

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.

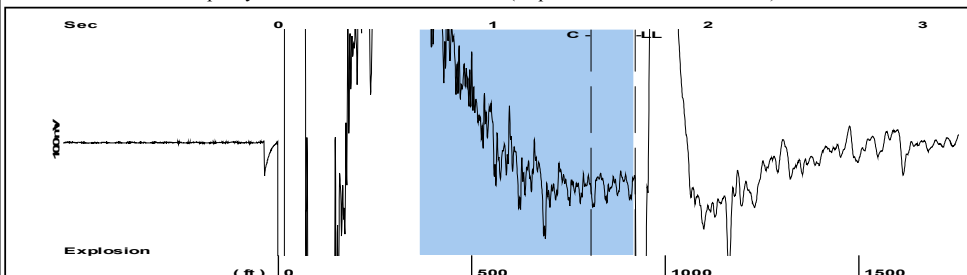
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

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:

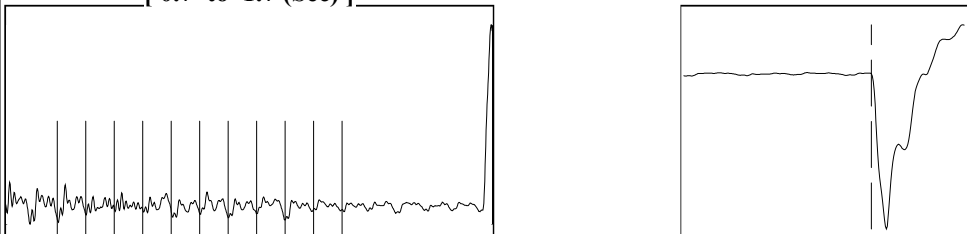
Mail to the Appropriate KCC Conservation Office:

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

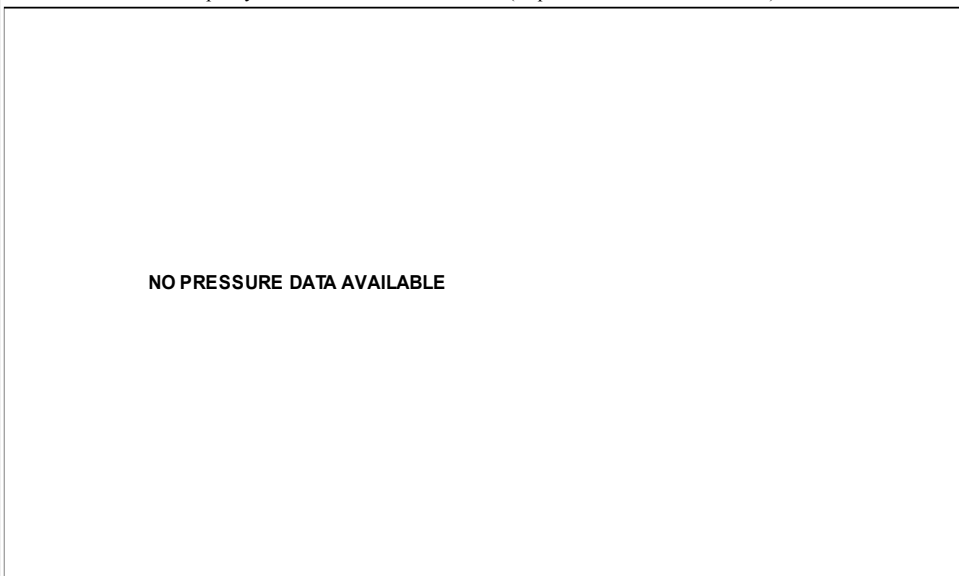


Filter Type High Pass Automatic Collar Count Yes Time 1.663 sec
 Manual Acoustic Veloc 1083.76 ft/s Manual JTS/sec 17.094 Joints 29.1025 Jts
 Depth 922.55 ft

[0.7 to 1.7 (Sec)]

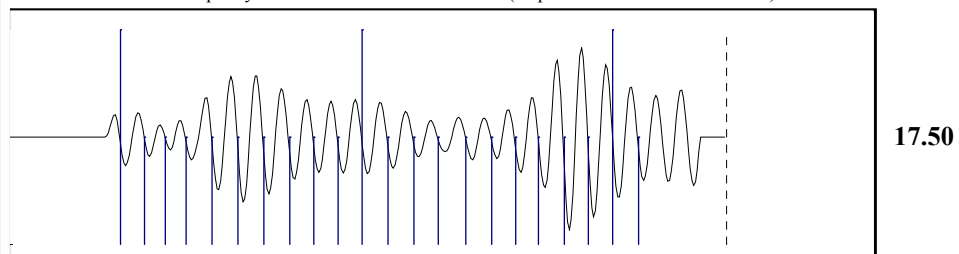


Analysis Method: Automatic



Change in Pressure 0.00 psi PT12830
 Range 0 - ? psi
 Change in Time 0.00 min

<p>Production 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 0.86 Sp.Gr.AIR</p> <p>Acoustic Velocity 1109.5 ft/s</p> <p>Acoustic Test</p>	<p>Casing Pressure -2.0 psi (g)</p> <p>Casing Pressure Buildup - * - psi</p> <p>Gas/Liquid Interface Pressure -1.6 psi (g)</p> <p>Liquid Level Depth 922.55 ft</p> <p>Pump Intake Depth 3000.00 ft</p> <p>Formation Depth 3424.00 ft</p>	<p>Static</p> <p>Oil Column Height MD 0 ft</p> <p>Water Column Height MD 2501 ft</p> <p>Static BHP 1135.7 psi (g)</p>
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17.50

Acoustic Velocity 1109.5 ft/s Joints counted 21
 Joints Per Second 17.5 jts/sec Joints to liquid level 29.1025
 Depth to liquid level 922.549 ft Filter Width 15.094 19.094
 Automatic Collar Count Yes Time to 1st Collar 0.256 1.456

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
Shari Feist Albrecht, Commissioner
Jay Scott Emler, Commissioner

Laura Kelly, Governor

February 07, 2019

Jim Farthing
Empire Energy E&P, LLC
345 RIVERVIEW ST., STE 540
WICHITA, KS 67203-4262

Re: Temporary Abandonment
API 15-051-02110-00-00
HENDERSON A 3
NE/4 Sec.07-11S-17W
Ellis County, Kansas

Dear Jim Farthing:

"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 02/07/2020.

- * 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 02/07/2020.

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

Very truly yours,

RICHARD WILLIAMS"