

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

WELL API NO. 30-045-35441
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. L2986-1
7. Lease Name or Unit Agreement Name LYBROOK 2408- 32P
8. Well Number 114H
9. OGRID Number 372286
10. Pool name or Wildcat Nageezi Gallup

SUNDRY NOTICES AND REPORTS ON WELLS
(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.)

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

2. Name of Operator
Enduring Resources IV LLC

3. Address of Operator
200 Energy Court Farmington NM 87401

4. Well Location

Unit Letter P: 1203' feet from the S line and 382' feet from the E line

Section 32 Township 24N Range 08W NMPM County SAN JUAN

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
7017'

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

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.

Enduring Resources performed a workover for tubing reconfiguration. Well was converted from rod pump to gas lift. An updated well schematic is attached.

EOT: 5,955' MD
Packer: None
GLVs: 5,668' MD
Orifice Valve: none - EOT
Job Start: 6/12/2023
Job End: 6/14/2023

Spud Date: 1/4/13

Rig Release Date:

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

SIGNATURE Heather Huntington TITLE Permitting Technician DATE 7/12/2023

Type or print name Heather Huntington E-mail address: hhuntington@enduringresources.com PHONE: 505-636-9751

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

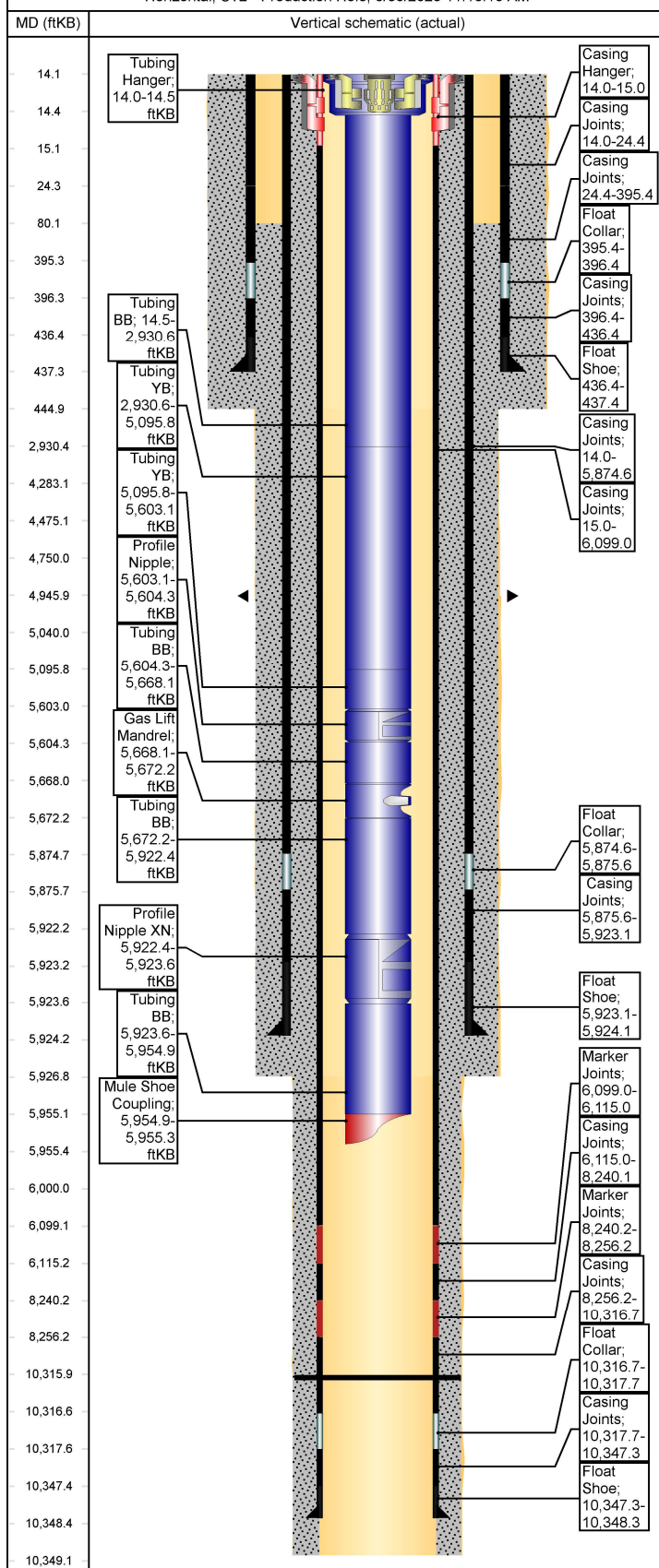


Wellbore Schematic - Components and Cement

Well Name: LYBROOK 2408-32P 114H (FKA CHACO)

API/UWI 30-045-35441		County SAN JUAN		State/Province NEW MEXICO		Surface Legal Location SE/2, SE/2, Section 32, (Unit P), Twp 24N, Rng 08W, NMPM		
Spud Date 1/4/2013	On Production Date 4/14/2013	Abandon Date	Ground Elevation (ft) 7,017.01	Original KB Elevation (ft) 7,031.01	Total Depth (All) (ftKB) Original Hole - 6,000.0; Sidetrack 1 - 5,120.0; ST2 - Production Hole - 10,349.0	PBTD (All) (ftKB) ST2 - Production Hole - 10,316.0		

Horizontal, ST2 - Production Hole, 6/30/2023 11:16:10 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
Cement Plug #1 - Pilot Hole		5,480.0	5,850.0	1/16/2013 16:30
Cement Plug #2 - Pilot Hole		5,040.0	5,410.0	1/16/2013 20:00
Cement Plug #3 - Pilot Hole		4,960.0	5,040.0	1/17/2013 00:00
Whipstock		4,946.0	4,959.0	1/27/2013 04:30
OH Cement Plug #4 - ST1		4,959.0	4,974.0	1/27/2013 07:00

Rod Strings

<des> on <dtmrun>

Rod Description		String Length (ft) 0.00	Set Depth (ftKB)		Run Date
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

Tubing Strings

Tubing - Production set at 5,955.3ftKB on 6/14/2023 12:00

Tubing Description		Len (ft)	Set Depth (ft)	Run Date	Cut/Pull Date	Depth C	
Tubing - Production		5,941.32	5,955.3	6/14/2023			
Jts	Item Des	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	Grade	Wt (lb/ft)
1	Tubing Hanger	4	0.50	14.0	14.5	J-55	
94	Tubing BB	2 3/8	2,916.0 6	14.5	2,930.6	J-55	4.70
69	Tubing YB	2 3/8	2,165.2 6	2,930.6	5,095.8	J-55	4.70
16	Tubing YB	2 3/8	507.24	5,095.8	5,603.1	J-55	4.70
1	Profile Nipple	2 3/8	1.20	5,603.1	5,604.3	J55	
2	Tubing BB	2 3/8	63.85	5,604.3	5,668.1	J-55	4.70
1	Gas Lift Mandrel	2 3/8	4.10	5,668.1	5,672.2	J-55	
8	Tubing BB	2 3/8	250.18	5,672.2	5,922.4	J-55	4.70
1	Profile Nipple XN	2 3/8	1.20	5,922.4	5,923.6	J-55	
1	Tubing BB	2 3/8	31.33	5,923.6	5,954.9	J-55	4.70
1	Mule Shoe Coupling	2 3/8	0.40	5,954.9	5,955.3	J-55	

Casing Strings

Production Casing - 4-1/2", 10,348.3ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Production Casing - 4-1/2"	4 1/2	11.60	N-80	14.0	10,348.3		4.00

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Hanger		4 1/2	4.00		N-80	1.00
Casing Joints	143	4 1/2	4.00	11.60	N-80	6,084.00
Marker Joints	1	4 1/2	4.00	11.60	N-80	16.00
Casing Joints	50	4 1/2	4.00	11.60	N-80	2,125.13
Marker Joints	1	4 1/2	4.00	11.60	N-80	16.00
Casing Joints	49	4 1/2	4.00	11.60	N-80	2,060.51
Float Collar		4 1/2	4.00	11.60	N-80	1.00
Casing Joints	1	4 1/2	4.00	11.60	N-80	29.62
Float Shoe		4 1/2	4.00	11.60	N-80	1.00

Intermediate Casing - 7", 5,924.1ftKB

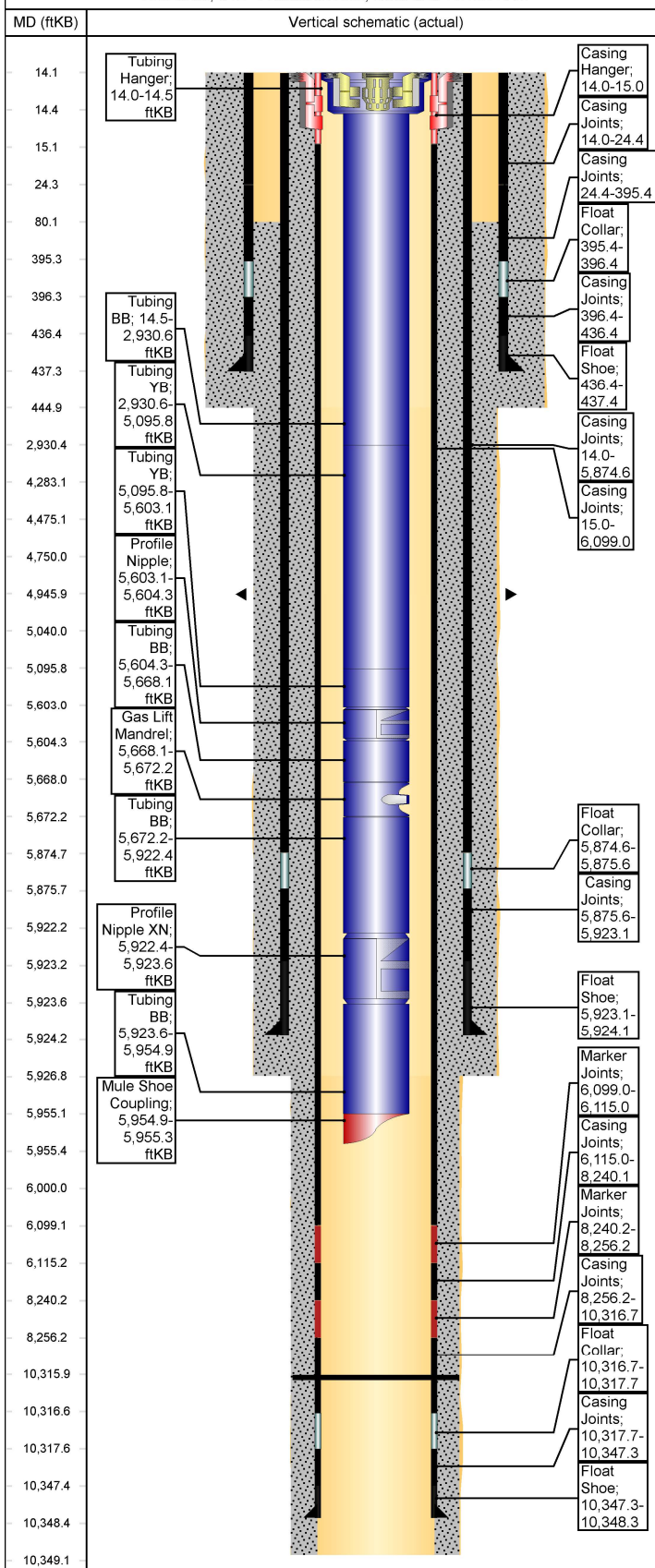
Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Intermediate Casing - 7"	7	23.00	J-55	14.0	5,924.1		6.37

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	129	7	6.37	23.00	J-55	5,860.60

WellView®**Wellbore Schematic - Components and Cement****Well Name: LYBROOK 2408-32P 114H (FKA CHACO)**

Horizontal, ST2 - Production Hole, 6/30/2023 11:16:11 AM

**Casing Components**

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Float Collar		7	6.37		J-55	1.00
Casing Joints	1	7	6.37	23.00	J-55	47.54
Float Shoe		7	6.37		J-55	1.00

Surface Casing - 9-5/8", 437.4ftKB

Casing Description	OD (in)	Wt/Len (lb/ft)	String Grade	Top (ftKB)	Set Depth...	Depth C...	ID (in)
Surface Casing - 9-5/8"	9 5/8	36.00	K-55	14.0	437.4		8.92

Casing Components

Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)
Casing Joints	1	9 5/8	8.92	36.00	K-55	10.40
Casing Joints	8	9 5/8	8.92	36.00	K-55	371.00
Float Collar		9 5/8	8.92	36.00	K-55	1.00
Casing Joints	1	9 5/8	8.92	36.00	K-55	40.00
Float Shoe		9 5/8	8.92	36.00	K-55	1.00

Cement**Surface Cement, Casing, 1/5/2013 12:00**

Description	String	Cementing Start Date	Cementing End Date
Surface Cement	Surface Casing - 9-5/8", 437.4ftKB	1/5/2013 12:00	1/5/2013 15:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	437.4	240 sx cmt

OH Cement Plugs - Pilot Hole, Plug, 1/6/2013 15:00

Description	String	Cementing Start Date	Cementing End Date
OH Cement Plugs - Pilot Hole	Original Hole	1/6/2013 15:00	1/17/2013 00:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	5,480.0	5,850.0	PUMP 1'st PLUG, 5850'-5400', 40 Bbl MUDFLUSH 3 SPACER, 145sx(28.9Bbl, 162cf, 15.8ppg, YIELD = 1.12cfs)DISPLACE W/ 7.5 Bbl FW & 69 Bbl MUD.
2	5,040.0	5,410.0	PUMP 2'nd PLUG, 5410'-5040', 40 Bbl MUDFLUSH 3 SPACER, 145sx CLASS G+0.1%HR-5+0.15%
3	4,475.0	5,040.0	CEMENT 3'rd PLUG F/ 5040' TO 4475', 40 Bbl MUDFLUSH SPACER, 231sxCLASS G CMT+3% PotCl+0.2% HR-5+3.8gsfw(41Bbl, 231cuf, 17ppg, 1 YLD)DISPLACE W/ 9.5Bbl FW & 50.5 Bbl MUD.ESTIMATE TOC @ 4475'.

OH Cement Plug - w/ Whipstock, Plug, 1/27/2013 04:30

Description	String	Cementing Start Date	Cementing End Date
OH Cement Plug - w/ Whipstock	Original Hole	1/27/2013 04:30	1/27/2013 07:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	4,833.0	4,974.0	75 sx premium Class G Cmt

Intermediate Cement, Casing, 2/1/2013 21:00

Description	String	Cementing Start Date	Cementing End Date
Intermediate Cement	Intermediate Casing - 7", 5,924.1ftKB	2/1/2013 21:00	2/2/2013 01:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	80.0	5,927.0	780 sx cmt

Production Cement, Casing, 2/17/2013 00:00

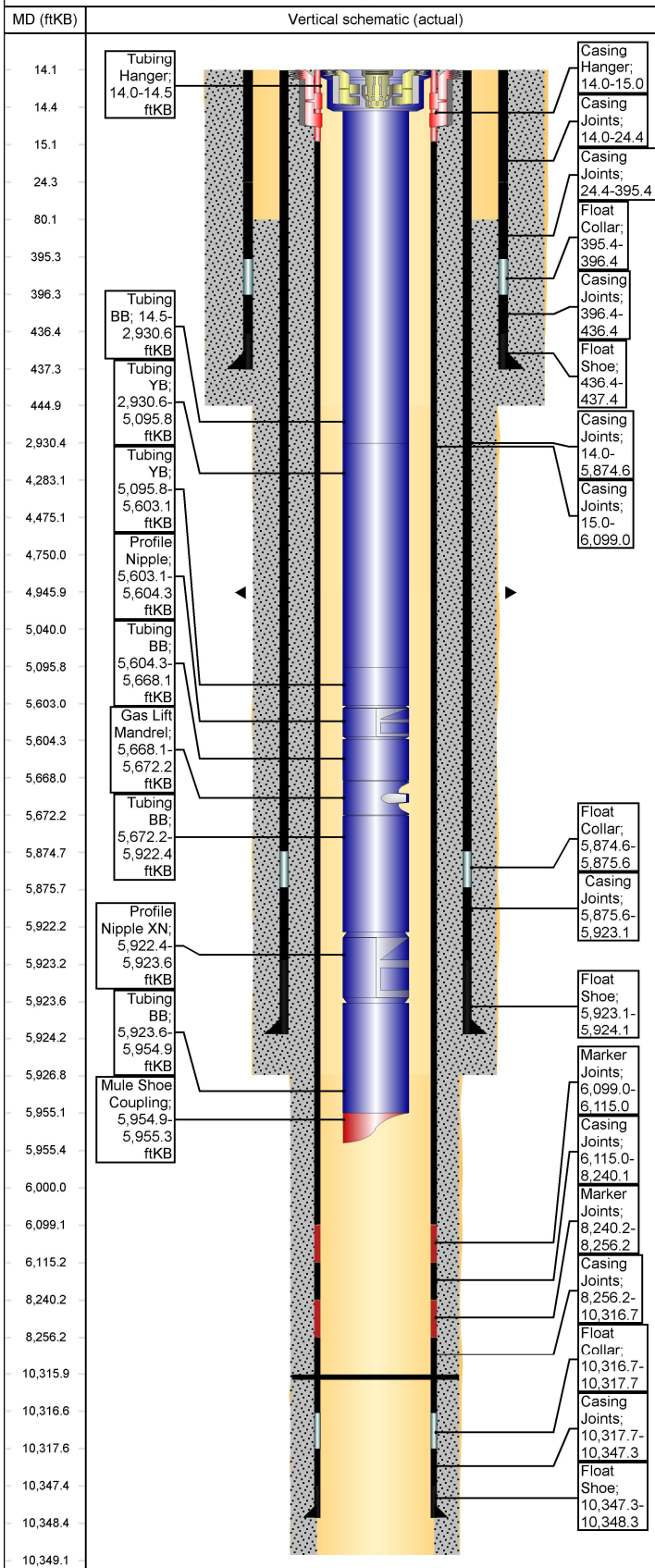
Description	String	Cementing Start Date	Cementing End Date
Production Cement	Production Casing - 4-1/2", 10,348.3ftKB	2/17/2013 00:00	2/17/2013 06:00

Cement Stages

Stg #	Top (ftKB)	Btm (ftKB)	Com
1	14.0	10,349.0	408 sx cmt

WellView®**Wellbore Schematic - Components and Cement****Well Name: LYBROOK 2408-32P 114H (FKA CHACO)**

Horizontal, ST2 - Production Hole, 6/30/2023 11:16:13 AM

**Wellbores****ST2 - Production Hole**Wellbore Name
ST2 - Production HoleParent Wellbore
Original Hole**Wellbore Sections**

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Intermediate Hole	8 3/4	4,946.0	5,927.0
Production Hole	6 1/8	5,927.0	10,349.0

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 239104

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 239104
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/5/2025