

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>		<u>2.875</u>
Set at:		<u>410</u>		<u>3345</u>			<u>3226</u>
Sacks of Cement:		<u>300</u>		<u>200</u>			<u>Rice Duo Line</u>
Cement Top:		<u>0</u>		<u>2346</u>			
Cement Bottom:		<u>410</u>		<u>3345</u>			

Packer Type: Baker AD-1 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: 90-DAY RETEST - FAILURE

Time in Minute(s):	<u>0</u>	<u>15</u>	<u>30</u>			
Pressures: Set up 1	<u>400</u>	<u>400</u>	<u>400</u>			
Set up 2						
Set up 3						

Tested: ☐ Casing ☒ or Casing - Tubing Annulus System Pressure during test: 0 Bbls. to load annulus: 1

Test Date: 11/12/2025 Using: Maxidize Company's Equipment

The zone tested for this well is between 0 feet and 3226 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: 11/11/2030

State Agent: Neil Lake Title: E.C.R.S. Witness: ☒ Yes ☐ No

Remarks: Well was pressured up to 400 psi and held adequately for duration of test. Well was depressurized after test to 0 psig. 90 day re-test due to MIT failure; operator replaced top 3 jts of tbg.