

Well Name: ANDERSON	Well Location: T24N / R8W / SEC 22 / NESW / 36.297302 / -107.670853	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM54366	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452680700S1	Operator: M & M PRODUCTION & OPERATION	

Subsequent Report

Sundry ID: 2834981

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 02/03/2025	Time Sundry Submitted: 02:18
Date Operation Actually Began: 12/30/2024	

**Actual Procedure:** Enduring Resources as the record title owner plugged and abandoned said well for M&M production base on Notice of Written Order 22KR0104W issued by BLM. See attached work summary, wellbore diagram, CBL, and photos.

SR Attachments

Actual Procedure

NMNM54366\_SR\_ANDERSON\_001\_20250203141234.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: 02/03/2025
Signature: Kenneth Rennick	

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.	NMNM54366
6. If Indian, Allottee or Tribe Name	

<b>SUBMIT IN TRIPLICATE</b> - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.    Anderson 001
2. Name of Operator    M & M Production & Operation		9. API Well No.    30-045-26807
3a. Address    PO Box 175 Counselor, NM 87018	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area Lybrook Gallup
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 1740 FSL & 1980 FWL SEC 22-T24N-R08W 36.2973289 -107.6714096		11. Country or Parish, State San Juan County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleate 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 perfonned 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 recompletion 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 22KR0104W issued by BLM. See attached work summary, wellbore diagram, CBL, and photos.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Heather Huntington	Title    Permitting Technician
Signature <i>Heather Huntington</i>	Date    02/03/2025

<b>THE SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
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)

## ANDERSON 001 P&amp;A WORK SUMMARY

12/30/24-PJSM. Service, start & warm up equipment. Load & secure equipment. Move AWS WOR 748 & equipment to location. SITP 0 psi. SICP 60 psi. SIBHP 0 psi. Spot base beam RU WOR. Remove horses head. Jared stuck pump loose. LD polish rod & 2 rods. PU polish rod. Pumped 65 bbls 235 deg hot water down 2 3/8" tbg while working rods to keep from plugging off. LD 33- 3/4" guided rods (rods were continually hanging up and would have to work free acts like trash on top of pump) PU polish rod. SWI. secured well. drain up & secure equipment & location for the night. Natash Dishface BLM rep on location.

12/31/24-PJSM. Service, start & warm up equipment. SITP 0 psi. SICP vac. SIBHP 0 psi. Ld polish rod LD 95- 3/4" guided rods 125 slick 3/4" rods, 2" X 1 1/2" X 14' pump bottom 20 rods scaled up bad. Change over to 2 3/8 tbg handling tools. NDWH hammer off wellhead cap. NU companion flange. Pulled tbg hanger to make sure is not a tbg anchor in hole. Pulled up to 27k weight dropped back to 19k. Land back on tbg hanger. NUBOP. RU work floor. Pulled tbg hanger. LD 140 jnt 2 3/8" eue tbg. tbg parted @ ate up tbg coupling. last 20 jnts laid down couplings were ate up from corrosion. SWI. Secured well. Drain up & secured equipment for the night. Prep to run overshot 1/2/25. Natash Dishface BLM rep on location.

1/2/25- PJSM. Service, start & warm up equipment. SICP 0 psi. SIBHP 0 psi. PU & MU 3 3/4" overshot on 2 3/8" WS. Tally & PU 2 3/8" WS tag top of fish @ 4447' work over the top of fish. Pick up 4k over string weight acts like we have a piece of the 2 3/8" fish. POOH did not recover any 2 3/8 tbg. out side of overshot was scared up. Inside of grapple was scared up up to controller no mark on grapple. MU 3 3/4 overshot on 2 3/8" WS RIH to 4436'. RU tbg swivel worked over the top of 2 3/8" fish. latch onto fish worked tbg up to 27K tried to release tbg hanger tbg parted. POOH w/ 2 3/8" WS & overshot. Recovered 9 jnts 2 3/8" tbg. (tbg was parted @ coupling, est top of fish @ 4723) SWI. secured well. Drain up & secure equipment for the night. Natash Dishface BLM rep on location.

1/3/25- PJSM. Service, start & warm up equipment. SICP vac. SIBHP 0 psi. MU 3 3/4" overshot w/ 3 1/16" grapple on 2 3/8" WS & RIH w/ 2 3/8" WS to 4717'. RU tbg swivel. Rotate & circ down to 4740 spinning on top of fish tried spudding down just spinning. POOH w/ 2 3/8" WS & 3 3/4" overshot. did not recover any fish. just spinning on the top sub of the overshot. MU 3 3/4" overshot w/ 2 19/32 grapple & RIH to 4717' RU tbg swivel. Circ & rotate down to 4740 latch on to fish. Work tbg 20K to 35K trying to release tbg anchor tbg parted. RD tbg swivel POOH w/ 2 3/8" tbg & overshot. recovered 20 jnts 2 3/8" tbg that was ate up w/ corrosion & covered in heavy scale. New Est fish top @ 5356'. SWI. Secured well. Drain up & secure equipment & location for the weekend. Natash Dishface BLM rep on location.

1/6/25- PJSM. Service, start & warm up equipment. SICP vac. SIBHP 0 psi. MU 2 3/8" tag sub on 2 3/8" WS & RIH tat top of 2 3/8" fish top @ 5359'. Load hole w/ 4 bbls freshwater' Pump Gallup plug #1 inside balance plug 5355-4840' (551' plug) Mix & pump 40 sxs down 2 3/8" tbg. Disp w/ 18.7 bbls freshwater. LD 2 3/8" WS to 47779'. POOH to 3523 standing 2 3/8" WS back in derrick. SWI. WOC. RIH tag Gallup plug #1 @ 4899' (168 ' above Gallup formation top @ 5067') good tag. LD 2 3/8" WS to 4530'. POOH w/ 2 3/8" WS & tag sub to surface standing tbg back in derrick. RU wireline truck. Run CBL log from 4890 to surface. RD wireline truck. SWI. Secured well. Drain up & secured equipment & location for the night. Natash Dishface BLM rep on location.

1/7/25- PJSM. Service, start & warm up equipment. SICP 0 psi. SIBHP 0 psi. MU 2 3/8" tag sub On 2 3/8" WS RIH to 4538'. Load hole w/ 1 bbl freshwater. Pressure test 4 1/2" csg failed got an inj rate 1/2 BPM @ 500 psi. Pump Mancos plug #2. inside balance plug 4538"- 4332' (206' plug). Mix & pump 16 sxs 3.3 bbls 15.8 ppg class g cmt down 2 3/8" WS. Disp w/ 16.7 bbls freshwater. LD 9 jnts 2 3/8" WS. POOH w/ 2 3/8" WS & tag sub to surface standing tbg back in derrick. SWI. WOC. RIH tag Mancos plug #2 @ 4422. (66' above Mancos formation top @ 4488). LD 2 3/8" WS to 3176'. load hole w. 5 bbls freshwater. Pressure test 4 1/2" csg Failed. Pump Cliff house & chacra plug #3. Inside balance plug 3176'-2042' (1134' plug) Mix & pump 88 sxs 18 bbls class g cmt down 2 3/8" WS. Disp w/ 7.8 bbls freshwater. LD 40 jnt 2 3/8" WS to 1924'. POOH w 2 3/8" WS to 984' standing tbg back in derrick. SWI. WOC. Secured well. Drain up & secure equipment & location for the night. Natash Dishface BLM rep on location.

1/8/25- PJSM. Service, start & warm up equipment. SITP vac. SICP vac. SIBHP 0 psi. RIH tag Mancos plug #3 @ 3109' (cmt fell 1067' overnight). Rev cln w/ 27 bbls freshwater. Pressure tst 4 1/2" csg to 500 psi failed. Pump cliff house, chacra & luwis shale top off plug #3A. Inside balance plug 3109'-1820' (1289' plug) Mix & pump 100 sxs 20 bbls class g cmt down 2 3/8" WS. Disp w/ 7 bbls freshwater. LD 43 jnts 2 3/8" WS to 1769'. POOH w/ 2 3/8" WS to 827' standing tbg back in derrick. SWI. WOC. RIH tag plug #3A TOC @ 1783' covered Cliff house. Chacra, Lewis shale & PC tops, Rev cln w/ 12.5 bbls. Pump plug #4 to cover Pictured cliffs, Fruitland, Kirtland & Ojo alamo formation tops. Inside balance plug 1783'-997' (786' plug) Mix & pump 61 sxs 12.5 bbls 15.8 ppg class g cmt down 2 3/8" WS. Disp w/ 3.8 bbls. LD 27 jnts 2 3/8 WS to 953'. POOH w 2 3/8" WS to surface' standing tbg back in derrick. SWI. WOC. Secure well for night. Natash Dishface BLM rep on location.

1/9/25- PJSM. Service start & warm up equipment. SICP 0 psi. SIBHP 0 psi. RIH tag plug #4 @ 1054' (91' above Ojo alamo formation top @ 1145') good tag. LD 2 3/8" WS to 265'. Load hole w/ 3 bbl. freshwater. Pump plug #5 to cover 8 5/8" SC shoe. 8 5/8" SC & fill 4 1/2" csg to surface. Mix & pump 25 sxs 5.1 bbls class g cmt down 2 3/8" WS circ good cmt to surface. LD 2 3/8" WS to surface. RD work floor. NDBOP & wash out. NUWH. SWI. WOC. 4 1/2 csg TOC @ surface. Cut off wellhead. 8 5/8" SC TOC @ 24.5'. Weld on P&A marker. Topped off casings & wellhead cellar w/ 34 sxs 6.9 bbls class g cmt. WELL IS PLUGGED. Rig down AWS WOR 748 & cmt equipment. Released WOR & Cmt equipment. Natash Dishface BLM rep on location.

**From:** [Diede, Loren, EMNRD](#)  
**To:** [Rennick, Kenneth G](#); [Jerry Stevens](#); [Kade, Matthew H](#); [Lucero, Virgil S](#); [Kuehling, Monica, EMNRD](#); [Dishface, Natasha N](#); [Porch, Dustin T](#)  
**Cc:** [Clay McDonald](#); [Heather Huntington](#); [Shaw-Marie Ford](#)  
**Subject:** RE: [EXTERNAL] Anderson 1  
**Date:** Monday, January 6, 2025 7:00:25 AM  
**Attachments:** [image001.png](#)

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NMOCD agrees with the proposed change.

Loren

Thank you,  
Loren Diede  
Petroleum Specialist Advanced  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
505-394-3582 OCD cell



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**From:** Rennick, Kenneth G <krennick@blm.gov>  
**Sent:** Friday, January 3, 2025 5:27 PM  
**To:** Jerry Stevens <jstevens@enduringresources.com>; Kade, Matthew H <mkade@blm.gov>; Lucero, Virgil S <vlucero@blm.gov>; Diede, Loren, EMNRD <Loren.Diede@emnrd.nm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Dishface, Natasha N <ndishface@blm.gov>; Porch, Dustin T <dporch@blm.gov>  
**Cc:** Clay McDonald <cmcdonald@enduringresources.com>; Heather Huntington <Hhuntington@enduringresources.com>; Shaw-Marie Ford <sford@enduringresources.com>  
**Subject:** Re: [EXTERNAL] Anderson 1

The BLM finds the procedure appropriate.

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**From:** Jerry Stevens <[jstevens@enduringresources.com](mailto:jstevens@enduringresources.com)>  
**Sent:** Friday, January 3, 2025 5:22 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)>; Diede, Loren, EMNRD <[Loren.Diede@emnrd.nm.gov](mailto:Loren.Diede@emnrd.nm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>

**Cc:** Clay McDonald <[cmcdonald@enduringresources.com](mailto:cmcdonald@enduringresources.com)>; Heather Huntington <[Hhuntington@enduringresources.com](mailto:Hhuntington@enduringresources.com)>; Shaw-Marie Ford <[sford@enduringresources.com](mailto:sford@enduringresources.com)>

**Subject:** [EXTERNAL] Anderson 1

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Kennt, the following well is the well that I visited about. I called and left a message w/ Loren Diede

MM Production/ Enduring Resources

Anderson 1

API: 30-045-26807

We pulled the rods & pump out of the hole. Went to pull the 2 3/8" tbg and it was parted @ 4442'

We have fished 2 days on this well and have got the 2 3/8" tbg fish top down to 5350' (24' below the Gallup top perf @ 5326') The tbg is ate up bad w/ corrosion and covered in heavy scale.

The procedure is written to run a CR to 5280' & pump cmt below CR to cover Gallup perms 5326'-5574'. I do not believe we can get a CR in the hole and get it to set

We would like to change the procedure as follows

1. RIH w/ 2 3/8" WS and set a balance plug from 5350'-4900' (450' cmt plug 35 sxs) to cove the Gallop top @ 5067'
2. POOH above cmt. WOC.
3. Tag Gallup cmt plug .If above 5017 good tag. If below 5017' top off Gallup plug
4. Run CBL

Give me a call if you have any questions

Thank You

Jerry Sstevens

OPERATOR: M&M Production

WELL: Anderson 001

FIELD: Lybrook

API #: 30-045-26807

SHL Lat. 36.2973289 °N

SHL Long. 107.6714096 °W

CNTY: San Juan

STATE: NM

SPUD: 09/11/87

COMP: 11/01/87

STATUS: PLUGGED

WBD DATE: 1.24.2025

FTG: 1740' FSL & 1980' FWL

Q-Q: NESW

SEC.: 22

TWS: 24N

RGE: 8W

BY: SAO

AS PLUGGED WELLBORE DIAGRAM

KBE: 6781'

KB: 13'

GLE: 6768'

TOC @ 0' 9/19/1987

12-1/4" Hole

8-5/8" 24.0# csg @ 214'

177 ft3 Class B Cmt w/2%CaCl Cmt to surf

FORMATION TOPS

Nacimiento @ 0

Ojo Alamo @ 1145

Kirtland @ 0

Fruitland @ 1581

Pictured Cliffs @ 1893

Lewis @ 0

Chacra @ 2309

Cliff House @ 3112

Menefee @ 3427

Point Lookout @ 4254

Mancos @ 4488

Gallup @ 5067

6

5

4

3B

3A

2

1

DV Stage tool 2994'

1st Stage TOC Lead 3102

1st Stage TOC Tail 5097

Top Perf 5326'

Btm Perf 5547'

ORIG PBTD @ 5572'

4-1/2" 11.6# Csg @ 5615'

TD @ 5615'

DV Tool @ 2994'

CASING RECORD

HOLE (in)	SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)	ID (in)
12 1/4	8 5/8	24.00	K55	0	214	8.097
7 7/8	4 1/2	10.50	K55	0	5615	4.000

PLUG #6: SURFACE CASING AND CELLAR TOP OFF

CIRCULATED TO SURFACE

CEMENT 0' - 25' -----> 25' interval

PLUG VOLUME 34 sx 15.8 ppg Class G

PLUG #5: SURFACE CASING SHOE & 4-1/2" PRODUCTION CASING TO SURFACE

CIRCULATED TO SURFACE

CEMENT 25' - 265' -----> 241' interval

PLUG VOLUME 25 sx 15.8 ppg Class G

PLUG #4: PICTURED CLIFFS, FRUITLAND, KIRTLAND & OJO ALAMO TOPS

INSIDE BALANCED PLUG

CEMENT 1054' - 1783' -----> 729' interval

PLUG VOLUME 61 sx 15.8 ppg Class G

PLUG #3B: CLIFF HOUSE, CHACRA, LEWIS SHALE & PICTURED CLIFFS TOPS

INSIDE BALANCED PLUG (TOP OFF)

CEMENT 1783' - 3109' -----> 1326' interval

PLUG VOLUME 100 sx 15.8 ppg Class G

PLUG #3A: CLIFF HOUSE TOP

INSIDE BALANCED PLUG (TOC FELL OVERNIGHT)

CEMENT 3109' - 3176' -----> 67' interval

PLUG VOLUME 88 sx 15.8 ppg Class G

PLUG #2: MANCOS TOP

INSIDE BALANCED PLUG

CEMENT 4422' - 4538' -----> 116' interval

PLUG VOLUME 16 sx 15.8 ppg Class G

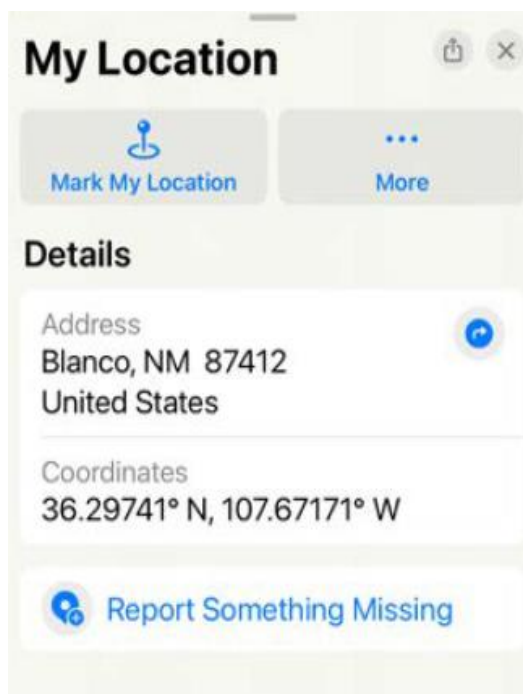
PLUG #1: GALLUP PERFORATIONS AND FORMATION TOP

INSIDE BALANCED PLUG

CEMENT 4899' - 5355' -----> 456' interval

PLUG VOLUME 40 sx 15.8 ppg Class G









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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/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 428017

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 428017
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	2/7/2025