

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: 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

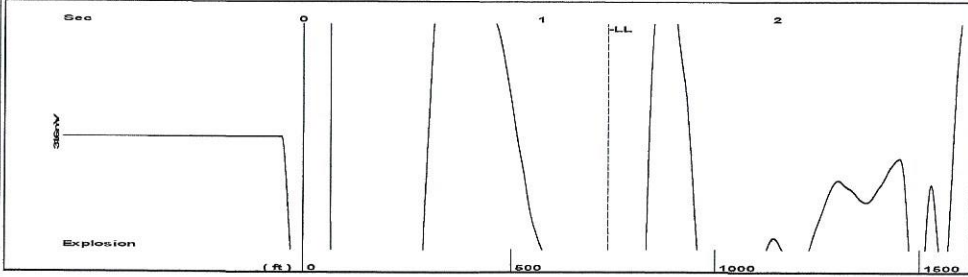
Submitted Electronically

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 KCC District Office #1, #2, #3, #4.

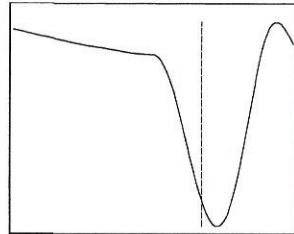
Group: Radium Well: Brining # 1-2 (acquired on: 02/09/21 11:50:18 )



Time 1.285 sec  
 Joints 22.7977 Jts  
 Depth 738.88 ft

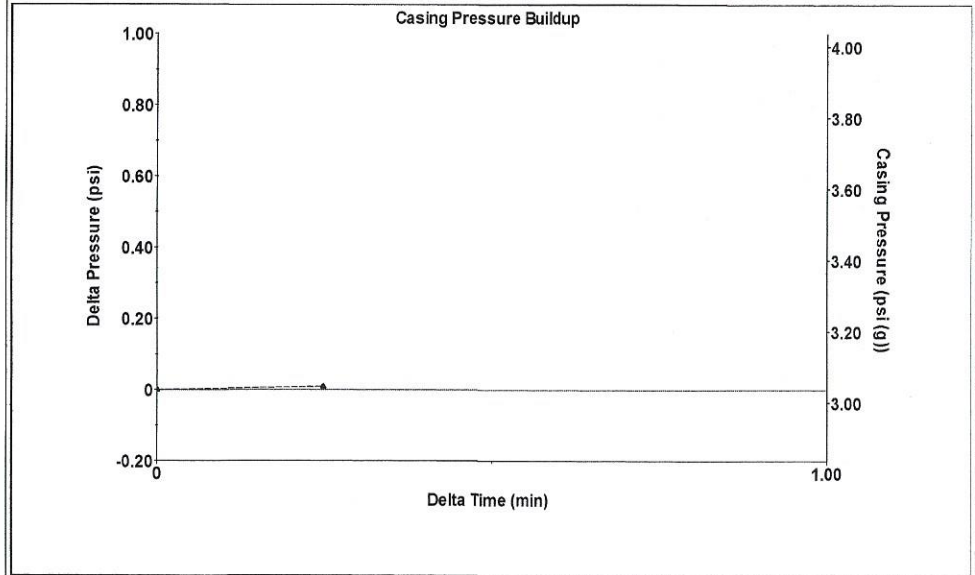
Liquid level calculated with user supplied Acoustic Velocity

Acoustic Velocity 1150 ft/s



**Analysis Method: Acoustic Velocity**

Group: Radium Well: Brining # 1-2 (acquired on: 02/09/21 11:50:18 )



Change in Pressure 0.01 psi PT13440  
 Range 0 - ? psi  
 Change in Time 0.25 min

Group: Radium Well: Brining # 1-2 (acquired on: 02/09/21 11:50:18 )

Production  
 Current Potential  
 Oil - \* - - \* - BBL/D  
 Water - \* - - \* - BBL/D  
 Gas - \* - - \* - Mscf/D

IPR Method Vogel  
 PBHP/SBHP - \* -  
 Production Efficiency 0.0

Oil 40 deg.API  
 Water 1.05 Sp.Gr.H2O  
 Gas 0.85 Sp.Gr.AIR

Acoustic Velocity 1150 ft/s

Formation Submergence  
 Total Gaseous Liquid Column HT (TVD) 2762 ft  
 Equivalent Gas Free Liquid HT (TVD) 2762 ft

Acoustic Test

Casing Pressure 3.0 psi (g)  
 Casing Pressure Buildup 0.0 psi  
 0.25 min  
 Gas/Liquid Interface Pressure 3.4 psi (g)  
 Liquid Level Depth 738.88 ft  
 Pump Intake Depth 3501.00 ft  
 Formation Depth 3502.00 ft



Producing  
 Annular Gas Flow 0 Mscf/D  
 % Liquid 100 %  
 Pump Intake 917.0 psi (g)  
 Producing BHP 917.5 psi (g)  
 Static BHP - \* - psi (g)

Group: Radium Well: Brining # 1-2 (acquired on: 02/09/21 11:50:18 )

**Entered Acoustic Velocity for Liquid Level depth determination**

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/>

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

Laura Kelly, Governor

February 15, 2021

Loveness Mpanje  
F. G. Holl Company L.L.C.  
9431 E CENTRAL STE 100  
WICHITA, KS 67206-2563

Re: Temporary Abandonment  
API 15-009-24944-00-00  
BRINING 1-2  
SE/4 Sec.02-20S-14W  
Barton County, Kansas

Dear Loveness Mpanje:

"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 02/15/2022.

- \* 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 02/15/2022.

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

Very truly yours,

RICHARD WILLIAMS"