

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. \_\_\_\_\_  E  W  
 \_\_\_\_\_ feet from  N /  S Line of Section  
 \_\_\_\_\_ feet from  E /  W Line of Section  
 GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)  
 Datum:  NAD27  NAD83  WGS84  
 County: \_\_\_\_\_ Elevation: \_\_\_\_\_  GL  KB  
 Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_  
 Well Type: (check one)  Oil  Gas  OG  WSW  Other: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  ENHR Permit #: \_\_\_\_\_  
 Gas Storage Permit #: \_\_\_\_\_  
 Spud Date: \_\_\_\_\_ Date Shut-In: \_\_\_\_\_

	Conductor	Surface	Production	Intermediate	Liner	Tubing
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: \_\_\_\_\_  
(top) (bottom) (top) (bottom)  
 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): \_\_\_\_\_  
(depth) (depth)  
 Type Completion:  ALT. I  ALT. II Depth of:  DV Tool: \_\_\_\_\_ w / \_\_\_\_\_ sacks of cement  Port Collar: \_\_\_\_\_ w / \_\_\_\_\_ sack of cement  
(depth) (depth)  
 Packer Type: \_\_\_\_\_ Size: \_\_\_\_\_ Inch Set at: \_\_\_\_\_ Feet  
 Total Depth: \_\_\_\_\_ Plug Back Depth: \_\_\_\_\_ Plug Back Method: \_\_\_\_\_

**Geological Data:**

Formation Name	Formation Top	Formation Base	Completion Information
1. _____	At: _____	to _____ Feet	Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet
2. _____	At: _____	to _____ Feet	Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet

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

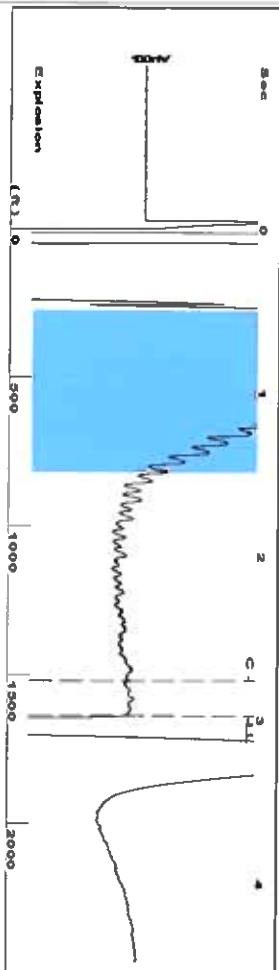
Submitted Electronically

<b>Do NOT Write in This Space - KCC USE ONLY</b>	Date Tested: _____	Results: _____	Date Plugged: _____	Date Repaired: _____	Date Put Back in Service: _____
	Review Completed by: _____ Comments: _____				
TA Approved: <input type="checkbox"/> Yes <input type="checkbox"/> Denied Date: _____					

Mail to the Appropriate KCC Conservation Office:

	KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.682.7933
	KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.337.7400
	KCC District Office #3 - 137 E. 21st St., Chanute, KS 66720	Phone 620.902.6450
	KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651	Phone 785.261.6250

Group: TAD Well: Williams 5 (acquired on: 04/07/20 10:05:47)

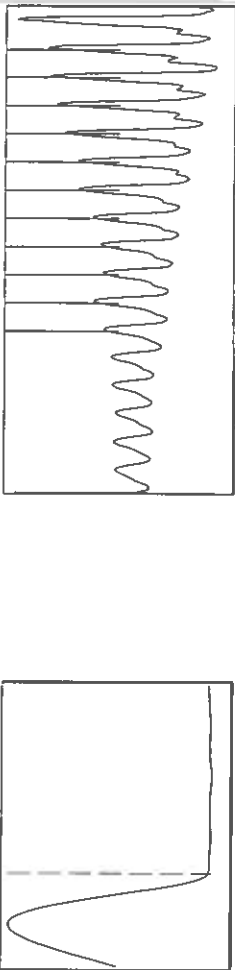


Filter Type High Pass  
Manual Acoustic Velo(1096.89 ft/s)

Automatic Collar Count Yes  
Manual JTS/sec 17.301

Time 2.976 sec  
Joints 51.6834 Jts  
Depth 1638.36 ft

[ 0.5 to 1.5 (Sec) ]



Analysis Method: Automatic

Group: TAD Well: Williams 5 (acquired on: 04/07/20 10:05:47)

Production	Potential	Casing Pressure
Current	BBL/D	-1.0 psi (g)
Oil	BBL/D	Casing Pressure Buildup
Water	Miscf/D	0.092 psi
Gas		1.00 min
		Gas/Liquid Interface Pressure
IPR Method	Vogel	-0.3 psi (g)
PBHP/SBHP		
Production Efficiency	0.0	

Liquid Level Depth  
1638.36 ft

Pump Intake Depth  
5683.00 ft

Acoustic Velocity 1101.05 ft/s

Formation Submergence  
Total Gaseous Liquid Column HT (TVD) 404.5 ft  
Equivalent Gas Free Liquid HT (TVD) 376.2 ft

Acoustic Test



Producing

Annular Gas Flow 2 Miscf/D

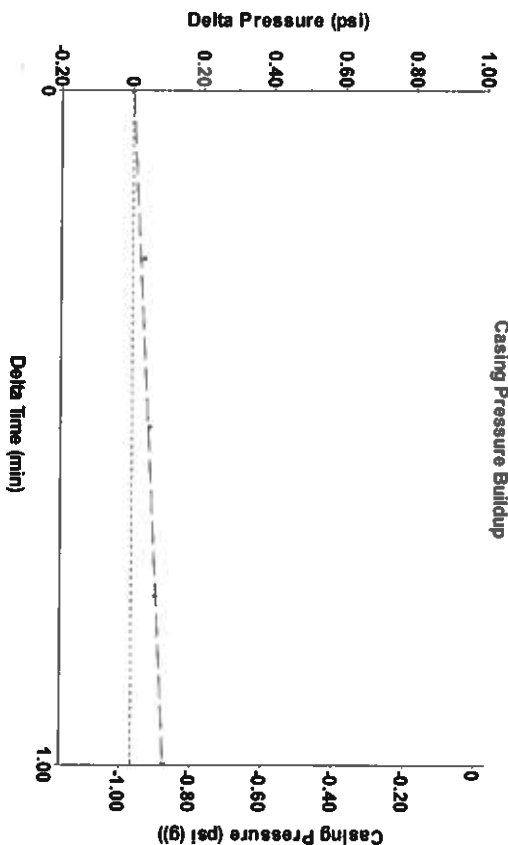
% Liquid 93 %

Pump Intake  
- - - psi (g)

Producing BHP  
1718.7 psi (g)

Static BHP  
- - - psi (g)

Group: TAD Well: Williams 5 (acquired on: 04/07/20 10:05:47)



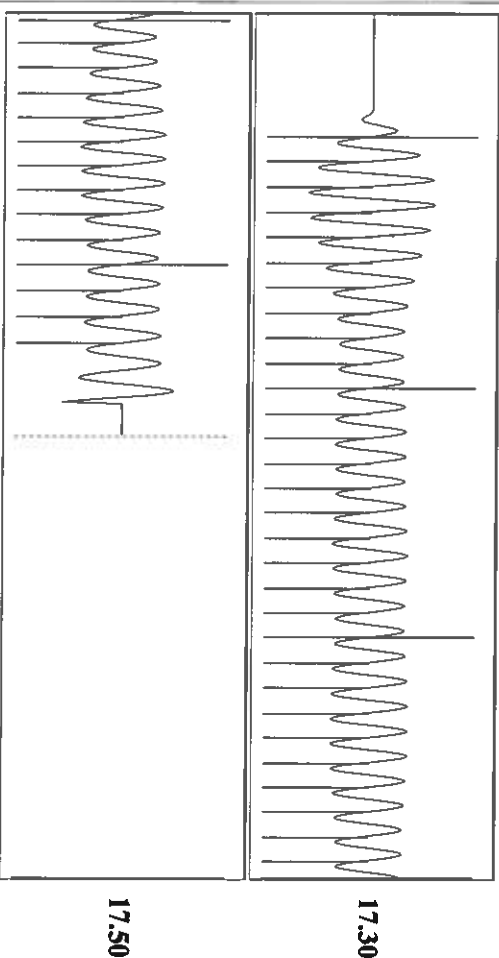
Change in Pressure 0.09 psi

Change in Time 1.00 min

PT14654 Range

0 - ? psi

Group: TAD Well: Williams 5 (acquired on: 04/07/20 10:05:47)



Acoustic Velocity 1101.05 ft/s

Joints Per Second 17.3667 jts/sec

Depth to liquid level 1638.36 ft

Automatic Collar Count Yes

Joints counted 43

Joints to liquid level 51.6834

Filter Width 15.301

Time to 1st Collar 0.284

2.76

April 23, 2020

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

Re: Temporary Abandonment  
API 15-187-21109-00-00  
Williams 5-L21-29-39  
SW/4 Sec.21-29S-39W  
Stanton County, Kansas

Dear Katherine McClurkan:

Your application for Temporary Abandonment (TA) for the above-listed well is denied for the following reasons(s):

**Shut-in Over 10 years**

Pursuant to K.A.R. 82-3-111, the well must be plugged or returned to service by 05/23/2020.

If you wish to instead file an application for an exception to the 10-year limitation of K.A.R. 82-3-111, demonstrating why it is necessary to TA the well for more than 10 years, then you must file the application for an exception by 05/23/2020.

**This deadline does NOT override any compliance deadline given to you in any Commission Order.**

You may contact me if you have any questions.

Sincerely,  
Michael Maier  
KCC DISTRICT 1