

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.

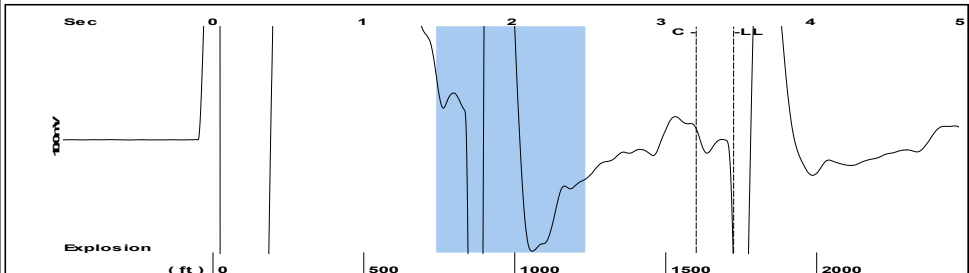
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

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:

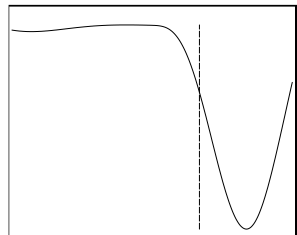
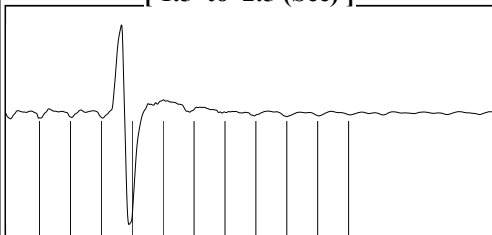
Mail to the Appropriate KCC Conservation Office:

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

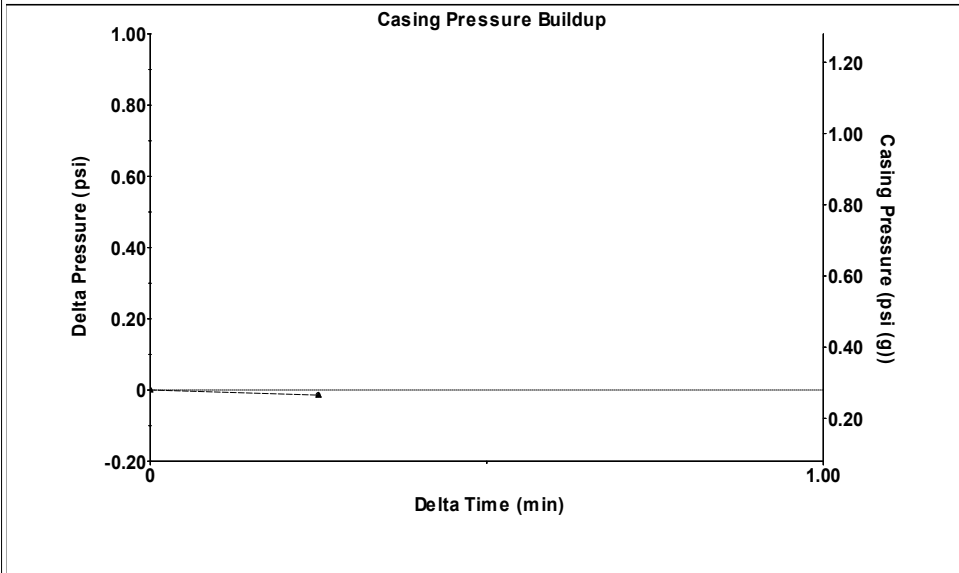


Filter Type High Pass Automatic Collar Count Yes Time 3.487 sec
 Manual Acoustic Veloc 1007.87 ft/s Manual JTS/sec 15.748 Joints 53.8985 Jts
 Depth 1724.75 ft

[1.5 to 2.5 (Sec)]

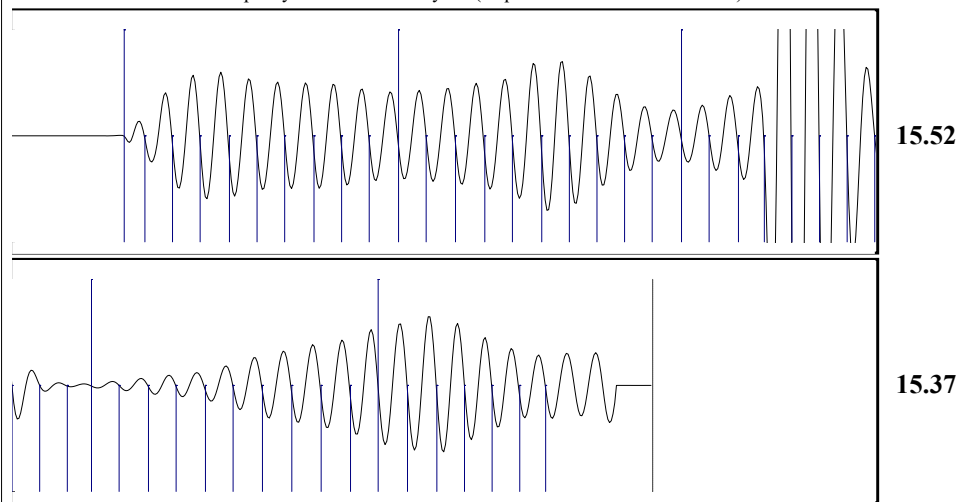


Analysis Method: Automatic



Change in Pressure -0.01 psi PT16854
 Range 0 - ? psi
 Change in Time 0.25 min

<p>Production</p> <p>Current Potential</p> <p>Oil - * - BBL/D</p> <p>Water - * - BBL/D</p> <p>Gas - * - Mscf/D</p> <p>IPR Method Vogel</p> <p>PBHP/SBHP - * -</p> <p>Production Efficiency 0.0</p> <p>Oil 40 deg.API</p> <p>Water 1.05 Sp.Gr.H2O</p> <p>Gas 0.98 Sp.Gr.AIR</p> <p>Acoustic Velocity 989.247 ft/s</p> <p>Formation Submergence</p> <p>Total Gaseous Liquid Column HT (TVD) 2075 ft</p> <p>Equivalent Gas Free Liquid HT (TVD) 2075 ft</p> <p>Acoustic Test</p>	<p>Casing Pressure 0.3 psi (g)</p> <p>Casing Pressure Buildup -0.014 psi</p> <p>0.25 min</p> <p>Gas/Liquid Interface Pressure 1.2 psi (g)</p> <p>Liquid Level Depth 1724.75 ft</p> <p>Pump Intake Depth - * - ft</p> <p>Formation Depth 3800.00 ft</p>	<p>Producing</p> <p>Annular Gas Flow 0 Mscf/D</p> <p>% Liquid 100 %</p> <p>Pump Intake - * - psi (g)</p> <p>Producing BHP 944.7 psi (g)</p> <p>Static BHP - * - psi (g)</p>
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Acoustic Velocity 989.247 ft/s Joints counted 46
 Joints Per Second 15.457 jts/sec Joints to liquid level 53.8985
 Depth to liquid level 1724.75 ft Filter Width 13.748 17.748
 Automatic Collar Count Yes Time to 1st Collar 0.26 3.236

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/>

Susan K. Duffy, Chair
Dwight D. Keen, Commissioner
Andrew J. French, Commissioner

Laura Kelly, Governor

October 14, 2020

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

Re: Temporary Abandonment
API 15-147-20734-00-00
RAY B 5
NW/4 Sec.32-05S-20W
Phillips 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 10/14/2021.

- * 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 10/14/2021.

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

Very truly yours,

RICHARD WILLIAMS"