

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

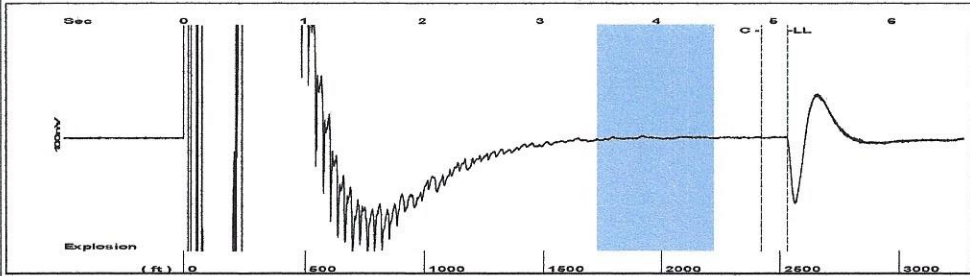
Submitted Electronically

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:

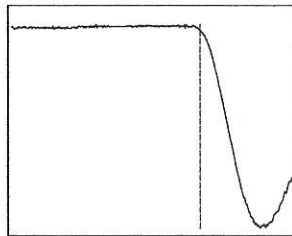
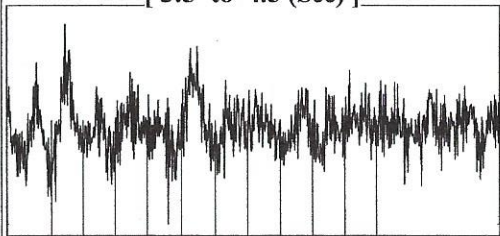
Table with 3 columns: District Office #, Address, Phone. Rows 1-4.

Group: Radium Well: Langer 1-4 (acquired on: 04/09/20 12:06:57 )



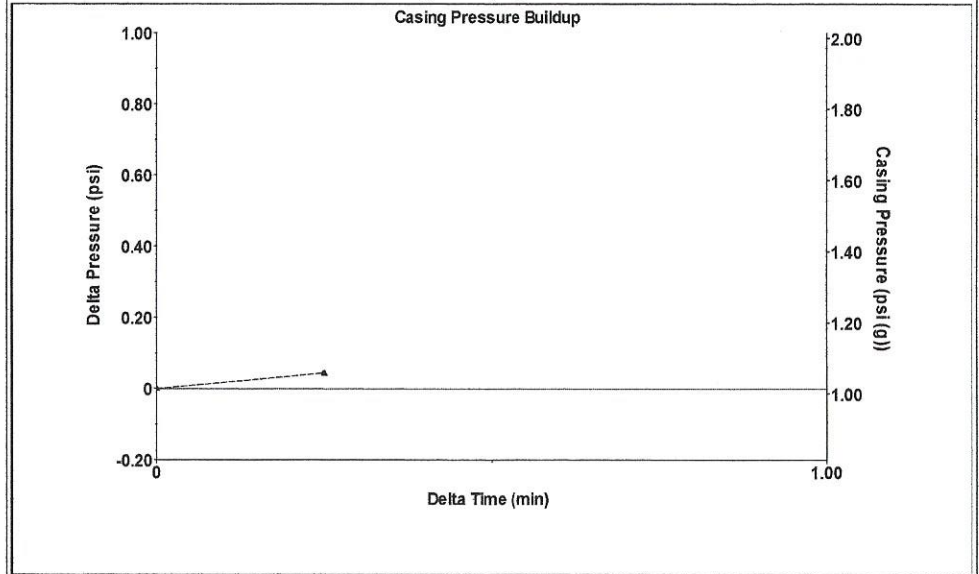
Filter Type High Pass Automatic Collar Count Yes Time 5.118 sec  
 Manual Acoustic Velo 962.064 ft/s Manual JTS/sec 15.1745 Joints 79.8302 Jts  
 Depth 2530.62 ft

[ 3.5 to 4.5 (Sec) ]



Analysis Method: Automatic

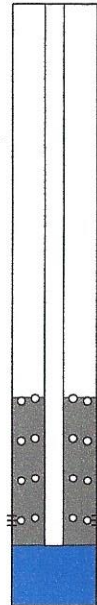
Group: Radium Well: Langer 1-4 (acquired on: 04/09/20 12:06:57 )



Change in Pressure 0.04 psi PT13440  
 Range 0 - ? psi  
 Change in Time 0.25 min

Group: Radium Well: Langer 1-4 (acquired on: 04/09/20 12:06:57 )

Production Current	Potential	Casing Pressure
Oil - * -	- * - BBL/D	1.0 psi (g)
Water - * -	- * - BBL/D	Casing Pressure Buildup
Gas - * -	- * - Mscf/D	0.0 psi
		0.25 min
IPR Method	Vogel	Gas/Liquid Interface Pressure
PBHP/SBHP	- * -	2.4 psi (g)
Production Efficiency	0.0	
Oil 40 deg.API		Liquid Level Depth
Water 1.05 Sp.Gr.H2O		2530.62 ft
Gas 0.99 Sp.Gr.AIR		Pump Intake Depth
		3650.00 ft
Acoustic Velocity 988.908 ft/s		Formation Depth
		3460.00 ft

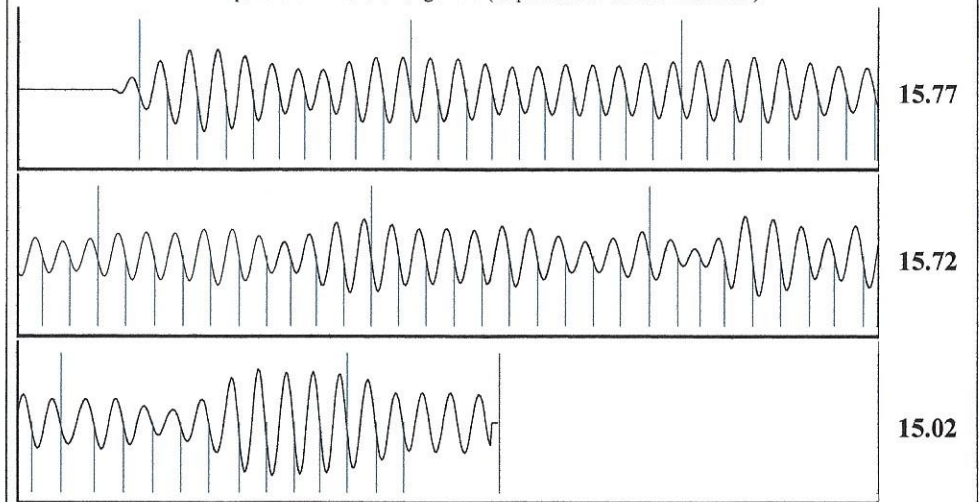


Producing  
 Annular Gas Flow 3 Mscf/D  
 % Liquid 83 %  
 Pump Intake 329.2 psi (g)  
 Producing BHP 265.9 psi (g)  
 Static BHP - \* - psi (g)

Formation Submergence  
 Total Gaseous Liquid Column HT (TVD) 1119 ft  
 Equivalent Gas Free Liquid HT (TVD) 963 ft

Acoustic Test

Group: Radium Well: Langer 1-4 (acquired on: 04/09/20 12:06:57 )



Acoustic Velocity	988.908 ft/s	Joints counted	72
Joints Per Second	15.5979 jts/sec	Joints to liquid level	79.8302
Depth to liquid level	2530.62 ft	Filter Width	13.1745 17.1745
Automatic Collar Count	Yes	Time to 1st Collar	0.28 4.896

April 14, 2020

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

Re: Temporary Abandonment  
API 15-185-00598-00-00  
LANGER 1  
NE/4 Sec.04-21S-14W  
Stafford 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 04/14/2021.

- \* 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 04/14/2021.

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

Very truly yours,

Michael Maier"