

**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

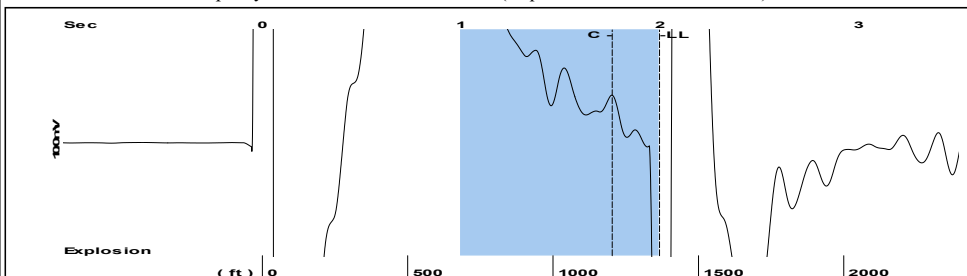
~~UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE~~

**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: _____					

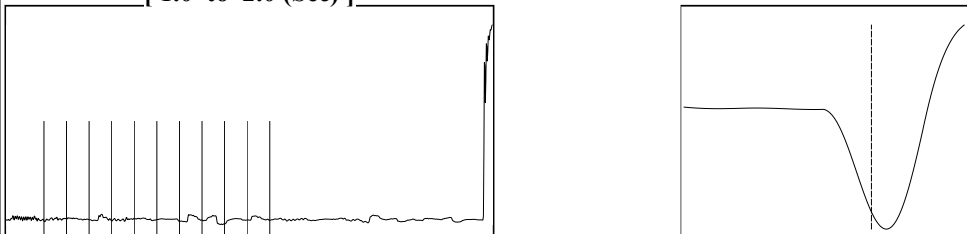
**Mail to the Appropriate KCC Conservation Office:**

	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

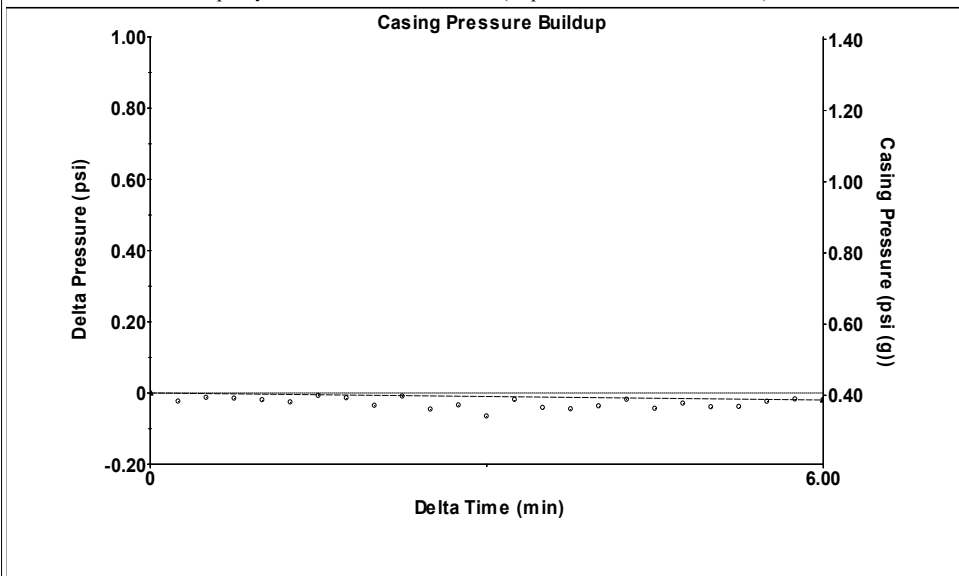


Filter Type High Pass Automatic Collar Count Yes Time 1.998 sec  
 Manual Acoustic Veloc 1366.38 ft/s Manual JTS/sec 21.5517 Joints 43.0836 Jts  
 Depth 1365.75 ft

[ 1.0 to 2.0 (Sec) ]



**Analysis Method: Automatic**



Change in Pressure -0.02 psi PT16854  
 Change in Time 6.00 min Range 0 - ? psi

<b>Production</b>	<b>Potential</b>	<b>Casing Pressure</b>	<b>Producing</b>
Oil - *-	- *- BBL/D	0.4 psi (g)	Annular Gas Flow - *- Mscf/D
Water - *-	- *- BBL/D	Casing Pressure Buildup -0.0 psi	% Liquid 100 %
Gas - *-	- *- Mscf/D	6.00 min	
IPR Method	Vogel	Gas/Liquid Interface Pressure 0.9 psi (g)	
PBHP/SBHP - *-		Liquid Level Depth 1365.75 ft	
Production Efficiency 0.0		Tubing Intake Depth - *- ft	
Oil 40 deg.API		Formation Depth 3800.00 ft	
Water 1.05 Sp.Gr.H2O			
Gas 0.63 Sp.Gr.AIR			
Acoustic Velocity 1367.12 ft/s			
Formation Submergence			
Total Gaseous Liquid Column HT (TVD) 2434 ft			
Equivalent Gas Free Liquid HT (TVD) 2434 ft			
9-29-22			

21.56

Acoustic Velocity 1367.12 ft/s	Joints counted 32
Joints Per Second 21.5633 jts/sec	Joints to liquid level 43.0836
Depth to liquid level 1365.75 ft	Filter Width 19.5517 23.5517
Automatic Collar Count Yes	Time to 1st Collar 0.276 1.76

Conservation Division  
District Office No. 4  
2301 E. 13th Street  
Hays, KS 67601-2651



Phone: 785-261-6250  
Fax: 785-625-0564  
<http://kcc.ks.gov/>

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

Laura Kelly, Governor

October 24, 2022

Zach patterson  
Patterson Energy LLC  
PO BOX 400  
HAYS, KS 67601-0400

Re: Temporary Abandonment  
API 15-163-23371-00-00  
MARCOTTE 33-1  
NE/4 Sec.33-09S-20W  
Rooks County, Kansas

Dear Zach patterson:

"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 10/24/2023.

- \* 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 10/24/2023.

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

Very truly yours,

RICHARD WILLIAMS"