

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 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

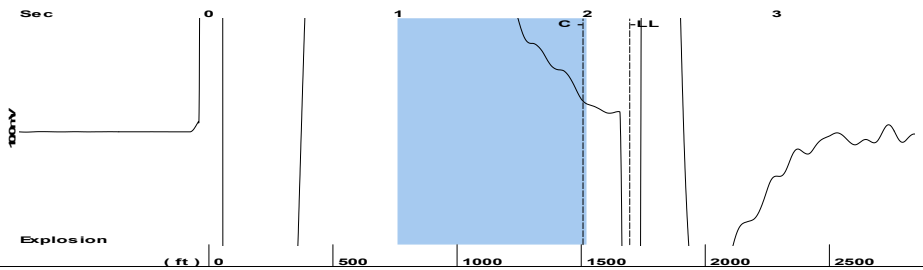
Submitted Electronically

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:

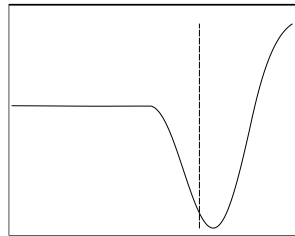
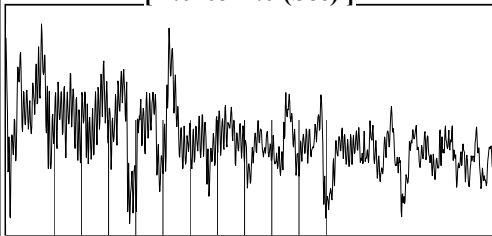
Table with 3 columns: District Office #, Address, Phone. Includes map of Kansas with numbered districts 1-4.

Group: MyWells Well: Harzman 3 (acquired on: 10/04/22 14:05:47 )



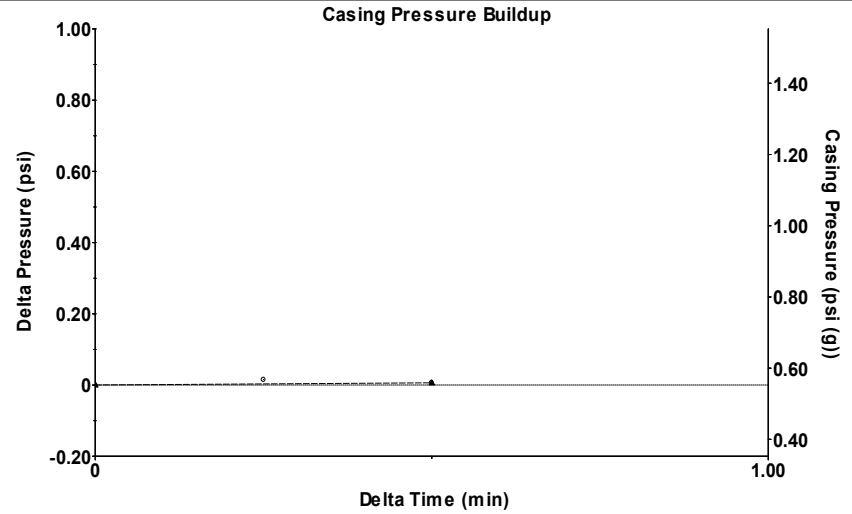
Filter Type High Pass Automatic Collar Count Yes Time 2.223 sec  
 Manual Acoustic Veloc 1502.68 ft/s Manual JTS/sec 17.8891 Joints 40.3617 Jts  
 Depth 1695.19 ft

[ 1.0 to 2.0 (Sec) ]



**Analysis Method: Automatic**

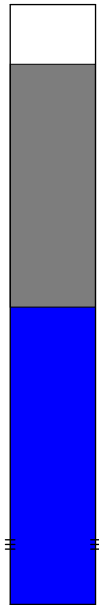
Group: MyWells Well: Harzman 3 (acquired on: 10/04/22 14:05:47 )



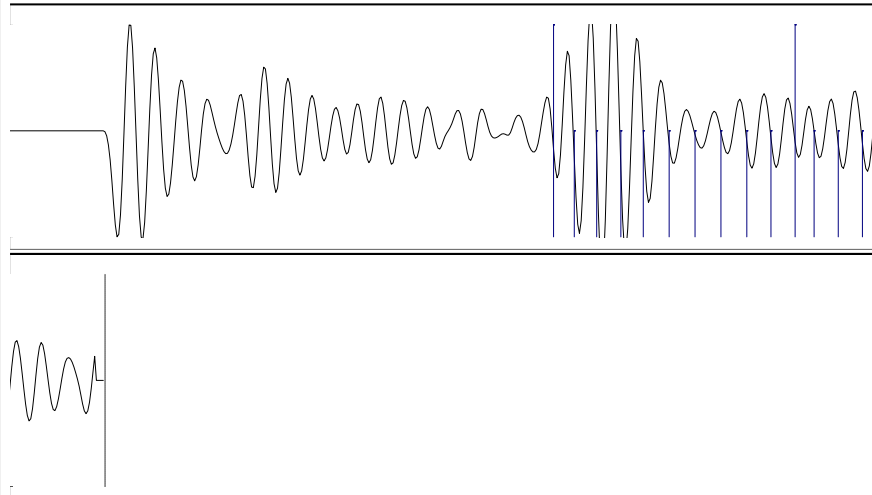
Change in Pressure 0.01 psi PT16854  
 Change in Time 0.50 min Range 0 - ? psi

Group: MyWells Well: Harzman 3 (acquired on: 10/04/22 14:05:47 )

<b>Production</b>	<b>Potential</b>	<b>Casing Pressure</b>	<b>Producing</b>
Current		0.6 psi (g)	
Oil - *-	- *- BBL/D	Casing Pressure Buildup	Annular Gas Flow - *- Mscf/D
Water - *-	- *- BBL/D	0.006 psi	% Liquid 100 %
Gas - *-	- *- Mscf/D	0.50 min	
		Gas/Liquid Interface Pressure	
		1.0 psi (g)	
IPR Method	Vogel	Liquid Level Depth	
PBHP/SBHP	- *-	1695.19 ft	
Production Efficiency	0.0	Pump Intake Depth	
		- *- ft	
Oil 40 deg.API		Formation Depth	
Water 1.05 Sp.Gr.H2O		3350.00 ft	
Gas 0.55 Sp.Gr.AIR			
Acoustic Velocity 1525.14 ft/s			
Formation Submergence			
Total Gaseous Liquid Column HT (TVD)	1655 ft		
Equivalent Gas Free Liquid HT (TVD)	1655 ft		
10-4-22			



Group: MyWells Well: Harzman 3 (acquired on: 10/04/22 14:05:47 )



Acoustic Velocity 1525.14 ft/s Joints counted 13  
 Joints Per Second 18.1564 jts/sec Joints to liquid level 40.3617  
 Depth to liquid level 1695.19 ft Filter Width 15.8891 19.8891  
 Automatic Collar Count Yes Time to 1st Collar 1.26 1.976

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

October 05, 2022

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

Re: Temporary Abandonment  
API 15-009-23497-00-00  
HARZMAN 3  
SW/4 Sec.33-16S-11W  
Barton County, Kansas

Dear Zach Patterson:

"Your temporary abandonment (TA) application for the well listed above has been approved. In accordance with K.A.R. 82-3-111 the TA status of this well will expire 10/05/2023.

- \* If you return this well to service or plug it, please notify the District Office.
- \* If you sell this well you are required to file a Transfer of Operator form, T-1.
- \* If the well will remain temporarily abandoned, you must submit a new TA application, CP-111, before 10/05/2023.

You may contact me at the number above if you have questions.

Very truly yours,

RICHARD WILLIAMS"