

Well Name: NE LYBROOK COM	Well Location: T23N / R7W / SEC 15 / SWSW / 36.223284 / -107.568598	County or Parish/State: RIO ARRIBA / NM
Well Number: 167H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMSF078360	Unit or CA Name:	Unit or CA Number: NMNM132829
US Well Number: 3003931201	Operator: ENDURING RESOURCES LLC	

Subsequent Report

Sundry ID: 2812498

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 09/18/2024	Time Sundry Submitted: 10:54
Date Operation Actually Began: 09/07/2024	

Actual Procedure: Enduring Resources performed a workover for a tubing reconfiguration and wellbore cleanout. An updated well schematic is attached. EOT: 6,325' MD Packer Top: None GLVs: None Orifice Valve: None Job Start: 8/7/2024 Job End: 8/12/2024

SR Attachments

Actual Procedure

NE_Lybrook_Com_167H_Wellbore_Schematic_8_13_24_20240918105427.pdf

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County or Parish/State: RIO ARRIBA / NM

Well Number: 167H

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Allottee or Tribe Name:

Lease Number: NMSF078360

Unit or CA Name:

Unit or CA Number: NMNM132829

US Well Number: 3003931201

Operator: ENDURING RESOURCES LLC

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: HEATHER HUNTINGTON

Signed on: SEP 18, 2024 10:54 AM

Name: ENDURING RESOURCES LLC

Title: Permitting Technician

Street Address: 200 ENERGY COURT

City: FARMINGTONState: NM

Phone: (505) 636-9751

Email address: HHUNTINGTON@ENDURINGRESOURCES.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

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: 09/18/2024

Signature: Matthew Kade

Form 3160-5
(October 2024)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB No. 1004-0220
Expires: October 31, 2027

5. Lease Serial No.
NMSF078360

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
ENDURING RESOURCES LLC

3a. Address 200 ENERGY COURT, FARMINGTON, NM 87401 3b. Phone No. (include area code)
(505) 497-8574

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 15/T23N/R7W/NMP

7. If Unit of CA/Agreement, Name and/or No.
NMNM132829

8. Well Name and No.
NE LYBROOK COM/167H

9. API Well No. 3003931201

10. Field and Pool or Exploratory Area
BASIN MANCOS/CHACO NE HZ

11. Country or Parish, State
RIO ARRIBA/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 checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input 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 recomplete 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 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 determined that the site is ready for final inspection.)

Enduring Resources performed a workover for a tubing reconfiguration and wellbore cleanout. An updated well schematic is attached.

EOT: 6,325 MD
Packer Top: None
GLVs: None
Orifice Valve: None
Job Start: 8/7/2024
Job End: 8/12/2024

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
HEATHER HUNTINGTON / Ph: (505) 636-9751

Title
Permitting Technician

(Electronic Submission)
Signature

Date
09/18/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
MATTHEW H KADE / Ph: (406) 791-7716 / Accepted

Petroleum Engineer
Title

FARMINGTON
Office

09/18/2024
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.

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SWSW / 1289 FSL / 516 FWL / TWSP: 23N / RANGE: 7W / SECTION: 15 / LAT: 36.223284 / LONG: -107.568598 (TVD: 0 feet, MD: 0 feet)

PPP: SWSW / 957 FSL / 483 FWL / TWSP: 23N / RANGE: 7W / SECTION: 15 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

BHL: SWSW / 376 FSL / 157 FWL / TWSP: 23N / RANGE: 7W / SECTION: 14 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

WellView®

Wellbore Schematic - Components and Cement

Well Name: NE LYBROOK COM 167H (fka Chaco)

API/UWI 30-039-31201		County RIO ARRIBA		State/Province NEW MEXICO		Surface Legal Location SW/4, SW/4, Section 15 (M), Twp 23N, Rng 7W	
Spud Date 8/18/2014	On Production Date 3/28/2015	Abandon Date	Ground Elevation (ft) 7,295.01	Original KB Elevation (ft) 7,309.01	Total Depth (All) (ftKB) Original Hole - 11,231.0	PBDT (All) (ftKB) Original Hole - 11,099.0	

Horizontal. Original Hole. 8/21/2024 7:42:55 AM

MD (ftKB)	Vertical schematic (actual)
-25.6	Tbg Hanger - TC-1A; 14.4-15.2 ftKB
14.1	
14.4	Tubing - BB; 80.9- 992.5 ftKB
15.1	Tubing - YB; 992.5- 5,646.1 ftKB
15.4	
80.7	
371.4	
372.4	Tubing - YB f/inventory ; 5,646.1- 5,873.3 ftKB
437.0	
438.6	X- NIPPLE; 5,873.3- 5,874.4 ftKB
442.9	
992.5	
5,646.0	Tubing - GB; 5,874.4- 6,134.7 ftKB
5,873.4	
5,874.3	X-OVER; 6,134.7- 6,135.2 ftKB
6,134.8	
6,135.2	Tubing - YB f/inventory ; 6,135.2- 6,230.2 ftKB
6,153.9	
6,181.1	
6,230.3	Tubing - BB; 6,230.2- 6,293.5 ftKB
6,293.6	
6,294.6	XN- NIPPLE; 6,293.5- 6,294.7 ftKB
6,295.9	
6,297.2	Tubing - GB; 6,294.6- 6,325.0 ftKB
6,325.1	
6,325.5	
6,342.5	Mule Shoe; 6,325.0- 6,325.4 ftKB
6,344.2	
6,354.0	
6,811.4	
6,816.6	
8,927.2	
8,932.1	
11,078.7	
11,082.0	
11,097.1	
11,099.1	
11,100.1	
11,186.7	
11,188.0	
11,231.0	

Other Strings

String Description	String Length (ft)	Set Depth (ftKB)	Run Date
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Other In Hole

Des	String	Top (ftKB)	Btm (ftKB)	Run Date

Rod Strings

<des> on <dtmrun>

Rod Description	String Length (ft)	Set Depth (ftKB)	Run Date
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Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

Tubing Strings

Tubing - Production set at 6.325.4ftKB on 8/12/2024 09:00

Tubing Description	Len (ft)	Set Depth (f..	Run Date	Cut/Pull Date	Depth C.
Tubing - Production	6.310.93	6.325.4	8/12/2024		

Jts	Item Des	OD (in)	Len (ft)	Top (ftKb)	Btm (ftKb)	Grade	Wt (lb/ft)
1	Tbg Hanger - TC-1A	6.36	0.80	14.5	15.3		
2	Tubing - YB	2 7/8	65.60	15.3	80.9	L-80	6.50
28	Tubing - BB	2 7/8	911.68	80.9	992.5	L-80	6.50
14	Tubing - YB	2 7/8	4,653.60	992.5	5,646.1	L-80	6.50
3							
7	Tubing - YB f/inventory	2 7/8	227.22	5,646.1	5,873.4	J-55	6.50
1	X-NIPPLE	3.68	1.10	5,873.4	5,874.5	L-80	6.50
8	Tubing - GB	2 7/8	260.25	5,874.5	6,134.7	L-80	6.50
1	X-OVER	3.68	0.50	6,134.7	6,135.2		
3	Tubing - YB f/inventory	2 3/8	95.01	6,135.2	6,230.2	J55	4.70
2	Tubing - BB	2 3/8	63.34	6,230.2	6,293.6	J55	4.70
1	XN-NIPPLE	3.07	1.10	6,293.6	6,294.7	J-55	4.70
1	Tubing - GB	2 3/8	30.33	6,294.7	6,325.0	J55	4.70
1	Mule Shoe	3.04	0.40	6,325.0	6,325.4	J55	4.70

Casing Strings

PRODUCTION LINER #1. 11,188.0ftKB

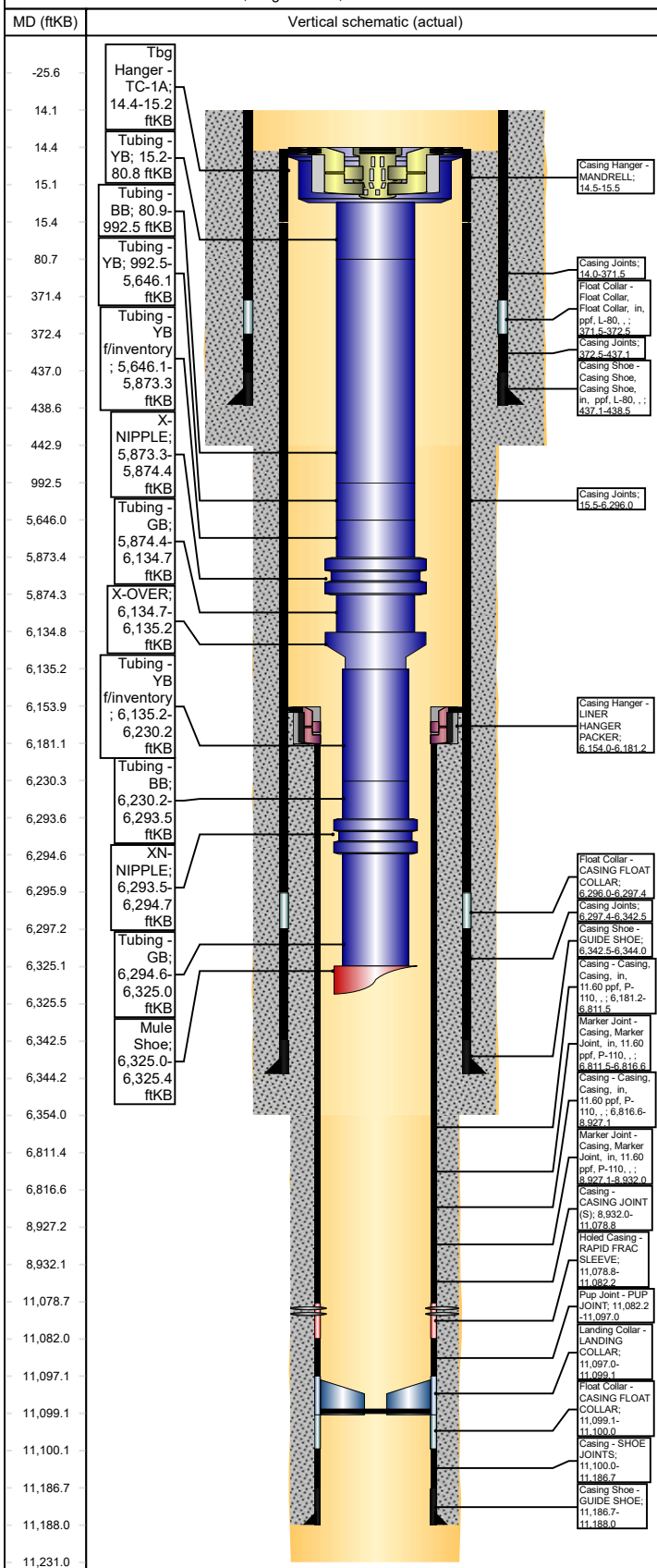
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
PRODUCTION LINER #1				-25.7	11,188.0		

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Circulating String - DP HANGING STRING/ REMOVED	5	0.0	0.00	0.00		6,179.71
Casing Hanger - LINER HANGER PACKER	1	6	4.00	11.60	P-110	27.16
Casing - Casing, Casing, in, 11.60 ppf, P-110, ,	15	4 1/2	4.00	11.60	P-110	630.34
Marker Joint - Casing, Marker Joint, in, 11.60 ppf, P-110, ,	1	4 1/2	4.00	11.60	P-110	5.11
Casing - Casing, Casing, in, 11.60 ppf, P-110, ,	50	4 1/2	4.00	11.60	P-110	2,110.43
Marker Joint - Casing, Marker Joint, in, 11.60 ppf, P-110, ,	1	4 1/2	4.00	11.60	P-110	4.92
Casing - CASING JOINT(S)	50	4 1/2	4.00	11.60	P-110	2,146.85
Holed Casing - RAPID FRAC SLEEVE	1	4 1/2	4.00	11.60	P-110	3.35
Pup Joint - PUP JOINT	1	4 1/2	4.00	11.60	P-110	14.85
Landing Collar - LANDING COLLAR	1	4 1/2	4.00	11.60	P-110	2.08
Float Collar - CASING FLOAT COLLAR	1	4 1/2	4.00	11.60	P-110	0.90
Casing - SHOE JOINTS	2	4 1/2	4.00	11.60	P-110	86.74

Well Name: NE LYBROOK COM 167H (fka Chaco)

Horizontal, Original Hole, 8/21/2024 7:42:56 AM



Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Shoe - GUIDE SHOE	1	4 1/2	4.00	11.60	P-110	1.25

INTERMEDIATE CASING, 6,344.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
INTERMEDIATE CASING	7	23.00	J-55	14.5	6,344.0		6.37

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Hanger - MANDRELL	1	7	6.37	24.00	J-55	1.00
Casing Joints	148	7	6.37	23.00	J-55	6,280.56
Float Collar - CASING FLOAT COLLAR	1	7	6.37	24.00	J-55	1.35
Casing Joints	1	7	6.37	23.00	J-55	45.13
Casing Shoe - GUIDE SHOE	1	7	6.37	24.00	J-55	1.50

SURFACE CASING, 438.5ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
SURFACE CASING	9 5/8	36.00	J-55	14.0	438.5		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	11	9 5/8	8.92	36.00	J-55	357.50
Float Collar - Float Collar, Float Collar, in, ppf, L-80, ,	1	9 5/8	8.92			1.00
Casing Joints	2	9 5/8	8.92	36.00	J-55	64.60
Casing Shoe - Casing Shoe, Casing Shoe, in, ppf, L-80, ,	1	9 5/8	8.92			1.42

Cement

SURFACE CASING, Casing, 8/19/2014 02:00

Description	String	Cementing Start Date	Cementing End Date
SURFACE CASING	SURFACE CASING, 438.5ftKB	8/19/2014 02:00	8/19/2014 04:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	438.5	245 sx, 222 cuft

INTERMEDIATE CASING, Casing, 1/28/2015 01:54

Description	String	Cementing Start Date	Cementing End Date
INTERMEDIATE CASING	INTERMEDIATE CASING, 6,344.0ftKB	1/28/2015 01:54	1/28/2015 05:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.5	6,344.0	1122 sx, 1590 cuft

PRODUCTION LINER #1, Casing, 2/1/2015 01:00

Description	String	Cementing Start Date	Cementing End Date
PRODUCTION LINER #1	PRODUCTION LINER #1, 11,188.0ftKB	2/1/2015 01:00	2/1/2015 04:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	6,154.0	11,188.0	385 sx, 529 cuft

Wellbores

Original Hole

Wellbore Name	Parent Wellbore
Original Hole	Original Hole

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	14.0	443.0
INTERMEDIATE	8 3/4	443.0	6,354.0
PRODUCTION	6 1/8	6,354.0	11,231.0

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 510148

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 510148
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	11/18/2025