

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form must be Typed
Form must be signed

TEMPORARY ABANDONMENT WELL APPLICATION

All blanks must be complete

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.
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: 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.

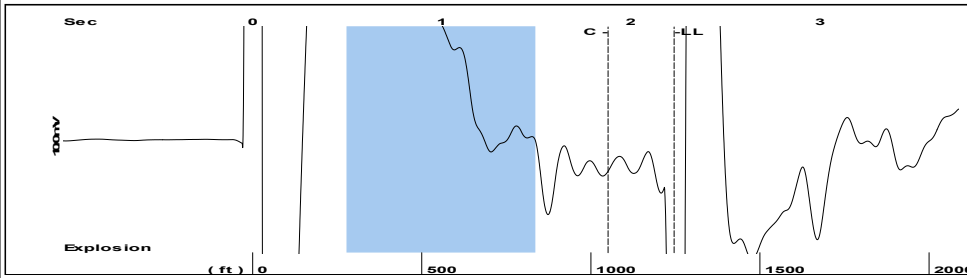
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

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:

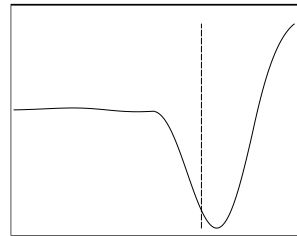
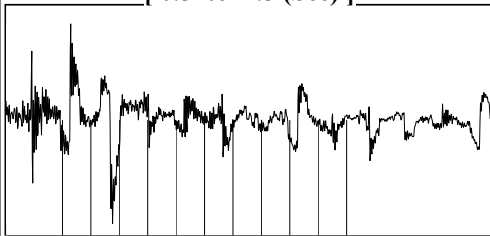
Mail to the Appropriate KCC Conservation Office:

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

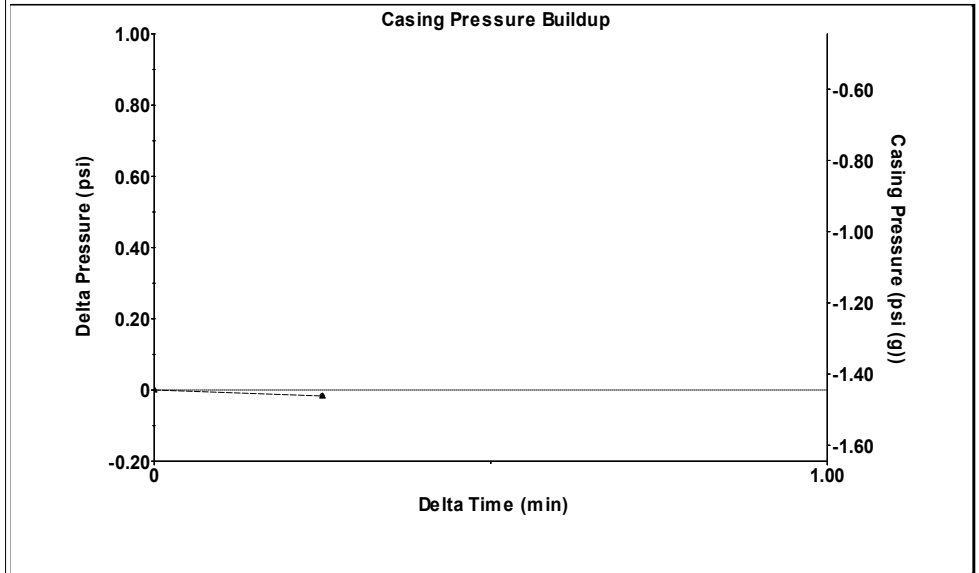


Filter Type High Pass Automatic Collar Count Yes Time 2.229 sec
 Manual Acoustic Veloc 1085.62 ft/s Manual JTS/sec 17.1233 Joints 39.3023 Jts
 Depth 1245.88 ft

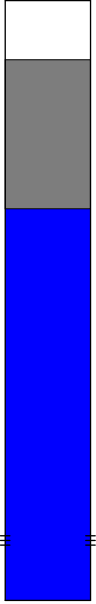
[0.5 to 1.5 (Sec)]

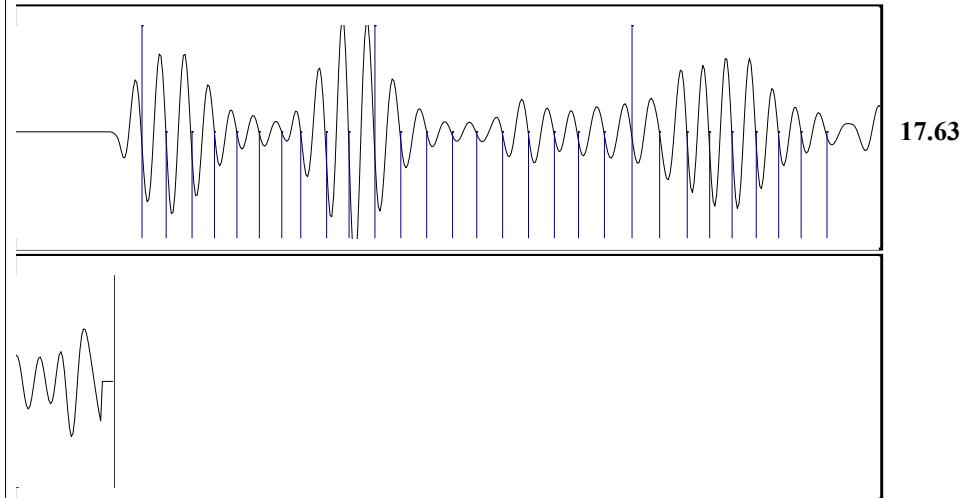


Analysis Method: Automatic



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

Production	Potential	Casing Pressure		Producing
Current	- * - BBL/D	-1.4 psi (g)		Annular
Oil - * -	- * - BBL/D	Casing Pressure Buildup		Gas Flow - * - Mscf/D
Water - * -	- * - Mscf/D	-0.017 psi		% Liquid
Gas - * -		0.25 min	100 %	
IPR Method	Vogel	Gas/Liquid Interface Pressure		
PBHP/SBHP	- * -	-0.9 psi (g)		
Production Efficiency	0.0			
Oil 40 deg.API		Liquid Level Depth		
Water 1.05 Sp.Gr.H2O		1245.88 ft		
Gas 0.86 Sp.Gr.AIR		Tubing Intake Depth		
		- * - ft		
Acoustic Velocity 1117.88 ft/s		Formation Depth		
		4030.00 ft		
Formation Submergence			Tubing Intake	
Total Gaseous Liquid Column HT (TVD)	2784 ft		- * - psi (g)	
Equivalent Gas Free Liquid HT (TVD)	2784 ft		Producing BHP	
			1264.9 psi (g)	
Acoustic Test			Static BHP	
			- * - psi (g)	



Acoustic Velocity 1117.88 ft/s Joints counted 28
 Joints Per Second 17.6322 jts/sec Joints to liquid level 39.3023
 Depth to liquid level 1245.88 ft Filter Width 15.1233 19.1233
 Automatic Collar Count Yes Time to 1st Collar 0.292 1.88

November 13, 2019

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 December 11, 2019.

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