

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
CASING MECHANICAL INTEGRITY TEST**

Form U-7
August 2019

Disposal: ☐ Enhanced Recovery: ☒ KCC District No.: 2
Operator License No.: 35191 Name: Buffalo Oil & Gas, LLC
Address 1: 102 S. RIVER ROAD
Address 2: PO BOX 6
City: OXFORD State: KS Zip: 67119 + 0006
Contact Person: William Short Phone: (620) 218-1809

API No.: 15-191-01230-00-02 Permit No.: E26465.1
SW - SW - SW - NW Sec. 18 Twp. 32 S. R. 1 ☐ East ☒ West
2920 Feet from ☐ North / ☒ South Line of Section
4982 Feet from ☒ East / ☐ West Line of Section
Lease: O HARA Well No.: 6
County: Sumner

Well Construction Details: ☐ New well ☒ Existing well with changes to construction ☐ Existing well with no changes to construction

Maximum Authorized Injection Pressure: 200 psi Maximum Injection Rate: 500 bbl/d

	<i>Conductor</i>	<i>Surface</i>	<i>Intermediate</i>	<i>Production</i>	<i>Liner</i>		<i>Tubing</i>
Size:	<u>NA</u>	<u>8.625</u>	<u>NA</u>	<u>5.5</u>	<u>NA</u>	Size:	<u>2.875</u>
Set at:		<u>410</u>		<u>3345</u>		Set at:	<u>3226</u>
Sacks of Cement:		<u>300</u>		<u>200</u>		Type:	<u>Rice DuoLine</u>
Cement Top:		<u>0</u>		<u>2346</u>			
Cement Bottom:		<u>410</u>		<u>3345</u>			

Packer Type: Arrow Set at: 2760

☐ DV Tool ☐ Port Collar Depth of: _____ feet with _____ sacks of cement TD (and plug back): 3346 feet depth

Zone of Injection Formation: STALNAKER Top Feet: 2790 Bottom Feet: 2844 Perf. or Open Hole: Perf

Is there a Chemical Sealant or a Mechanical Casing patch in the annular space? ☐ Yes ☒ No

If Dual Completion - Injection is: ☐ Above Production ☐ Below Production

FIELD DATA

GPS Location: Datum: ☐ NAD27 ☒ NAD83 ☐ WGS84 Lat: 37.26665 Long: -97.47466 Date Acquired: 07/06/2020

MIT Type: Tubing and Packer (or Initial Pressure) Test MIT Reason: 5-YEAR TEST

Time in Minute(s):	<u>10</u>	<u>20</u>	<u>30</u>			
Pressures: Set up 1	<u>310</u>	<u>310</u>	<u>310</u>			
Set up 2						
Set up 3						

Tested: ☐ Casing ☒ or Casing - Tubing Annulus System Pressure during test: _____ Bbls. to load annulus: _____

Test Date: 07/06/2020 Using: Buffalo Oil & Gas LLC Company's Equipment

The zone tested for this well is between 2790 feet and 2844 feet.

The test results were verified by operator's representative:

Name: Don Short Title: Owner Phone: (620) 218-1809

KCC Office Use Only

The results were:

☒ Satisfactory
☐ Not Satisfactory

Next MIT: 07/05/2025

State Agent: Steve VanGieson Title: E.C.R.S. Witness: ☒ Yes ☐ No

Remarks: _____