

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

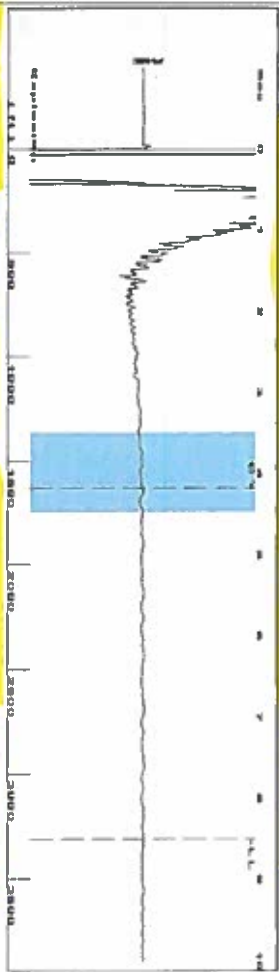
Submitted Electronically

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:

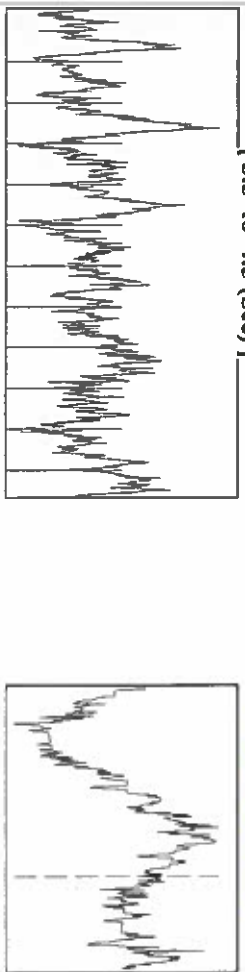
Table with 2 columns: Office Address, Phone. Rows for District Office #1, #2, #3, #4.

Group: Liberal Wells Well: Della Haworth I (acquired on: 10/05/19 09:47:14)



Filter Type High Pass Automatic Collar Count Yes  
 Manual Acoustic Velo 756.563 ft/s Manual JTS/sec 11.9332  
 Time 8.5 sec  
 Joints 104.508 Jts  
 Depth 3312.91 ft

[ 3.5 to 4.5 (Sec) ]



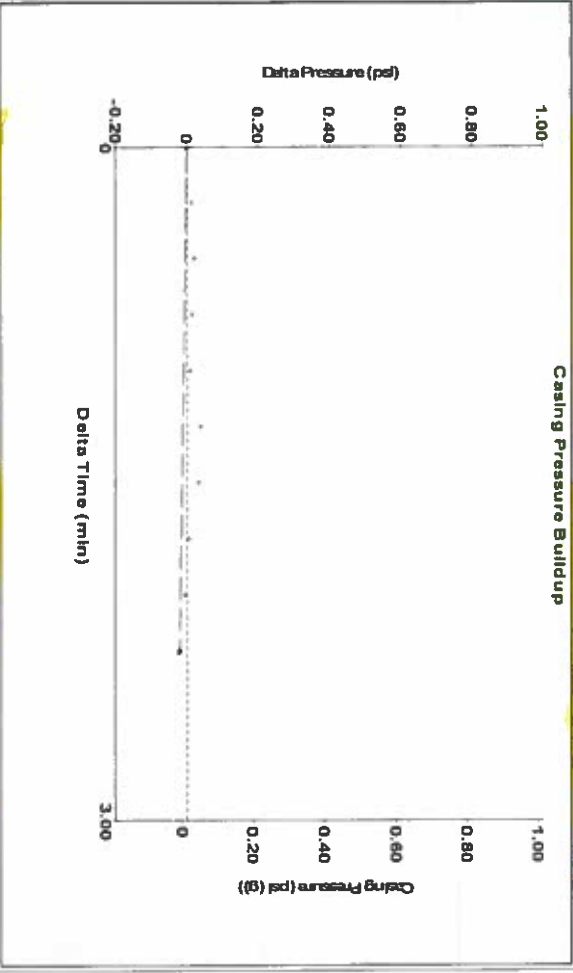
Analysis Method: Automatic

Group: Liberal Wells Well: Della Haworth I (acquired on: 10/05/19 09:47:14)

Production	Potential	Casing Pressure	Producing
Current	BB/LD	0.0 psi (g)	Annular
Oil	BB/LD	Casing Pressure Buildup	Gas Flow
Water	BB/LD	-0.021 psi	0 Mscf/D
Gas	Mscf/D	2.25 min	% Liquid
IPR Method	Vogel	Gas/Liquid Interface Pressure	100 %
PBH/PS/BHP	-	2.1 psi (g)	
Production Efficiency	0.0		
Oil	40 deg API	Liquid Level Depth	Pump Intake
Water	1.05 Sp.Gr./120	3312.91 ft	1010.8 psi (g)
Gas	1.18 Sp.Gr./AIR	Pump Intake Depth	Producing BHP
		6426.00 ft	1086.7 psi (g)
Acoustic Velocity	779.508 ft/s	Formation Depth	Static BHP
		6593.00 ft	1039.3 psi (g)
Formation Submergence			
Total Gaseous Liquid Column HT (TVD)	3113 ft		
Equivalent Gas Free Liquid HT (TVD)	3113 ft		
Acoustic Test			

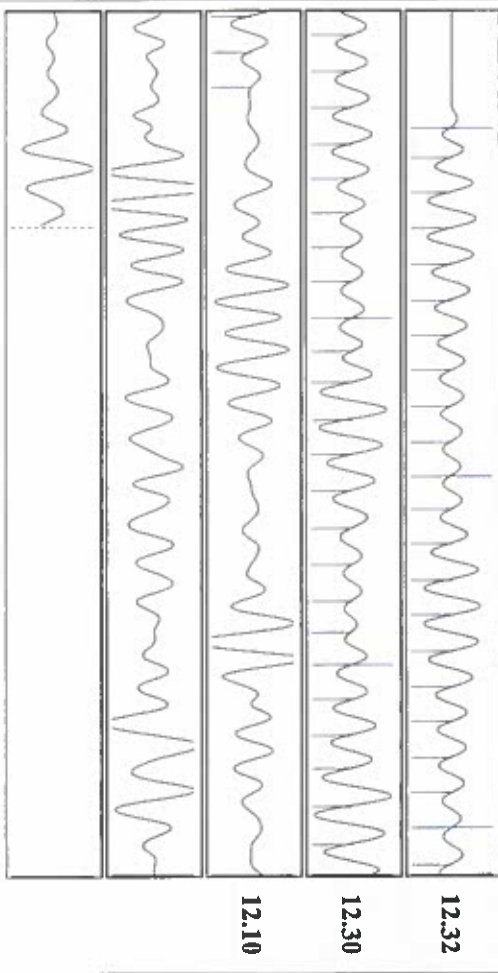


Group: Liberal Wells Well: Della Haworth I (acquired on: 10/05/19 09:47:14)



Change in Pressure -0.02 psi  
 Change in Time 2.25 min  
 PTT 249 Range  
 0 - ? psi

Group: Liberal Wells Well: Della Haworth I (acquired on: 10/05/19 09:47:14)



Acoustic Velocity	779.508 ft/s	Joints counted	48
Joints Per Second	12.2951 Jts/sec	Joints to liquid level	104.508
Depth to liquid level	3312.91 ft	Filter Width	9.93317
Automatic Collar Count	Yes	Time to 1st Collar	0.272

October 08, 2019

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

Re: Temporary Abandonment  
API 15-189-30078-00-00  
Della Haworth 1  
NW/4 Sec.06-35S-35W  
Stevens County, Kansas

Dear Katherine 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 10/08/2020.

- \* 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 10/08/2020.

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

Very truly yours,

Michael Maier"