

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: _____
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: _____

Table with 7 columns: Conductor, Surface, Production, Intermediate, Liner, Tubing. Rows include 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: _____
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): _____
Type Completion: ALT. I ALT. II Depth of: DV Tool: _____ w / _____ sacks of cement Port Collar: _____ w / _____ sack of cement
Packer Type: _____ Size: _____ Inch Set at: _____ Feet
Total Depth: _____ Plug Back Depth: _____ Plug Back Method: _____

Geological Date:

Table with 4 columns: Formation Name, Formation Top, Formation Base, Completion Information. Rows 1 and 2.

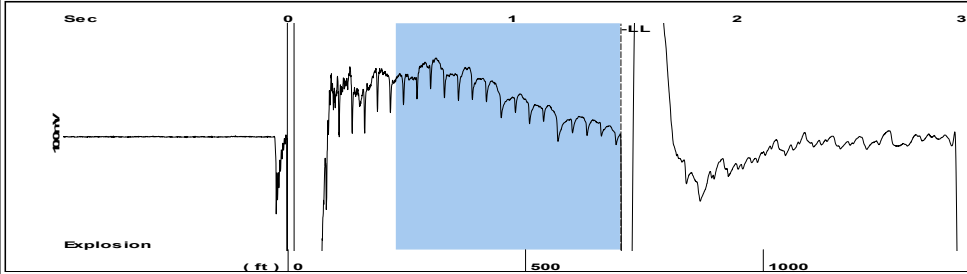
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

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: Yes Denied Date: _____

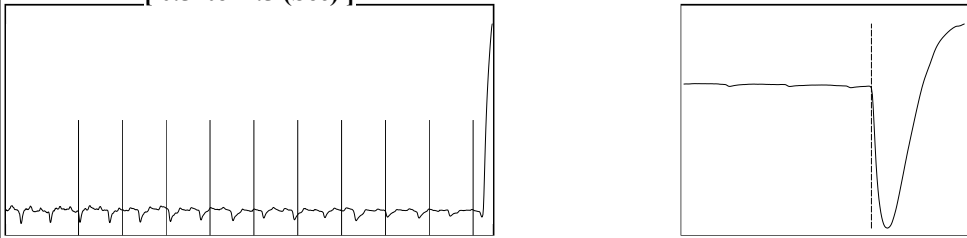
Mail to the Appropriate KCC Conservation Office:

Table with 3 columns: District Office #, Address, Phone. Rows 1-4.

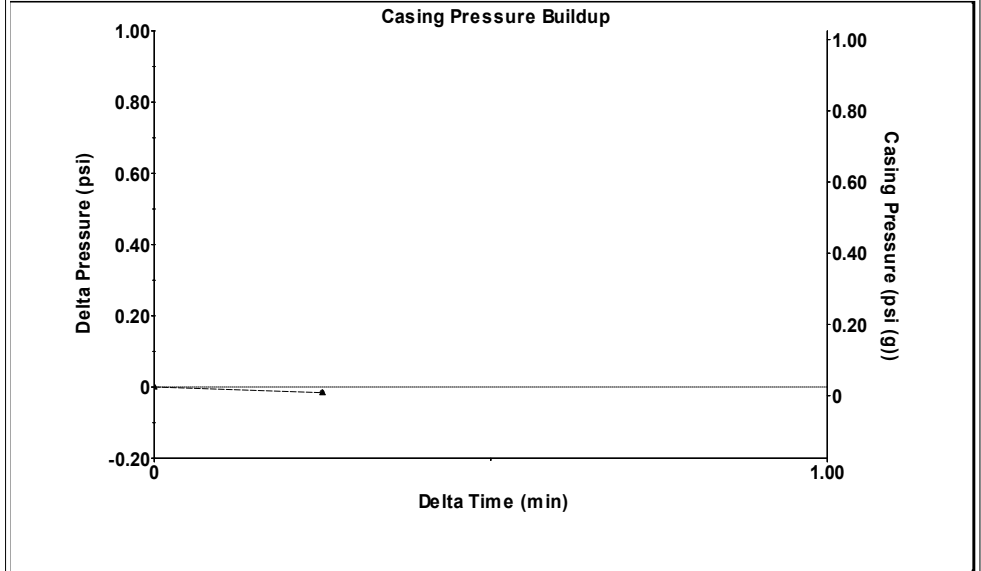


Filter Type High Pass Automatic Collar Count Yes Time 1.483 sec
 Manual Acoustic Veloc 944.506 ft/s Manual JTS/sec 11.0988 Joints 16.4595 Jts
 Depth 700.35 ft

[0.5 to 1.5 (Sec)]

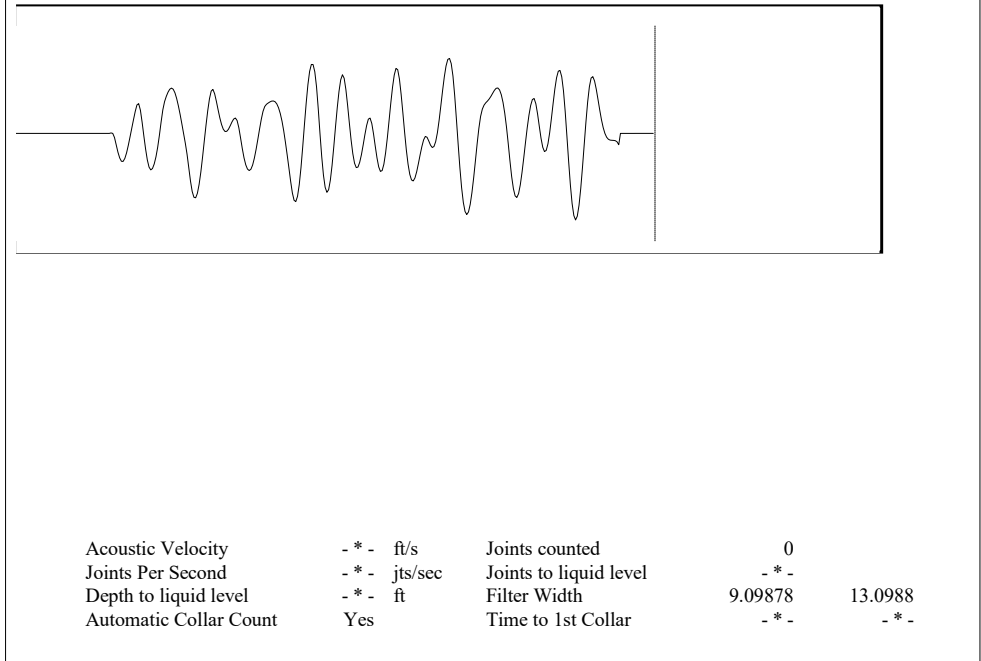


Analysis Method: Automatic



Change in Pressure -0.02 psi PT16854
 Range 0 - ? psi
 Change in Time 0.25 min

Production	Potential	Casing Pressure	Producing
Oil - *-	- *- BBL/D	0.0 psi (g)	
Water - *-	- *- BBL/D	Casing Pressure Buildup	Annular Gas Flow
Gas - *-	- *- Mscf/D	-0.016 psi	- *- Mscf/D
		0.25 min	% Liquid
IPR Method	Vogel	Gas/Liquid Interface Pressure	100 %
PBHP/SBHP - *-	- *-	- *- psi (g)	
Production Efficiency 0.0			
Oil 40 deg.API		Liquid Level Depth	
Water 1.05 Sp.Gr.H2O		700.35 ft	
Gas 1.02 Sp.Gr.AIR		Pump Intake Depth	
		- *- ft	
Acoustic Velocity 944.506 ft/s		Formation Depth	
		3340.00 ft	
			Pump Intake
			- *- psi (g)
			Producing BHP
			- *- psi (g)
			Static BHP
			- *- psi (g)
Formation Submergence			
Total Gaseous Liquid Column HT (TVD)	- *- ft		
Equivalent Gas Free Liquid HT (TVD)	- *- ft		
Acoustic Test			



Acoustic Velocity - *- ft/s Joints counted 0
 Joints Per Second - *- jts/sec Joints to liquid level - *-
 Depth to liquid level - *- ft Filter Width 9.09878 13.0988
 Automatic Collar Count Yes Time to 1st Collar - *- - *-

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

January 24, 2022

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

Re: Temporary Abandonment
API 15-009-03191-00-00
HARZMANN LYDIA 1 B
SE/4 Sec.33-16S-11W
Barton 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 02/23/2022.

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