

Well Name: W LYBROOK UNIT	Well Location: T23N / R9W / SEC 27 / NENW / 36.201957 / -107.7768	County or Parish/State: SAN JUAN / NM
Well Number: 830H	Type of Well: OIL WELL	Allottee or Tribe Name: WESTERN NAVAJO
Lease Number: NMNM118731	Unit or CA Name:	Unit or CA Number: NMNM135216A
US Well Number: 3004535814	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2685817

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 08/04/2022	Time Sundry Submitted: 03:19
Date Operation Actually Began: 07/28/2022	

Actual Procedure: Enduring Resources performed a drillout and initial gas lift installation. An updated well schematic is attached. EOT: 4340' MD Packer: 4268' MD GLVs: 2091', 2913', 3607' MD Orifice Valve: 4229' MD Job Start: 07.28.2022 Job End: 07.30.2022

SR Attachments

Actual Procedure

W._LYBROOK_830H___Production_WBD_08032022_20220804151739.pdf

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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: AUG 04, 2022 03:18 PM

Name: ENDURING RESOURCES LLC

Title: Permitting Technician

Street Address: 200 Energy Court

City: Farmington

State: 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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 08/12/2022

Signature: Kenneth Rennick

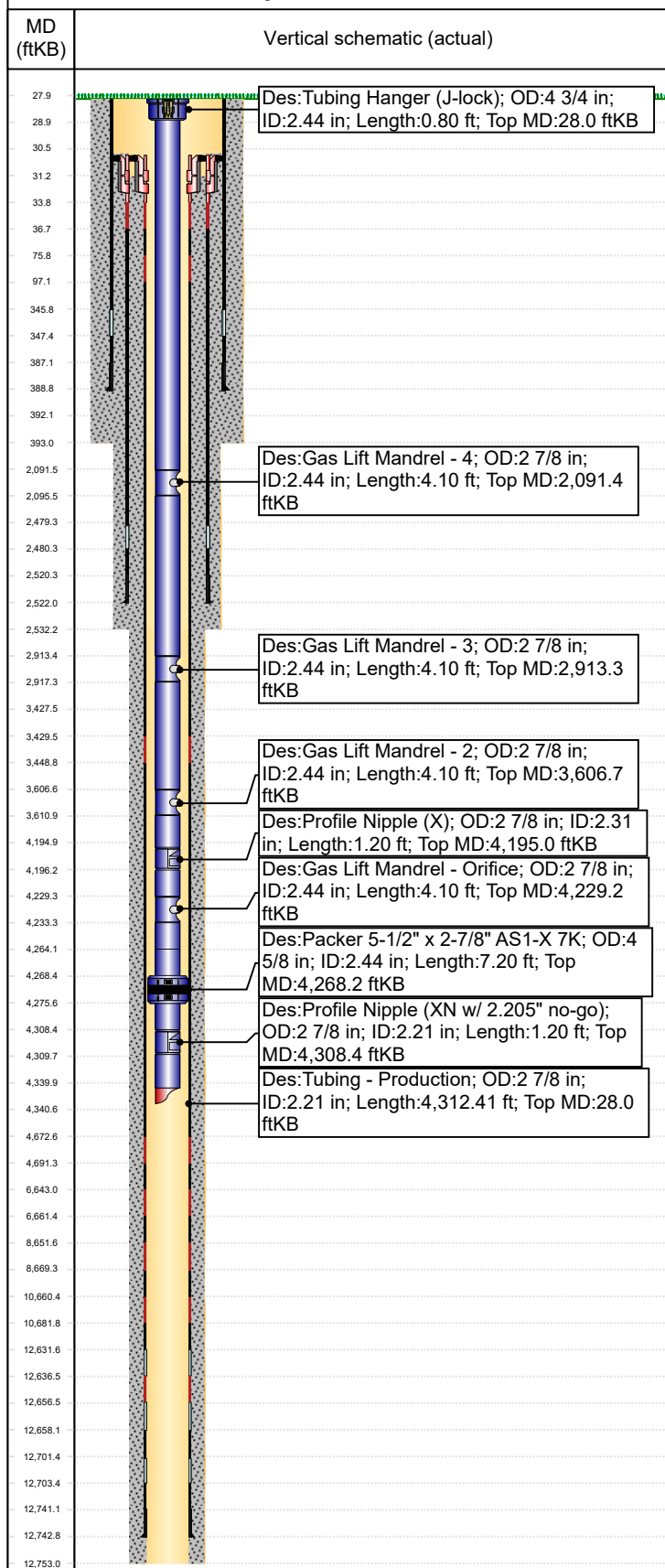


Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 830H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-045-35814	Surface Legal Location (UNIT C), NE/4, NW/4, SECTION 27, T23...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,669.00	KB-Tubing Head Distance (ft)	Spud Date 2/7/2022 09:30	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,167.5

Horizontal, Original Hole, 8/3/2022 11:19:50 AM


Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface	17 1/2	28.0	28.0	393.0	393.0
Intermediate	12 1/4	393.0	393.0	2,532.0	2,467.9
Production	8 1/2	2,532.0	2,467.9	12,753.0	4,167.5

Rod Strings

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

Tubing - Production set at 4,340.4ftKB on 7/30/2022 12:00

Tubing Description	Run Date			String Length (ft)			Set Depth (ftKB)	
Tubing - Production	7/30/2022			4,312.41			4,340.4	
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger (J-lock)	1			4 3/4	2.44	0.80	28.0	28.8
Tubing	63	L-80	6.50	2 7/8	2.44	2,062.58	28.8	2,091.4
Gas Lift Mandrel - 4	1			2 7/8	2.44	4.10	2,091.4	2,095.5
Tubing	25	L-80	6.50	2 7/8	2.44	817.83	2,095.5	2,913.3
Gas Lift Mandrel - 3	1			2 7/8	2.44	4.10	2,913.3	2,917.4
Tubing	21	L-80	6.50	2 7/8	2.44	689.29	2,917.4	3,606.7
Gas Lift Mandrel - 2	1			2 7/8	2.44	4.10	3,606.7	3,610.8
Tubing	18	L-80	6.50	2 7/8	2.44	584.22	3,610.8	4,195.0
Profile Nipple (X)	1			2 7/8	2.31	1.20	4,195.0	4,196.2
Tubing	1	L-80	6.50	2 7/8	2.44	33.00	4,196.2	4,229.2
Gas Lift Mandrel - Orifice	1			2 7/8	2.44	4.10	4,229.2	4,233.3
Tubing	1	L-80	6.50	2 7/8	2.44	30.73	4,233.3	4,264.1
Tubing (pup jt)	1	L-80	6.50	2 7/8	2.44	4.20	4,264.1	4,268.3
Packer 5-1/2" x 2-7/8" AS1-X 7K	1		2.44	4 5/8	2.44	7.20	4,268.3	4,275.5
Tubing	1	L-80	6.50	2 7/8	2.44	32.97	4,275.5	4,308.4
Profile Nipple (XN w/ 2.205" no-go)	1			2 7/8	2.21	1.20	4,308.4	4,309.6
Tubing	1	L-80	6.50	2 7/8	2.44	30.39	4,309.6	4,340.0
Half Mule Shoe (without pump-out-plug)	1			2 7/8	2.44	0.40	4,340.0	4,340.4

Surface, 388.9ftKB

OD (in) 13 3/8	Wt/Len (lb/ft) 54.50	String Grade J-55	Top Connection Buttress Thread	Top (ftKB) 28.0	Set Depth (ftKB) 388.9	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			8	317.76	28.0	345.8
Float Collar			1	1.62	345.8	347.4
Casing Joints			1	39.65	347.4	387.1
Float Shoe			1	1.84	387.1	388.9

Intermediate, 2,522.1ftKB

OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C	Top (ftKB) 30.6	Set Depth (ftKB) 2,522.1	
Item Des			Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints			0	0.00	30.6	30.6
Landing Joint			0	0.00	30.6	30.6
Casing Hanger			1	3.20	30.6	33.8
Casing Pup Joint			1	3.00	33.8	36.8



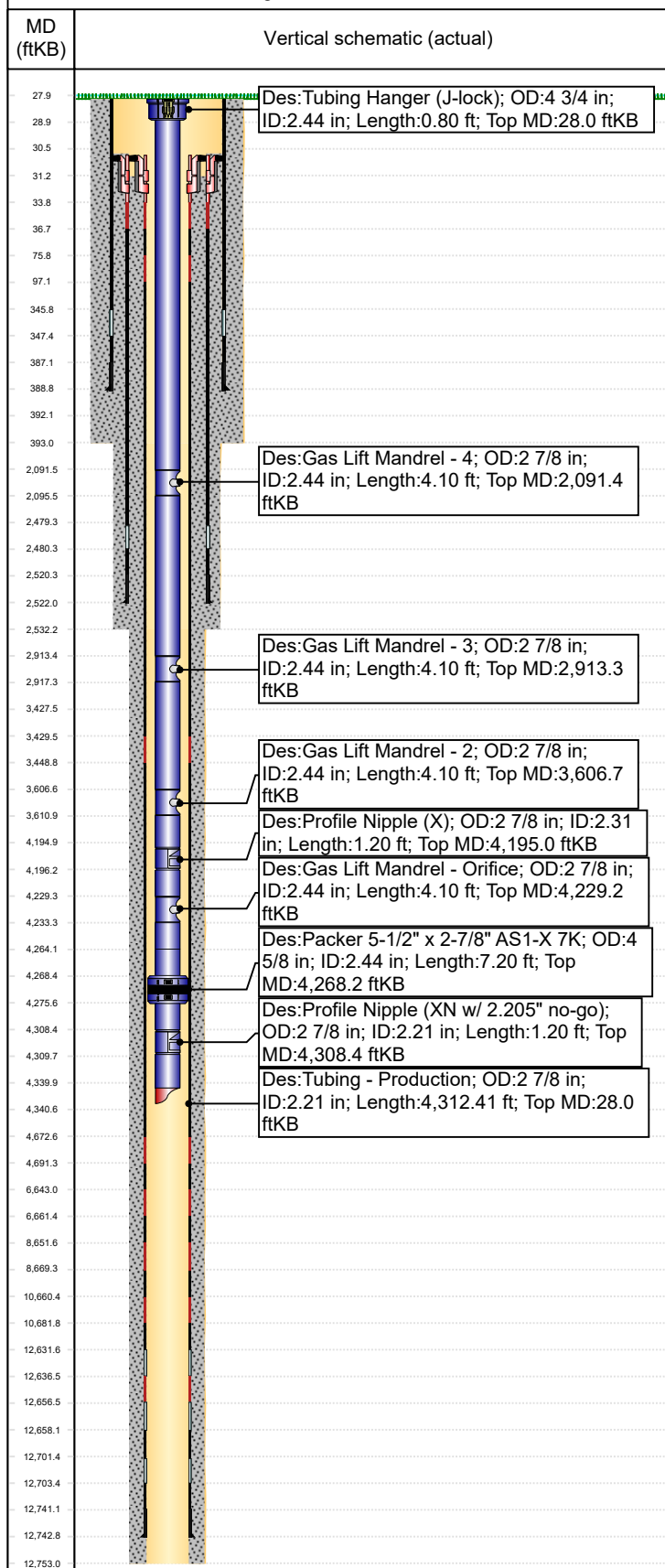
Enduring Resources IV - Production WBD

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Horizontal, Original Hole, 8/3/2022 11:19:52 AM



Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	61	2,442.65	36.8	2,479.5
Float Collar	1	1.00	2,479.5	2,480.5
Casing Joints	1	39.73	2,480.5	2,520.2
Float Shoe	1	1.90	2,520.2	2,522.1

Production, 12,742.8ftKB

OD (in) 5 1/2	WT/Len (lb/ft) 17.00	String Grade P-110	Top Connection LT&C	Top (ftKB) 30.6	Set Depth (ftKB) 12,742.8
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Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	0	0.00	30.6	30.6
Landing Joint	0	0.00	30.6	30.6
Casing Hanger	1	3.20	30.6	33.8
Casing Pup Joint	1	3.00	33.8	36.8
Casing Joints	1	38.81	36.8	75.6
Marker Joint	1	21.45	75.6	97.1
Casing Joints	82	3,330.50	97.1	3,427.6
Air Lock	1	1.92	3,427.6	3,429.5
Marker Joint	1	19.41	3,429.5	3,448.9
Casing Joints	29	1,223.50	3,448.9	4,672.4
Marker Joint	1	18.69	4,672.4	4,691.1
Casing Joints	47	1,952.09	4,691.1	6,643.2
Marker Joint	1	18.30	6,643.2	6,661.5
Casing Joints	49	1,990.11	6,661.5	8,651.6
Marker Joint	1	17.83	8,651.6	8,669.4
Casing Joints	48	1,990.89	8,669.4	10,660.3
Marker Joint	1	21.29	10,660.3	10,681.6
Casing Joints	48	1,949.92	10,681.6	12,631.5
Toe Sleeve	1	5.10	12,631.5	12,636.6
Marker Joint	1	19.71	12,636.6	12,656.4
Float Collar	1	1.90	12,656.4	12,658.3
Casing Joints	1	43.34	12,658.3	12,701.6
Float Collar	1	1.90	12,701.6	12,703.5
Casing Joints	1	37.68	12,703.5	12,741.2
Float Shoe	1	1.63	12,741.2	12,742.8

Cement

Description Surface Casing Cement	Cementing Start Date 2/9/2022	Cementing End Date 2/9/2022
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Comment
PJSM , Test Lines , Pumped 10 bbl Fresh Water , 10 bbl Sapp Sweep , 10 bbl Fresh Water Spacer , Pumped 86 bbl Type III Cement , Dropped Plug , Displaced with 49.3 bbl Water , Bumped Plug On Time , Checked Float , Float Held , Bled Back 2 bbl , 49 bbl Cement Back To Surface

Description Intermediate Casing Cement	Cementing Start Date 3/19/2022	Cementing End Date 3/19/2022
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Comment
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: 178.3 bbls (468 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft3/sk, 12.05 gal H2O/sk. Pumped Tail Cement: 33.4 bbls (136 sx) Type III Blend at 14.6 ppg, 1.38 ft3/sk, 6.64 gal H2O/sk. Dropped plug & began displacement. Displaced with 188 bbls FW. FCP at 1021 psi Bumped Plug at 1,900 psi 10 bbls early. Floats did not hold Shut in with 1500 psi. Maintained returns throughout job. Calculated -- bbls to surface and got -- bbls of good cement to surface. Top of Lead to surface and top of tail at --- ft MD. Released Rig @ 10:00 3/15/2022 to the W. Lybrook Unit 730 H. (Cement 11:30 Hour's To 14:22 Hour's on -3/15/2022)

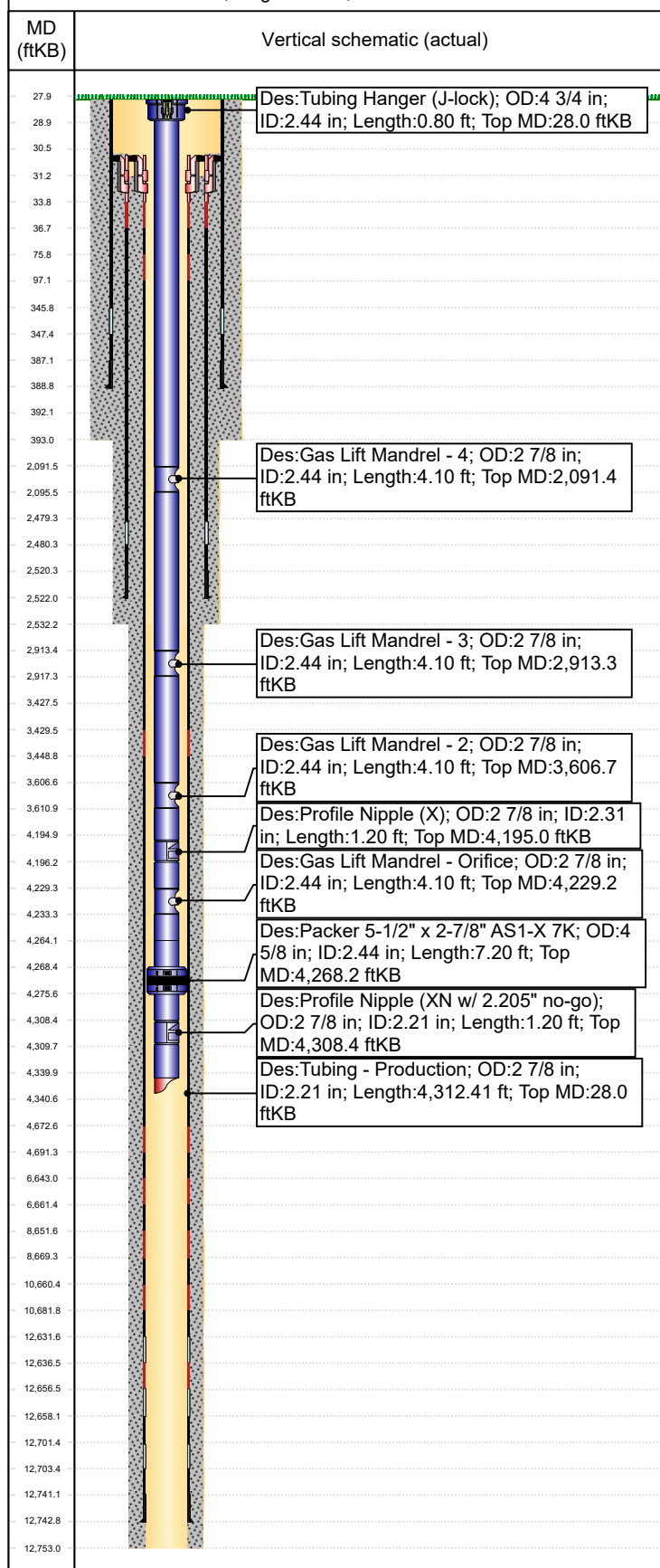


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Horizontal, Original Hole, 8/3/2022 11:19:53 AM



Cement

Description Production Casing Cement	Cementing Start Date 4/5/2022	Cementing End Date 4/5/2022
Comment Cement Summary: PJSM with American Cementing. Pressure tested lines to 5000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 194. bbls (462 sx) ASTM Type I/II at 12.4 ppg, 2.36 ft ³ /sk, 13.4 gal H ₂ O/sk. Pumped Tail Cement: 410 bbls (1476sx) Class G Cement at 13.3 ppg, 1.56 ft ³ /sk, 7.7 gal H ₂ O/sk. Washed lines, dropped plug & began displacement. Displaced with 293 bbls FW with cement retarder in 1st 50 bbls. FCP at 1,648 psi Bump Plug at 4.0 bpm to 1,864 psi. Bled back 3 Bbls and floats held. Top of Tail: Calculated 2,706 ft MD. ToF of Lead: surface Cement Back 60- BBL, Calculated Back 68- bbl's Cement in place at 15:00- on 4/5/2022		

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 135162

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 135162
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	12/18/2025