

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

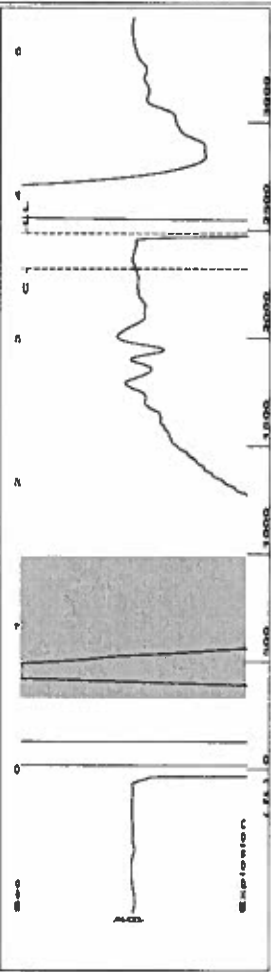
Submitted Electronically

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:

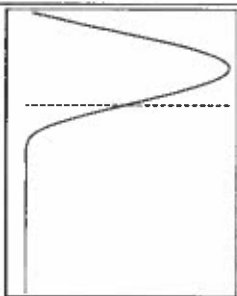
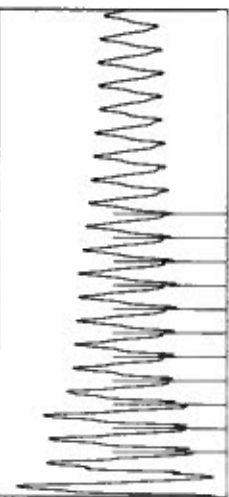
Map of Kansas with 4 numbered districts. Table with 2 columns: Office Address, Phone Number. Rows 1-4.

Group: TAD Well: roth f-2 (acquired on: 03/02/18 13:56:11)



Filter Type: High Pass  
 Manual Acoustic Velocity: 293.88 ft/s  
 Automatic Collar Count: Yes  
 Manual JTS/sec: 20.4082

[ 0.5 to 1.5 (Sec) ]

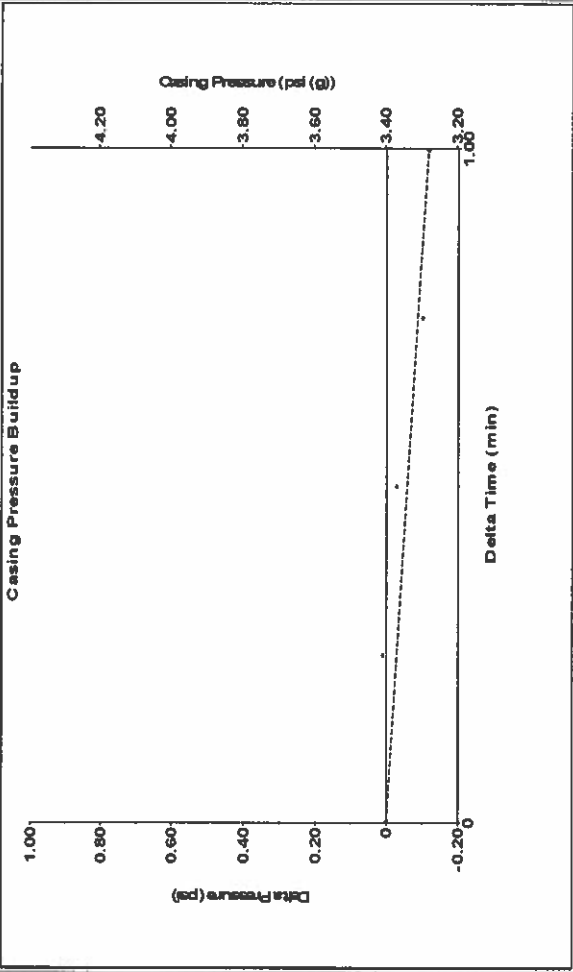


**Analysis Method: Automatic**

Group: TAD Well: roth f-2 (acquired on: 03/02/18 13:56:11)

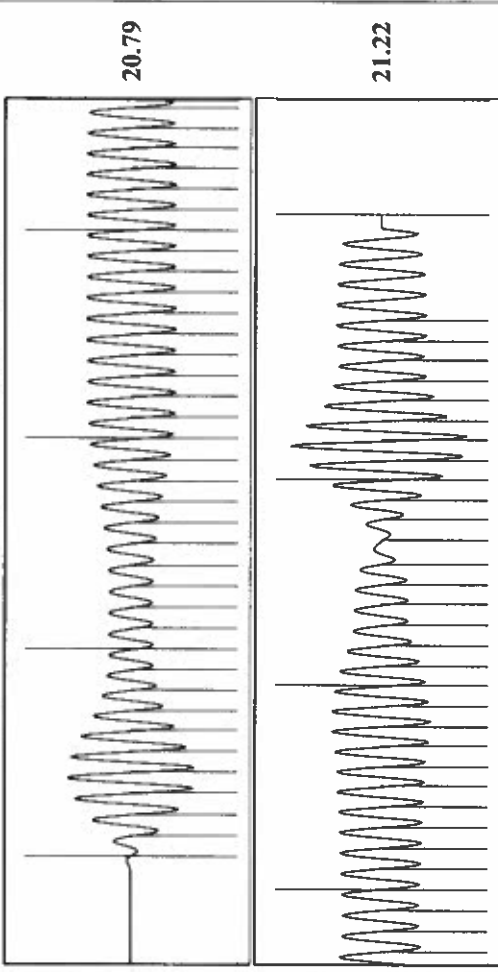
Production	Potential	Casing Pressure	Liquid Level Depth	Pump Intake	Producing
Oil	- * - BBL/D	3.4 psi (g)	2484.26 ft	277.5 psi (g)	Annular
Water	- * - BBL/D	Casing Pressure Buildup	Pump Intake Depth	Producing BHP	Gas Flow
Gas	- * - Mscf/D	-0.117 psi	3300.00 ft	143.4 psi (g)	% Liquid
IPR Method	Vogel	1.00 min	Formation Depth	Static BHP	0 Mscf/D
PBHP/SBHP	- * -	Gas/Liquid Interface Pressure	2896.00 ft	- * - psi (g)	100 %
Production Efficiency	0.0	4.4 psi (g)			
Oil	40 deg-API				
Water	1.05 Sp.Gr-H2O				
Gas	0.68 Sp.Gr-AIR				
Acoustic Velocity	1330.62 ft/s				
Formation Submergence					
Total Gaseous Liquid Column HT (TVD)	816 ft				
Equivalent Gas Free Liquid HT (TVD)	816 ft				
Acoustic Test					

Group: TAD Well: roth f-2 (acquired on: 03/02/18 13:56:11)



Change in Pressure: -0.12 psi  
 Change in Time: 1.00 min  
 Range: PT14679

Group: TAD Well: roth f-2 (acquired on: 03/02/18 13:56:11)



Acoustic Velocity: 1330.62 ft/s  
 Joints Per Second: 20.9877 Jts/sec  
 Depth to liquid level: 2484.26 ft  
 Automatic Collar Count: Yes

Joints counted: 68  
 Joints to liquid level: 78.3679  
 Filter Width: 18.4082  
 Time to 1st Collar: 0.248

March 06, 2018

Latherine McClurkan  
Merit Energy Company, LLC  
13727 Noel Road, Suite 1200  
Dallas, TX 75240

Re: Temporary Abandonment  
API 15-055-21425-00-01  
Roth F 2-9  
NE/4 Sec.09-23S-34W  
Finney County, Kansas

Dear Latherine McClurkan:

"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 03/06/2019.

- \* 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 03/06/2019.

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

Very truly yours,

Michael Maier"