

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

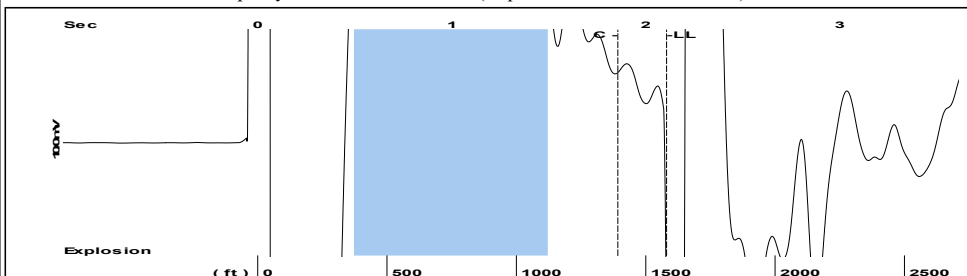
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Submitted Electronically

Do NOT Write in This Space - KCC USE ONLY	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: _____					

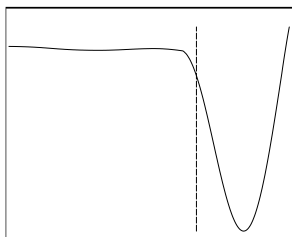
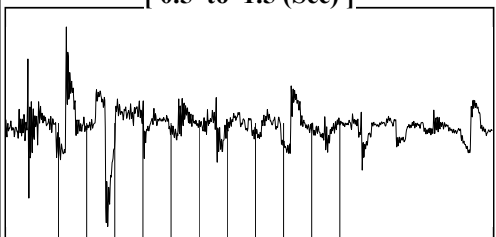
Mail to the Appropriate KCC Conservation Office:

	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

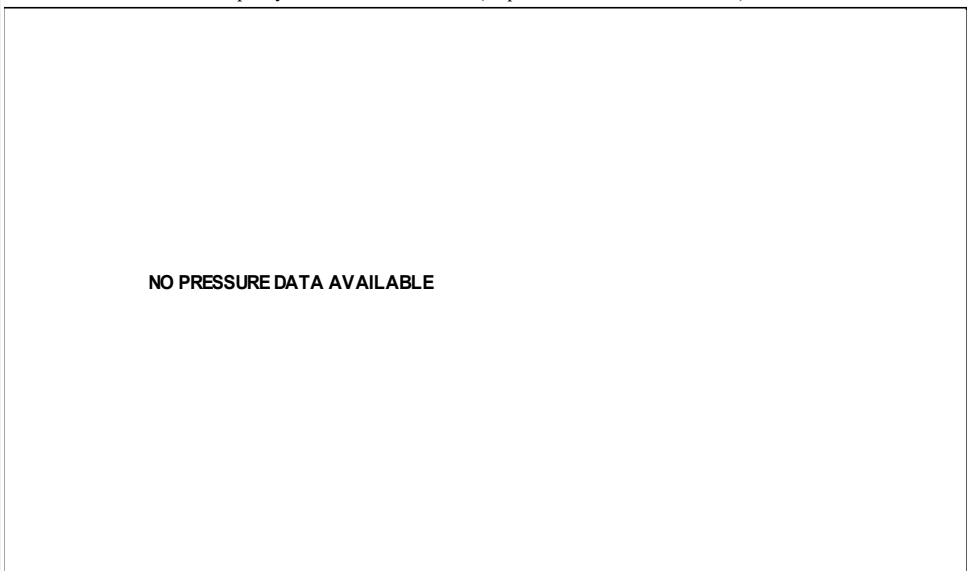


Filter Type High Pass Automatic Collar Count Yes Time 2.107 sec
 Manual Acoustic Veloc 1453.29 ft/s Manual JTS/sec 17.301 Joints 37.625 Jts
 Depth 1580.25 ft

[0.5 to 1.5 (Sec)]

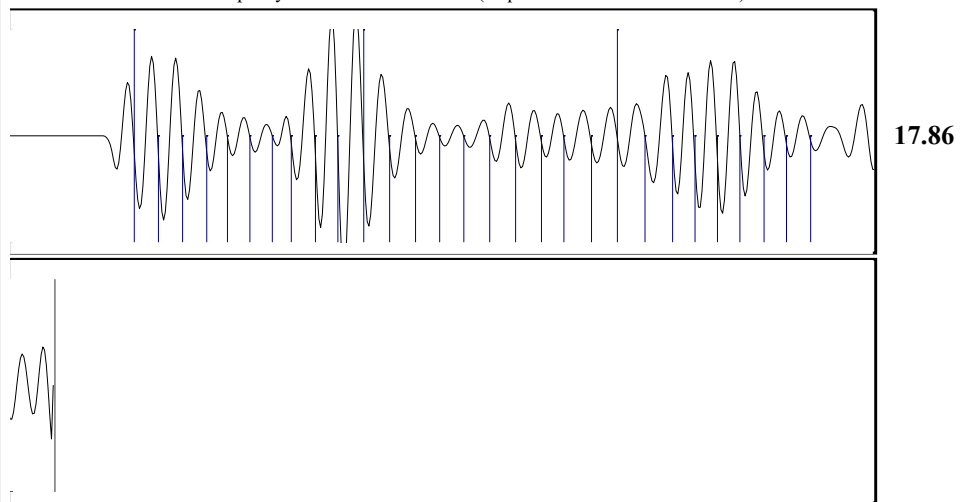


Analysis Method: Automatic



Change in Pressure 1541.29 psi PT16854
 Range 0 - ? psi
 Change in Time 1.50 min

<p>Production Current Potential</p> <p>Oil - * - BBL/D</p> <p>Water - * - BBL/D</p> <p>Gas - * - Mscf/D</p> <p>IPR Method Vogel</p> <p>PBHP/SBHP - * -</p> <p>Production Efficiency 0.0</p> <p>Oil 40 deg.API</p> <p>Water 1.05 Sp.Gr.H2O</p> <p>Gas 0.55 Sp.Gr.AIR</p> <p>Acoustic Velocity 1500 ft/s</p> <p>Formation Submergence</p> <p>Total Gaseous Liquid Column HT (TVD) 2450 ft</p> <p>Equivalent Gas Free Liquid HT (TVD) 458 ft</p> <p>11-3-22</p>	<p>Casing Pressure 0.3 psi (g)</p> <p>Casing Pressure Buildup 1541.3 psi</p> <p>1.50 min</p> <p>Gas/Liquid Interface Pressure 0.8 psi (g)</p> <p>Liquid Level Depth 1580.25 ft</p> <p>Tubing Intake Depth - * - ft</p> <p>Formation Depth 4030.00 ft</p>		<p>Producing</p> <p>Annular Gas Flow - * - Mscf/D</p> <p>% Liquid 19 %</p> <p>Tubing Intake - * - psi (g)</p> <p>Producing BHP 212.8 psi (g)</p> <p>Static BHP - * - psi (g)</p>
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Acoustic Velocity 1500 ft/s Joints counted 28
 Joints Per Second 17.8571 jts/sec Joints to liquid level 37.625
 Depth to liquid level 1580.25 ft Filter Width 15.301 19.301
 Automatic Collar Count Yes Time to 1st Collar 0.288 1.856

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

November 07, 2022

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

Re: Temporary Abandonment
API 15-195-21268-00-00
COTTON 4
NE/4 Sec.26-12S-21W
Trego County, Kansas

Dear Zach Patterson:

Your application for Temporary Abandonment (TA) for the above-listed well is denied for the following reasons(s):

High Fluid Level

Pursuant to K.A.R. 82-3-111, the well must be plugged, or returned to service, or obtain temporary abandonment status by 11/14/2022.

This deadline does NOT override any compliance deadline given to you in any Commission Order.

You may contact me if you have any questions.

Sincerely,
RICHARD WILLIAMS
KCC DISTRICT 4