robles <[arobles@aztecwell.com](mailto:arobles@aztecwell.com)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Lucero, Virgil S <[vlucero@blm.gov](mailto:vlucero@blm.gov)>; Clayton, Gail <[gclayton@blm.gov](mailto:gclayton@blm.gov)>; [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov) <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; AWS Units - Dean Mestas <[dmestas@aztecwell.com](mailto:dmestas@aztecwell.com)>; Tyra Feil <[Tyra.Feil@duganproduction.com](mailto:Tyra.Feil@duganproduction.com)>

**Subject:** [EXTERNAL] RE: MF #1 CBL

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**RE: Dugan Production Corp**

**MF # 1**

**API: 30-045-24636**

Please see the attached CBL from Dugan Production's MF # 1. Based on the CBL the TOC appear to be approximately at 1260'. We request the following changes based on the CBL.

- Plug V: Split Plug V to Fruitland, Kirtland, Ojo Alamo**

**Fruitland – Inside Plug:** Will do inside plug for Fruitland from 1333' to 1183' to cover the Fruitland top (1283').

**Kirtland – Inside/Outside Plug:** Perforate at 1058' to do inside/outside plug for Kirtland (Kirtland top - 1008').

**Ojo Alamo:-Inside/Outside Plug:** Perforate at 828' to do inside/outside plug for Ojo Alamo (Ojo Alamo top – 778').

- Plug VI: Surface plug:** Perforate 50' below casing shoe at 244' and circulate cement to surface (Surface Casing shoe at 194').

All other plugs will be inside plugs as approved in the original NOI.

If the requested changes are acceptable to BLM & NMOCD, Please let us know and we will proceed accordingly.

Regards,

Aliph Reena

505-360-9192

**Aliph Reena P.E**

Engineering Supervisor

Dugan Production Corp.

**Cell: 505-360-9192**

---

**From:** AWS Units 5054198699 <[5054198699@aztecwell.com](mailto:5054198699@aztecwell.com)>

**Sent:** Friday, May 30, 2025 11:01 AM

**To:** Aliph Reena <[Aliph.Reena@duganproduction.com](mailto:Aliph.Reena@duganproduction.com)>

**Cc:** AWS Units - Alex Robles <[arobles@aztecwell.com](mailto:arobles@aztecwell.com)>; [mkade@blm.gov](mailto:mkade@blm.gov); [vluccero@blm.gov](mailto:vluccero@blm.gov); [gclayton@blm.gov](mailto:gclayton@blm.gov); [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov); [krennick@blm.gov](mailto:krennick@blm.gov); AWS Units - Dean Mestas <[dmestas@aztecwell.com](mailto:dmestas@aztecwell.com)>; Tyra Feil <[Tyra.Feil@duganproduction.com](mailto:Tyra.Feil@duganproduction.com)>

**Subject:** MF #1 CBL

CBL for Dugan MF #1 attached.

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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**

CONDITIONS

Action 540692

**CONDITIONS**

Operator:  DUGAN PRODUCTION CORP PO Box 420 Farmington, NM 87499	OGRID:  6515
	Action Number:  540692
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
loren.diede	None	1/7/2026