

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

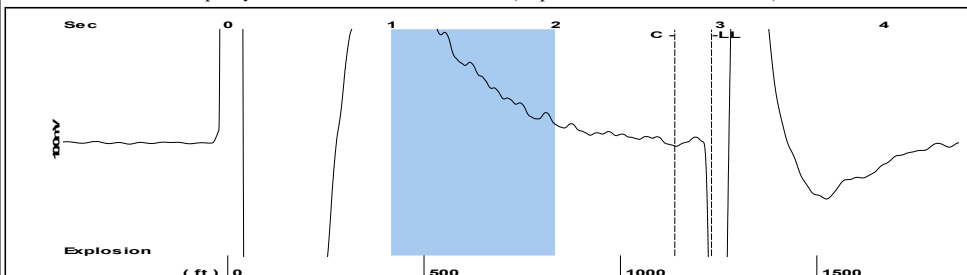
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

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: _____					

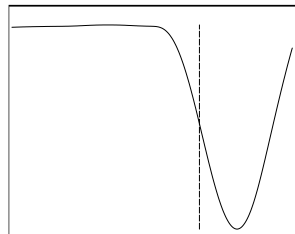
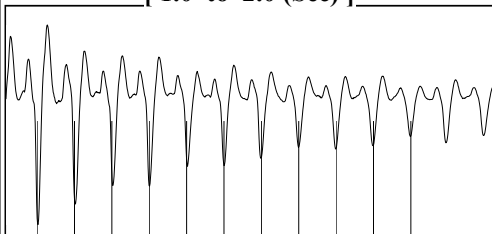
Mail to the Appropriate KCC Conservation Office:

	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

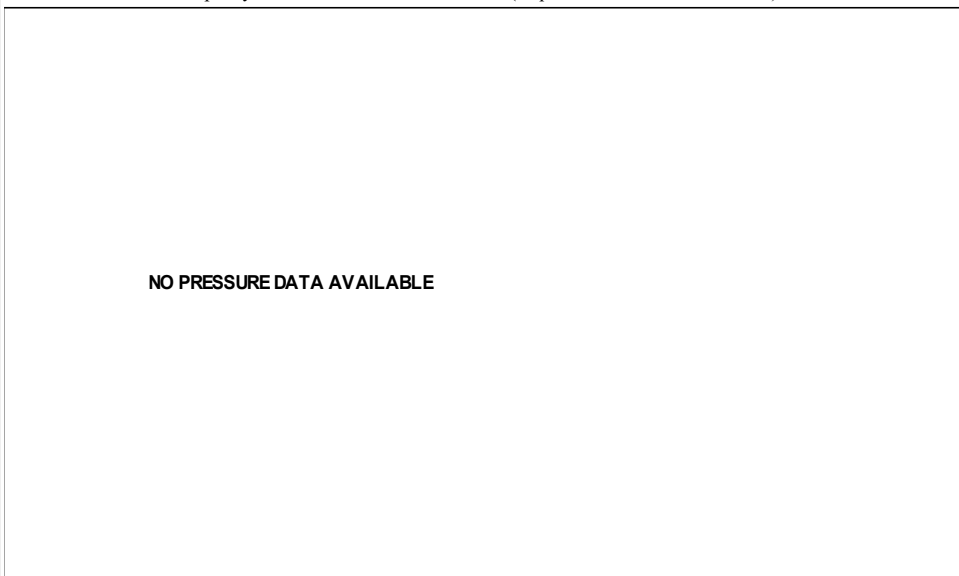


Filter Type High Pass Automatic Collar Count Yes Time 2.948 sec
 Manual Acoustic Veloc 825.521 ft/s Manual JTS/sec 13.0208 Joints 38.8534 Jts
 Depth 1231.65 ft

[1.0 to 2.0 (Sec)]

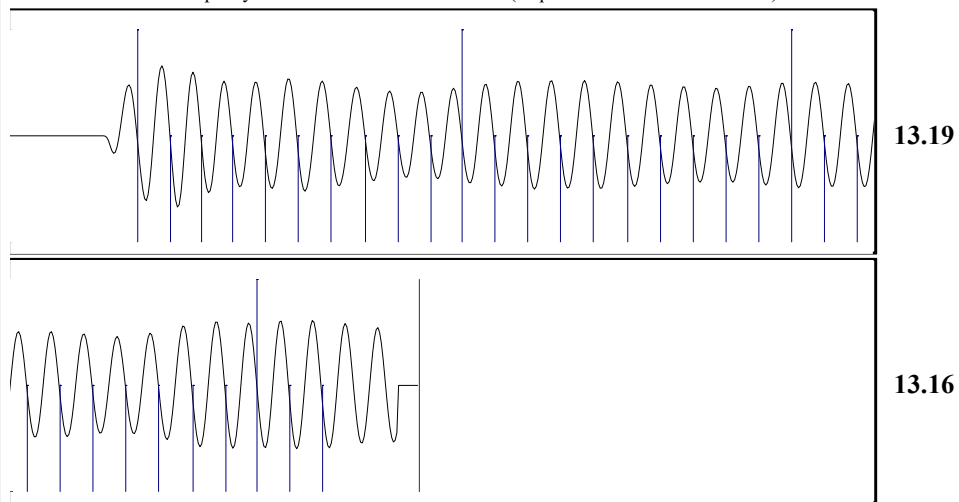


Analysis Method: Automatic



Change in Pressure 0.00 psi PT16854
 Range 0 - ? psi
 Change in Time 0.00 min

<p>Production</p> <table border="0"> <tr> <td>Current</td> <td>Potential</td> </tr> <tr> <td>Oil - * -</td> <td>- * - BBL/D</td> </tr> <tr> <td>Water - * -</td> <td>- * - BBL/D</td> </tr> <tr> <td>Gas - * -</td> <td>- * - Mscf/D</td> </tr> </table> <p>IPR Method Vogel PBHP/SBHP - * - Production Efficiency 0.0</p> <table border="0"> <tr> <td>Oil 40 deg.API</td> <td>Liquid Level Depth 1231.65 ft</td> </tr> <tr> <td>Water 1.05 Sp.Gr.H2O</td> <td>Pump Intake Depth 3876.00 ft</td> </tr> <tr> <td>Gas 1.12 Sp.Gr.AIR</td> <td>Formation Depth 4198.00 ft</td> </tr> </table> <p>Acoustic Velocity 835.585 ft/s</p> <p>Formation Submergence Total Gaseous Liquid Column HT (TVD) 2644 ft Equivalent Gas Free Liquid HT (TVD) 2644 ft</p> <p>4-17-23</p>	Current	Potential	Oil - * -	- * - BBL/D	Water - * -	- * - BBL/D	Gas - * -	- * - Mscf/D	Oil 40 deg.API	Liquid Level Depth 1231.65 ft	Water 1.05 Sp.Gr.H2O	Pump Intake Depth 3876.00 ft	Gas 1.12 Sp.Gr.AIR	Formation Depth 4198.00 ft		<p>Producing</p> <p>Casing Pressure 0.8 psi (g) Casing Pressure Buildup - * - psi Gas/Liquid Interface Pressure - * - min 1.6 psi (g)</p> <p>Annular Gas Flow 0 Mscf/D % Liquid 100 %</p> <p>Pump Intake 871.5 psi (g) Producing BHP 1017.9 psi (g) Static BHP - * - psi (g)</p>
Current	Potential															
Oil - * -	- * - BBL/D															
Water - * -	- * - BBL/D															
Gas - * -	- * - Mscf/D															
Oil 40 deg.API	Liquid Level Depth 1231.65 ft															
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Acoustic Velocity	835.585 ft/s	Joints counted	32
Joints Per Second	13.1796 jts/sec	Joints to liquid level	38.8534
Depth to liquid level	1231.65 ft	Filter Width	11.0208 15.0208
Automatic Collar Count	Yes	Time to 1st Collar	0.296 2.724

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



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

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

Laura Kelly, Governor

April 19, 2023

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

Re: Temporary Abandonment
API 15-063-21672-00-00
MISSOURI FLATS, NE UNIT 13
NW/4 Sec.22-14S-28W
Gove 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 05/19/2023.

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