

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.
GPS Location: Lat: Long:
Datum: NAD27 NAD83 WGS84
County: Elevation:
Lease Name: Well #:
Well Type: 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 Data:

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

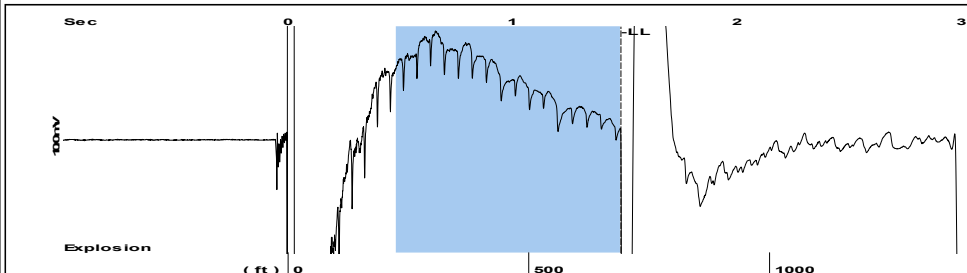
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

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:

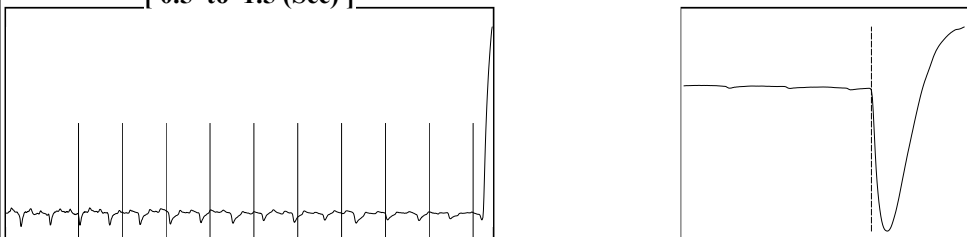
Mail to the Appropriate KCC Conservation Office:

Table with 3 columns: District Office, Address, Phone. Rows for District Office #1, #2, #3, #4.

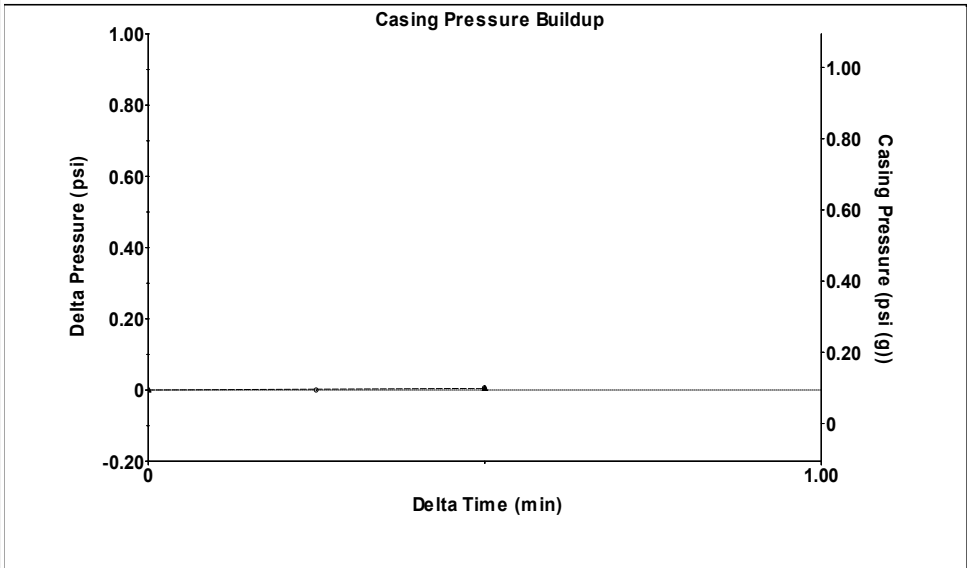


Filter Type High Pass Automatic Collar Count Yes Time 1.483 sec
 Manual Acoustic Veloc 932.297 ft/s Manual JTS/sec 11.0988 Joints 16.4595 Jts
 Depth 691.30 ft

[0.5 to 1.5 (Sec)]

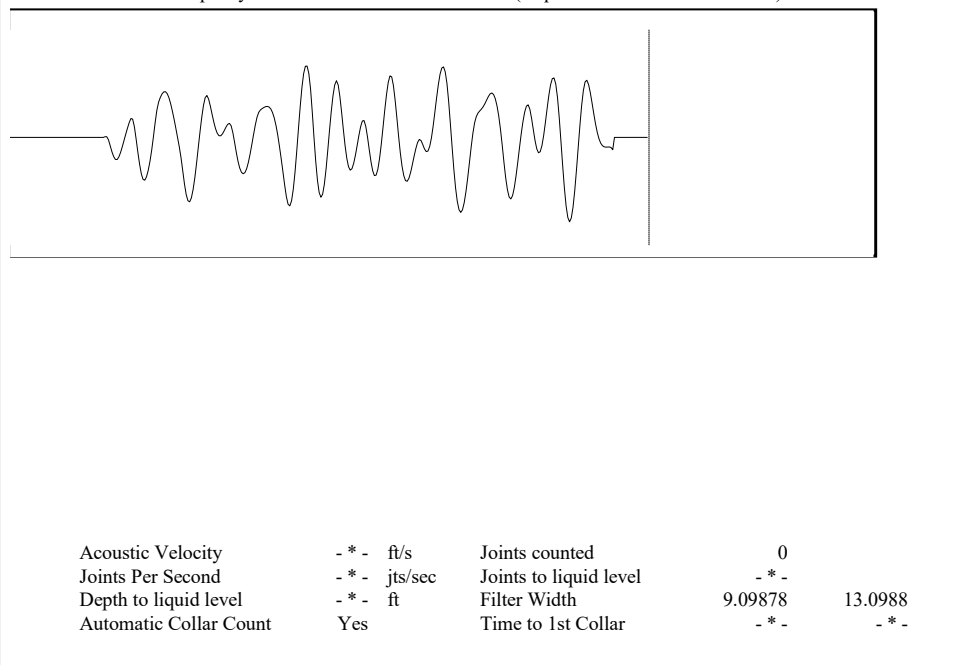


Analysis Method: Automatic



Change in Pressure 0.00 psi PT16854
 Range 0 - ? psi
 Change in Time 0.50 min

Production	Potential	Casing Pressure	Producing
Oil - * -	- * - BBL/D	0.1 psi (g)	
Water - * -	- * - BBL/D	Casing Pressure Buildup	
Gas - * -	- * - Mscf/D	0.005 psi	
		0.50 min	Annular Gas Flow
IPR Method	Vogel	Gas/Liquid Interface Pressure	- * - Mscf/D
PBHP/SBHP - * -	- * -	- * - psi (g)	% Liquid
Production Efficiency 0.0			100 %
		Liquid Level Depth	
Oil 40 deg.API		691.30 ft	
Water 1.05 Sp.Gr.H2O		Pump Intake Depth	
Gas 1.03 Sp.Gr.AIR		3300.00 ft	
Acoustic Velocity 932.297 ft/s		Formation Depth	
		3350.00 ft	
		Pump Intake	
Formation Submergence		- * - psi (g)	
Total Gaseous Liquid Column HT (TVD)	- * - ft	Producing BHP	
Equivalent Gas Free Liquid HT (TVD)	- * - ft	- * - psi (g)	
		Static BHP	
Acoustic Test		- * - psi (g)	



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 15-009-03184-00-00
HARZMAN LYDIA 4B
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