

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**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.

NMNM118731

6. If Indian, Allottee or Tribe Name

EASTERN NAVAJO

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

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

NMNM105803962

8. Well Name and No.

GREATER LYBROOK UNIT/763H

9. API Well No. 3004538200

10. Field and Pool or Exploratory Area

CHACO/RUSTY GALLUP OIL POOL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 27/T23N/R9W/NMP

11. Country or Parish, State

SAN JUAN/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 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 performed a workover for a hole in tubing and wellbore cleanout. An updated well schematic is attached.

EOT: 5124 MD

Packer Top: 4753 MD

GLVs: 4099 MD

Orifice Valve: 4743 MD

Job Start: 5/9/2025

Job End: 5/21/2025

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

HEATHER HUNTINGTON / Ph: (505) 636-9751

Permitting Technician

Title

(Electronic Submission)
Signature

Date

06/17/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted

Petroleum Engineer

Title

06/17/2025

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 FARMINGTON

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)

Additional Information

Location of Well

0. SHL: NENW / 1181 FNL / 2446 FWL / TWSP: 23N / RANGE: 9W / SECTION: 27 / LAT: 36.201902 / LONG: -107.7768 (TVD: 0 feet, MD: 0 feet)

PPP: NENW / 1283 FNL / 2626 FWL / TWSP: 23N / RANGE: 9W / SECTION: 27 / LAT: 36.20165 / LONG: -107.776194 (TVD: 3926 feet, MD: 4009 feet)

BHL: NENW / 139 FNL / 1699 FWL / TWSP: 23N / RANGE: 9W / SECTION: 21 / LAT: 36.219146 / LONG: -107.797529 (TVD: 4586 feet, MD: 11688 feet)

CONFIDENTIAL

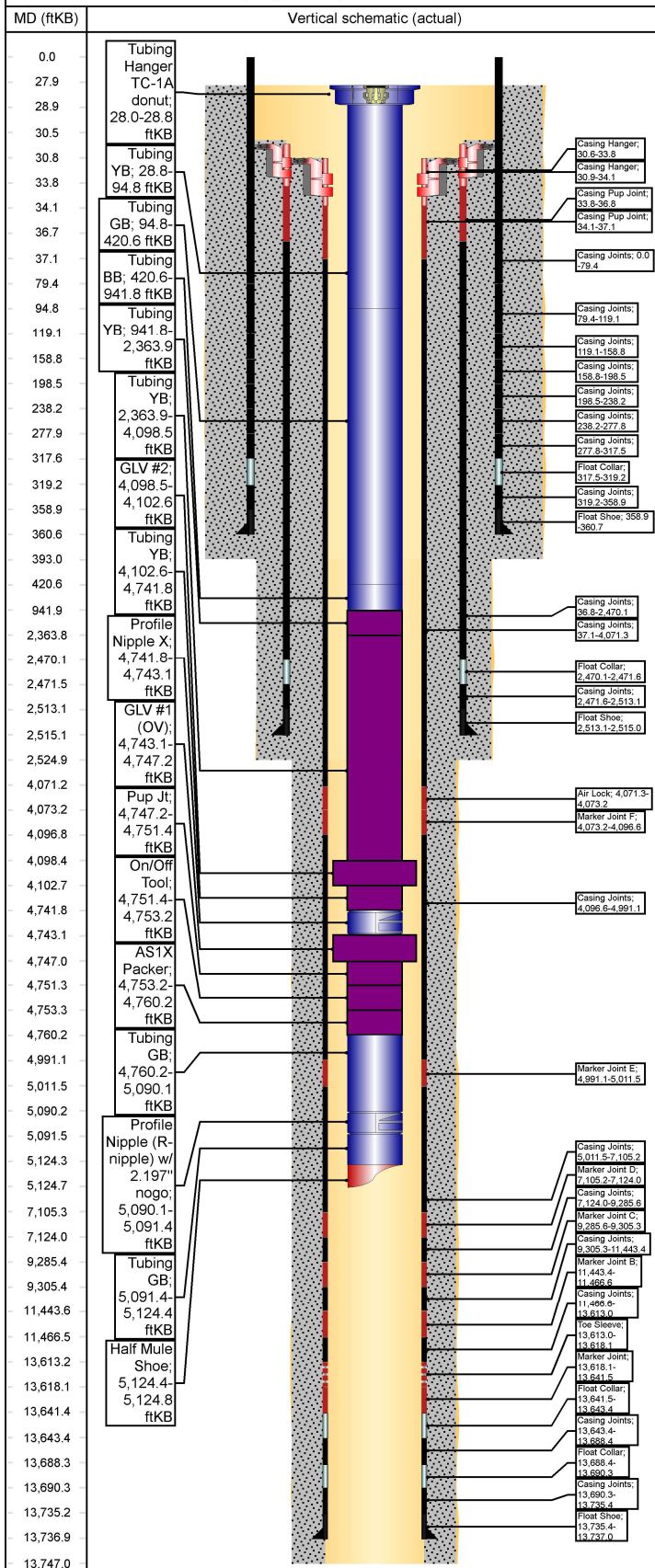


Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 763H (fka W LYBROOK)

API/UWI 30-045-38200		County SAN JUAN		State/Province NEW MEXICO		Surface Legal Location (UNIT C) NE/4, NW/4, SECTION 27, T23N, R09W							
Spud Date 2/10/2021		On Production Date		Abandon Date		Ground Elevation (ft) 6,641.00		Original KB Elevation (ft) 6,669.00		Total Depth (All) (ftKB) Original Hole - 13,747.0		PBTD (All) (ftKB)	

Horizontal, Original Hole, 6/10/2025 8:51:21 AM



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
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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)
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Tubing Strings

Tubing - Production set at 5,124.8ftKB on 5/21/2025 08:30

Tubing Description	Len (ft)	Set Depth (ftKB)	Run Date	Cut/Pull Date	Depth C...
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Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
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1	Tubing Hanger TC-1A donut	4 3/4	0.80	28.0	28.8		
2	Tubing YB	2 7/8	65.96	28.8	94.8	L-80	6.50
10	Tubing GB	2 7/8	325.82	94.8	420.6	L-80	6.50
16	Tubing BB	2 7/8	521.21	420.6	941.8	J-55	6.50
44	Tubing YB	2 7/8	1,422.11	941.8	2,363.9		
63	Tubing YB	2 7/8	1,734.59	2,363.9	4,098.5		
1	GLV #2	4.335	4.10	4,098.5	4,102.6		
20	Tubing YB	2 7/8	639.17	4,102.6	4,741.8		
1	Profile Nipple X	2 7/8	1.30	4,741.8	4,743.1		
1	GLV #1 (OV)	4.335	4.10	4,743.1	4,747.2		
1	Pup Jt	2 7/8	4.20	4,747.2	4,751.4		
1	On/Off Tool	2 7/8	1.85	4,751.4	4,753.2		
1	AS1X Packer	2 7/8	6.98	4,753.2	4,760.2		
10	Tubing GB	2 7/8	329.90	4,760.2	5,090.1	L-80	6.50
1	Profile Nipple (R-nipple) w/ 2.197\"	2 7/8	1.30	5,090.1	5,091.4		
1	Tubing GB	2 7/8	33.01	5,091.4	5,124.4	L-80	6.50
1	Half Mule Shoe	2 7/8	0.40	5,124.4	5,124.8		

Casing Strings

Production, 13,737.0ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
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Production	5 1/2	17.00	P-110	30.9	13,737.0		4.89
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Casing Components

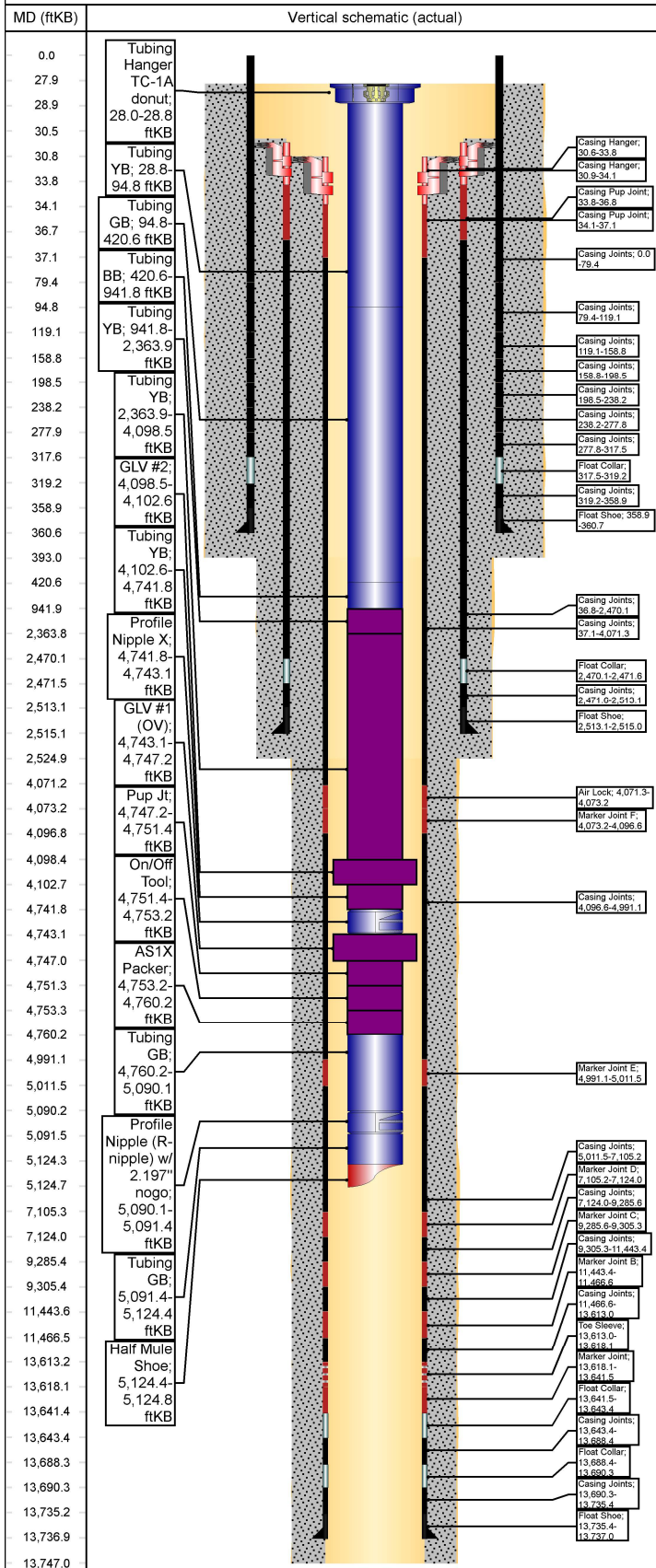
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Marker Joint G	0	5 1/2	4.89	17.00	P-110	0.00
Marker Joint H	0	5 1/2	4.89	17.00	P-110	0.00
Casing Joints	0	5 1/2	4.89	17.00	P-110	0.00
Landing Joint	0	5 1/2	4.89	17.00	P-110	0.00
Casing Hanger	1	5 1/2	4.89	17.00	P-110	3.20
Casing Pup Joint	1	5 1/2	4.89	17.00	P-110	3.00
Casing Joints	98	5 1/2	4.89	17.00	P-110	4,034.22
Air Lock	1	5 1/2	4.89	17.00	P-110	1.92
Marker Joint F	1	5 1/2	4.89	17.00	P-110	23.40
Casing Joints	22	5 1/2	4.89	17.00	P-110	894.44
Marker Joint E	1	5 1/2	4.89	17.00	P-110	20.45
Casing Joints	51	5 1/2	4.89	17.00	P-110	2,093.70
Marker Joint D	1	5 1/2	4.89	17.00	P-110	18.79
Casing Joints	51	5 1/2	4.89	17.00	P-110	2,161.57
Marker Joint C	1	5 1/2	4.89	17.00	P-110	19.72
Casing Joints	51	5 1/2	4.89	17.00	P-110	2,138.13
Marker Joint B	1	5 1/2	4.89	17.00	P-110	23.16
Casing Joints	51	5 1/2	4.89	17.00	P-110	2,146.45



Wellbore Schematic - Components and Cement

Well Name: GREATER LYBROOK UNIT 763H (fka W LYBROOK)

Horizontal, Original Hole, 6/10/2025 8:51:22 AM



Wellbore Schematic - Components and Cement

Horizontal, Original Hole, 6/10/2025 8:51:24 AM

MD (ftKB)	Vertical schematic (actual)
0.0	Tubing Hanger TC-1A donut; 28.0-28.8 ftKB
27.9	
28.9	
30.5	
30.8	Tubing YB; 28.8-94.8 ftKB
33.8	
34.1	Tubing GB; 94.8-420.6 ftKB
36.7	
37.1	Tubing BB; 420.6-941.8 ftKB
79.4	
94.8	Tubing YB; 941.8-2,363.9 ftKB
119.1	
158.8	
198.5	Tubing YB; 2,363.9-4,098.5 ftKB
238.2	
277.9	
317.6	GLV #2; 4,098.5-4,102.6 ftKB
319.2	
358.9	Tubing YB; 4,102.6-4,741.8 ftKB
360.6	
393.0	
420.6	
941.9	Profile Nipple X; 4,741.8-4,743.1 ftKB
2,363.8	
2,470.1	GLV #1 (OV); 4,743.1-4,747.2 ftKB
2,471.5	
2,513.1	Pup Jt; 4,747.2-4,751.4 ftKB
2,515.1	
2,524.9	On/Off Tool; 4,751.4-4,753.2 ftKB
4,071.2	
4,073.2	ASIX Packer; 4,753.2-4,760.2 ftKB
4,096.8	
4,098.4	Tubing GB; 4,760.2-5,090.1 ftKB
4,102.7	
4,741.8	Profile Nipple (R-nipple) w/ 2.197" nogo; 5,090.1-5,091.4 ftKB
4,743.1	
4,747.0	Tubing GB; 5,091.4-5,124.4 ftKB
4,751.3	
4,753.3	Half Mule Shoe; 5,124.4-5,124.8 ftKB
4,760.2	
4,991.1	
5,011.5	
5,090.2	
5,091.5	
5,124.3	
5,124.7	
7,105.3	
7,124.0	
9,285.4	
9,305.4	
11,443.6	
11,466.5	
13,613.2	
13,618.1	
13,641.4	
13,643.4	
13,688.3	
13,690.3	
13,735.2	
13,736.9	
13,747.0	

The diagram illustrates the vertical profile of a wellbore from the surface down to 13,747.0 ftKB. Key components include tubing hangers, joints, packers, and shoes. The wellbore is divided into sections: Surface (0-30.8 ftKB), Intermediate (30.8-13,613.2 ftKB), and Production (13,613.2-13,747.0 ftKB). The casing is made of 90:10 Poz. Type III at 12.5 ppg, 2.14 ft³/sk, 12.05 gal H₂O/sk. The cement is Type III Blend at 14.6 ppg, 1.38 ft³/sk, 6.64 gal H₂O/sk. The wellbore is lined with American Cementing. Pressure tested lines to 5,000 psi. Pumped Lead Cement: 191 bbls (449 sx) ASTM Type I/II at 12.4 ppg, 2.39 ft³/sk, 13.28 gal H₂O/sk. Pumped Tail Cement: 455 bbls (1,615 sx) Class G Cement at 13.3 ppg, 1.58 ft³/sk, 7.57 gal H₂O/sk. Washed lines, dropped plug & began displacement. Displaced with 317 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,300 psi, bumped plug to 3,551 psi at 4.0 bpm. Bled back 2.25- Bbls and floats held.

Top of Tail: Calculated 3,553 ft MD.
Tof of Lead: surface
Cement Back 140 - BBL, Calculated Back 65 - bbl's

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.6	2,525.0	Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 2,000 psi. Pumped 10 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 178 bbls (467 sx) 90:10 Poz.Type III at 12.5 ppg, 2.14 ft ³ /sk, 12.05 gal H ₂ O/sk. Pumped Tail Cement: 33.4 bbls (136 sx) Type III Blend at 14.6 ppg, 1.38 ft ³ /sk, 6.64 gal H ₂ O/sk. Dropped plug & began displacement. Displaced with 188 bbls FW. FCP at 800 psi Bumped Plug 1450 psi. Maintained returns throughout job. Calculated 49 bbls to surface. Top of Lead to surface and top of tail at 1,942 ft MD. Released Rig @ 00:45 3/21/2022 to the W. Lybrook Unit 763 H. (Cement 03:15 Hour's To 05:35 Hour's on -3/21/2022)

Production Casing Cement, Casing, 4/20/2022 12:00

Description	String	Cementing Start Date	Cementing End Date
Production Casing Cement	Production, 13,737.0ftKB	4/20/2022 12:00	4/20/2022 17:04

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	30.9	13,747.0	PJSM with American Cementing. Pressure tested lines to 5,000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 191 bbls (449 sx) ASTM Type I/II at 12.4 ppg, 2.39 ft ³ /sk, 13.28 gal H ₂ O/sk. Pumped Tail Cement: 455 bbls (1,615 sx) Class G Cement at 13.3 ppg, 1.58 ft ³ /sk, 7.57 gal H ₂ O/sk. Washed lines, dropped plug & began displacement. Displaced with 317 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,300 psi, bumped plug to 3,551 psi at 4.0 bpm. Bled back 2.25- Bbls and floats held.

Top of Tail: Calculated 3,553 ft MD.
Tof of Lead: surface
Cement Back 140 - BBL, Calculated Back 65 - bbl's

Wellbores

Wellbore Name	Parent Wellbore
Original Hole	

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface	17 1/2	28.0	393.0
Intermediate	12 1/4	393.0	2,525.0
Production	8 1/2	2,525.0	13,747.0

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 477427

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 477427
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/3/2025