

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

TEMPORARY ABANDONMENT WELL APPLICATION

OPERATOR: License# \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address 1: \_\_\_\_\_  
 Address 2: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
 Contact Person: \_\_\_\_\_  
 Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
 Contact Person Email: \_\_\_\_\_  
 Field Contact Person: \_\_\_\_\_  
 Field Contact Person Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

API No. 15- \_\_\_\_\_  
 Spot Description: \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W  
 \_\_\_\_\_ feet from  N /  S Line of Section  
 \_\_\_\_\_ feet from  E /  W Line of Section  
 GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)  
 Datum:  NAD27  NAD83  WGS84  
 County: \_\_\_\_\_ Elevation: \_\_\_\_\_  GL  KB  
 Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_  
 Well Type: (check one)  Oil  Gas  OG  WSW  Other: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  ENHR Permit #: \_\_\_\_\_  
 Gas Storage Permit #: \_\_\_\_\_  
 Spud Date: \_\_\_\_\_ Date Shut-In: \_\_\_\_\_

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size						
Setting Depth						
Amount of Cement						
Top of Cement						
Bottom of Cement						

Casing Fluid Level from Surface: \_\_\_\_\_ How Determined? \_\_\_\_\_ Date: \_\_\_\_\_  
 Casing Squeeze(s): \_\_\_\_\_ to \_\_\_\_\_ w / \_\_\_\_\_ sacks of cement, \_\_\_\_\_ to \_\_\_\_\_ w / \_\_\_\_\_ sacks of cement. Date: \_\_\_\_\_  
(top) (bottom) (top) (bottom)  
 Do you have a valid Oil & Gas Lease?  Yes  No  
 Depth and Type:  Junk in Hole at \_\_\_\_\_  Tools in Hole at \_\_\_\_\_ Casing Leaks:  Yes  No Depth of casing leak(s): \_\_\_\_\_  
(depth) (depth)  
 Type Completion:  ALT. I  ALT. II Depth of:  DV Tool: \_\_\_\_\_ w / \_\_\_\_\_ sacks of cement  Port Collar: \_\_\_\_\_ w / \_\_\_\_\_ sack of cement  
(depth) (depth)  
 Packer Type: \_\_\_\_\_ Size: \_\_\_\_\_ Inch Set at: \_\_\_\_\_ Feet  
 Total Depth: \_\_\_\_\_ Plug Back Depth: \_\_\_\_\_ Plug Back Method: \_\_\_\_\_

**Geological Data:**

Formation Name	Formation Top	Formation Base	Completion Information
1. _____	At: _____	to _____ Feet	Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet
2. _____	At: _____	to _____ Feet	Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet

UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

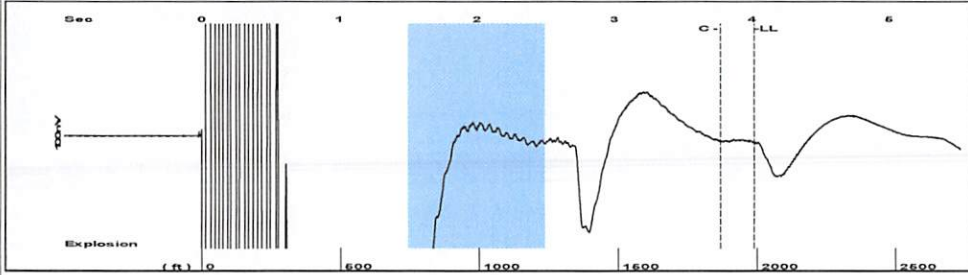
Submitted Electronically

<b>Do NOT Write in This Space - KCC USE ONLY</b>	Date Tested: _____	Results: _____	Date Plugged: _____	Date Repaired: _____	Date Put Back in Service: _____
	Review Completed by: _____ Comments: _____				
TA Approved: <input type="checkbox"/> Yes <input type="checkbox"/> Denied Date: _____					

Mail to the Appropriate KCC Conservation Office:

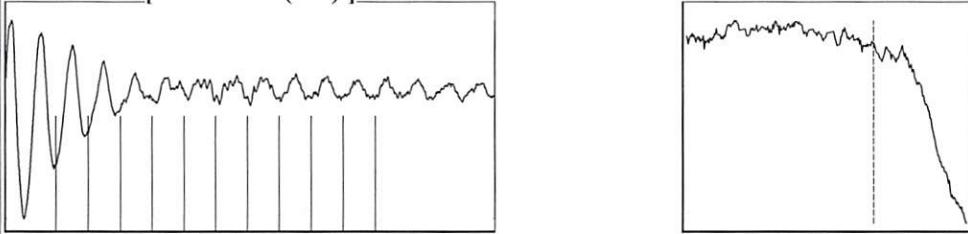
	KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.682.7933
	KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.337.7400
	KCC District Office #3 - 137 E. 21st St., Chanute, KS 66720	Phone 620.902.6450
	KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651	Phone 785.261.6250

Group: Buffalo Oil & Gas LL Well: Buerki #5 (acquired on: 07/27/22 13:17:39 )



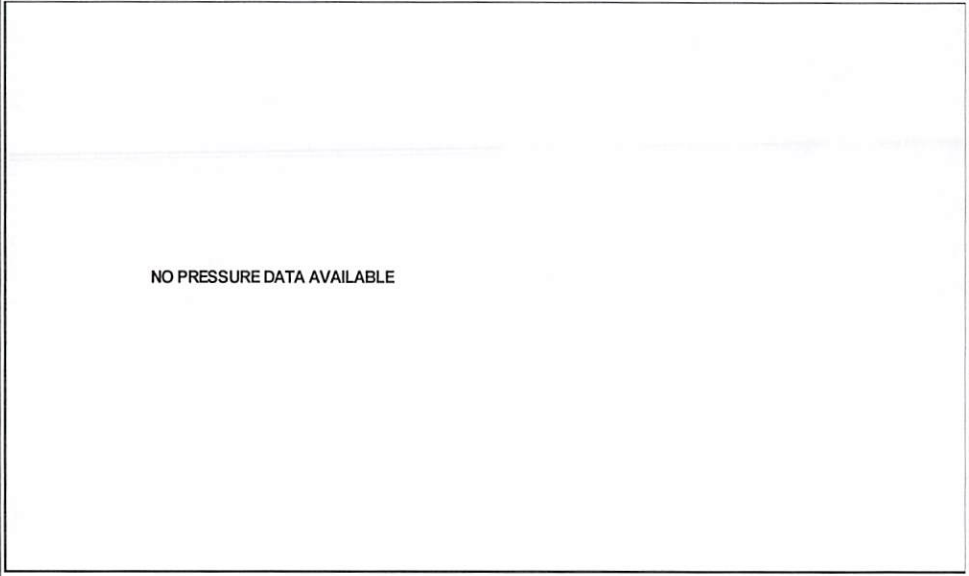
Filter Type High Pass Automatic Collar Count Yes Time 4.014 sec  
 Manual Acoustic Velo 969.419 ft/s Manual JTS/sec 15.2905 Joints 62.7188 Jts  
 Depth 1988.18 ft

[ 1.5 to 2.5 (Sec) ]



Analysis Method: Automatic

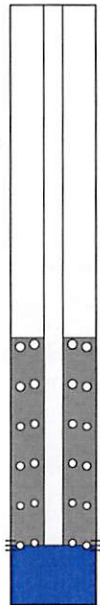
Group: Buffalo Oil & Gas LL Well: Buerki #5 (acquired on: 07/27/22 13:17:39 )



Change in Pressure 0.01 psi PT14803  
 Range 0 - ? psi  
 Change in Time 1.00 min

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Production Current Potential Casing Pressure -2.9 psi (g)  
 Oil - \* - BBL/D Casing Pressure Buildup 1.00 min  
 Water - \* - BBL/D Gas/Liquid Interface Pressure 0.010 psi  
 Gas - \* - Mscf/D -2.1 psi (g)  
 IPR Method Vogel  
 PBHP/SBHP - \* -  
 Production Efficiency 0.0  
 Oil 40 deg.API Liquid Level Depth 1988.18 ft  
 Water 1.05 Sp.Gr.H2O Pump Intake Depth 3500.00 ft  
 Gas 0.98 Sp.Gr.AIR Formation Depth 3500.00 ft  
 Acoustic Velocity 990.625 ft/s

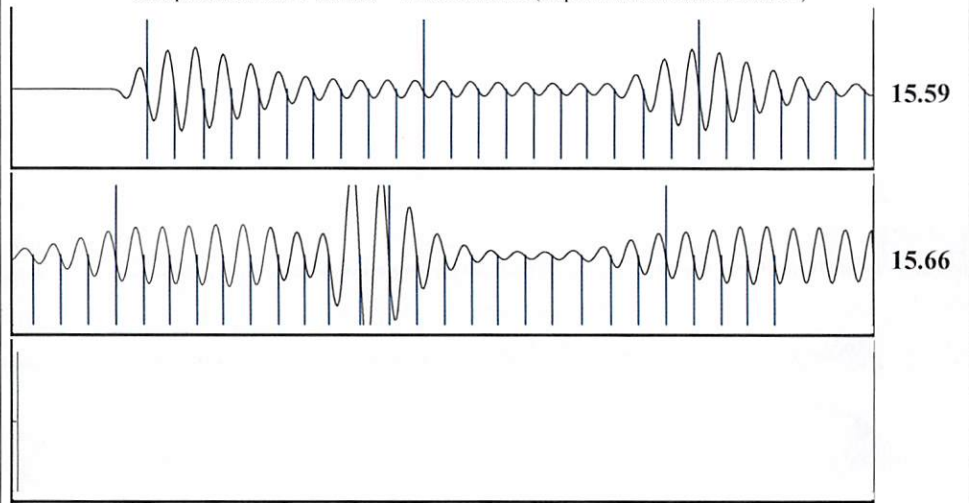


Producing  
 Annular Gas Flow 0 Mscf/D  
 % Liquid 100 %  
 Pump Intake 507.5 psi (g)  
 Producing BHP 507.5 psi (g)  
 Static BHP - \* - psi (g)

Formation Submergence  
 Total Gaseous Liquid Column HT (TVD) 1512 ft  
 Equivalent Gas Free Liquid HT (TVD) 1512 ft

Acoustic Test

Group: Buffalo Oil & Gas LL Well: Buerki #5 (acquired on: 07/27/22 13:17:39 )



Acoustic Velocity 990.625 ft/s Joints counted 54  
 Joints Per Second 15.625 jts/sec Joints to liquid level 62.7188  
 Depth to liquid level 1988.18 ft Filter Width 13.2905 17.2905  
 Automatic Collar Count Yes Time to 1st Collar 0.312 3.768

Conservation Division  
District Office No. 2  
3450 N. Rock Road  
Building 600, Suite 601  
Wichita, KS 67226



Phone: 316-337-7400  
Fax: 316-630-4005  
<http://kcc.ks.gov/>

Dwight D. Keen, Chair  
Susan K. Duffy, Commissioner  
Andrew J. French, Commissioner

Laura Kelly, Governor

August 01, 2022

Don Short  
Buffalo Oil & Gas, LLC  
102 S. RIVER ROAD  
PO BOX 6  
OXFORD, KS 67119-0006

Re: Temporary Abandonment  
API 15-173-20219-00-00  
BUERKI 5  
NE/4 Sec.02-28S-02W  
Sedgwick County, Kansas

Dear Don Short:

"Your temporary abandonment (TA) application for the well listed above has been approved. In accordance with K.A.R. 82-3-111 the TA status of this well will expire 08/01/2023.

- \* If you return this well to service or plug it, please notify the District Office.
- \* If you sell this well you are required to file a Transfer of Operator form, T-1.
- \* If the well will remain temporarily abandoned, you must submit a new TA application, CP-111, before 08/01/2023.

You may contact me at the number above if you have questions.

Very truly yours,

Dan Fox"