

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.
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

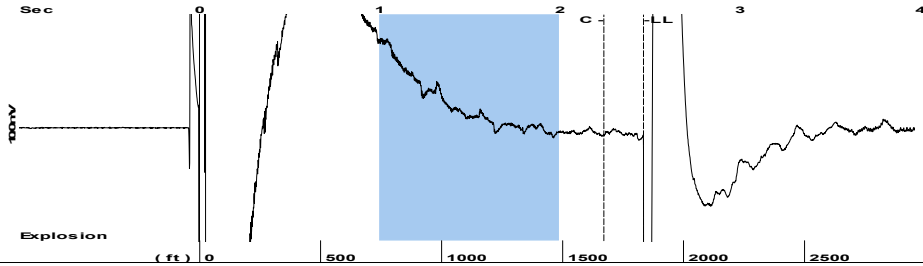
Submitted Electronically

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:

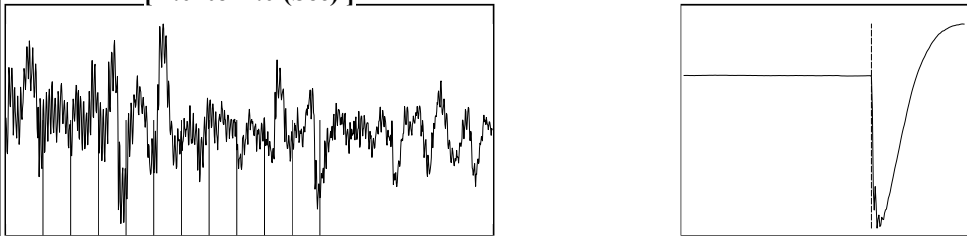
Table with 3 columns: District Office, Address, Phone. Rows for District Office #1, #2, #3, #4.

Group: MyWells Well: Harzman 3 (acquired on: 10/05/21 08:30:51)



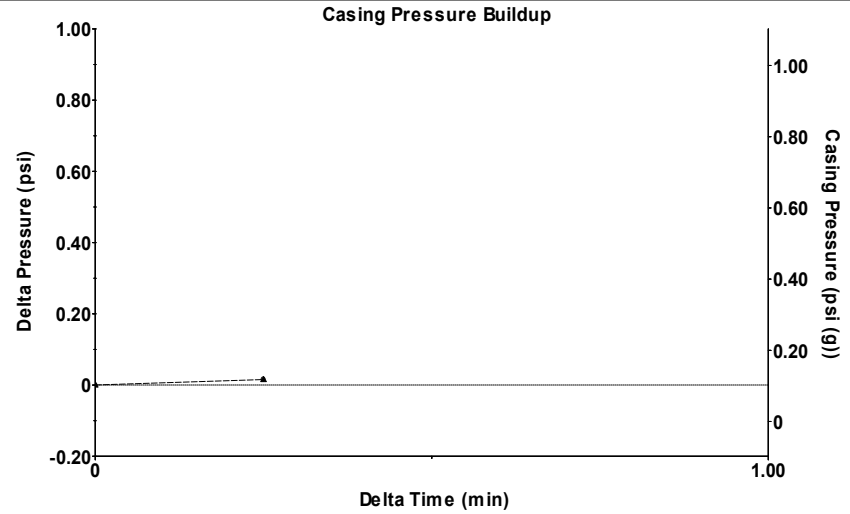
Filter Type High Pass Automatic Collar Count Yes Time 2.464 sec
 Manual Acoustic Veloc 1476.27 ft/s Manual JTS/sec 17.5747 Joints 43.6716 Jts
 Depth 1834.21 ft

[1.0 to 2.0 (Sec)]



Analysis Method: Automatic

Group: MyWells Well: Harzman 3 (acquired on: 10/05/21 08:30:51)

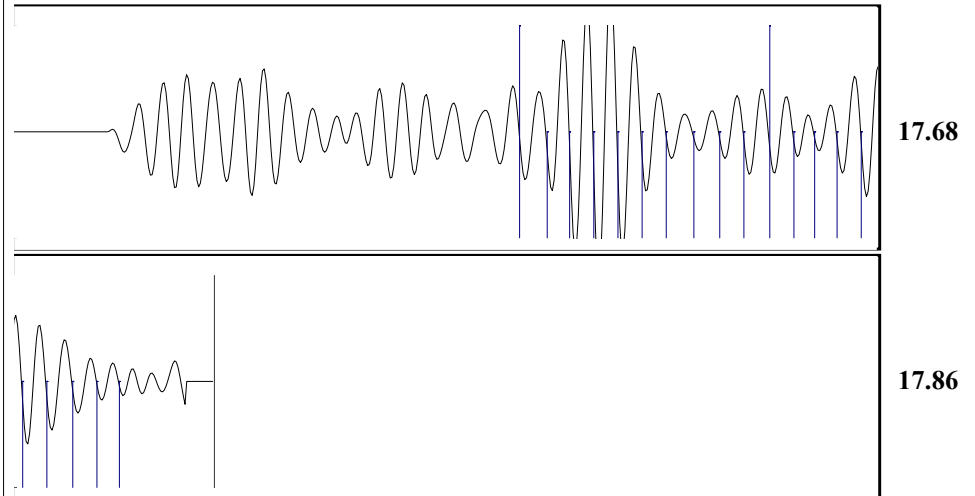


Change in Pressure 0.02 psi PT16854
 Change in Time 0.25 min Range 0 - ? psi

Group: MyWells Well: Harzman 3 (acquired on: 10/05/21 08:30:51)

Production		Potential		Casing Pressure		Producing	
Oil	- * -	- * -	BBL/D	0.1	psi (g)	Annular	
Water	- * -	- * -	BBL/D	Casing Pressure Buildup	0.015	Gas Flow	- * - Mscf/D
Gas	- * -	- * -	Mscf/D	0.25	min	% Liquid	96 %
IPR Method	Vogel	Gas/Liquid Interface Pressure	0.6	psi (g)	Liquid Level Depth		
PBHP/SBHP	- * -				1834.21	ft	
Production Efficiency	0.0	Pump Intake Depth	- * -	ft	Formation Depth	3350.00	ft
Oil	40 deg.API						
Water	1.05 Sp.Gr.H2O						
Gas	0.55 Sp.Gr.AIR						
Acoustic Velocity	1488.81 ft/s						
Formation Submergence							
Total Gaseous Liquid Column HT (TVD)	1516	ft					
Equivalent Gas Free Liquid HT (TVD)	1456	ft					
Acoustic Test							

Group: MyWells Well: Harzman 3 (acquired on: 10/05/21 08:30:51)



Acoustic Velocity 1488.81 ft/s Joints counted 19
 Joints Per Second 17.7239 jts/sec Joints to liquid level 43.6716
 Depth to liquid level 1834.21 ft Filter Width 15.5747 19.5747
 Automatic Collar Count Yes Time to 1st Collar 1.172 2.244

October 07, 2021

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 10/07/2022.

- * 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 10/07/2022.

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

Very truly yours,

RICHARD WILLIAMS"