

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: \_\_\_\_\_
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: \_\_\_\_\_

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 \_\_\_\_\_ (depth)  Tools in Hole at \_\_\_\_\_ (depth) 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.

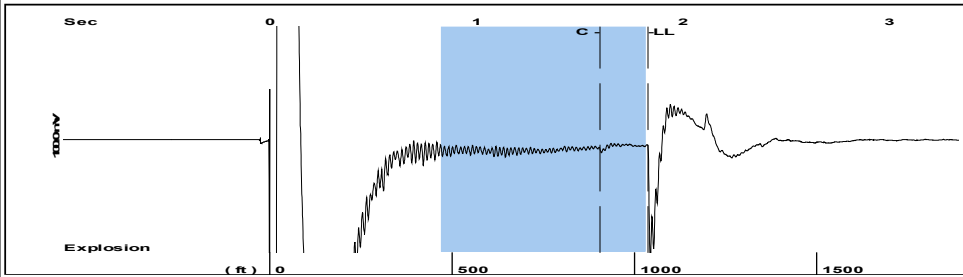
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

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: \_\_\_\_\_

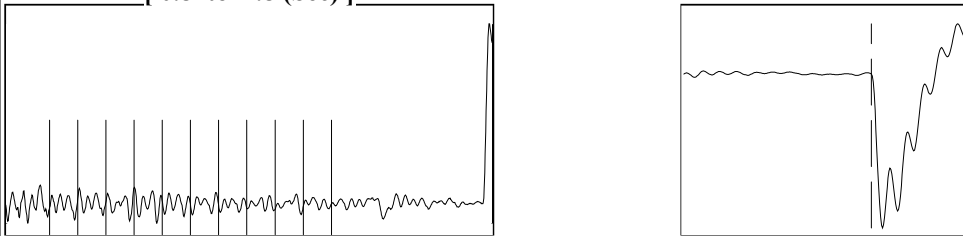
Mail to the Appropriate KCC Conservation Office:

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

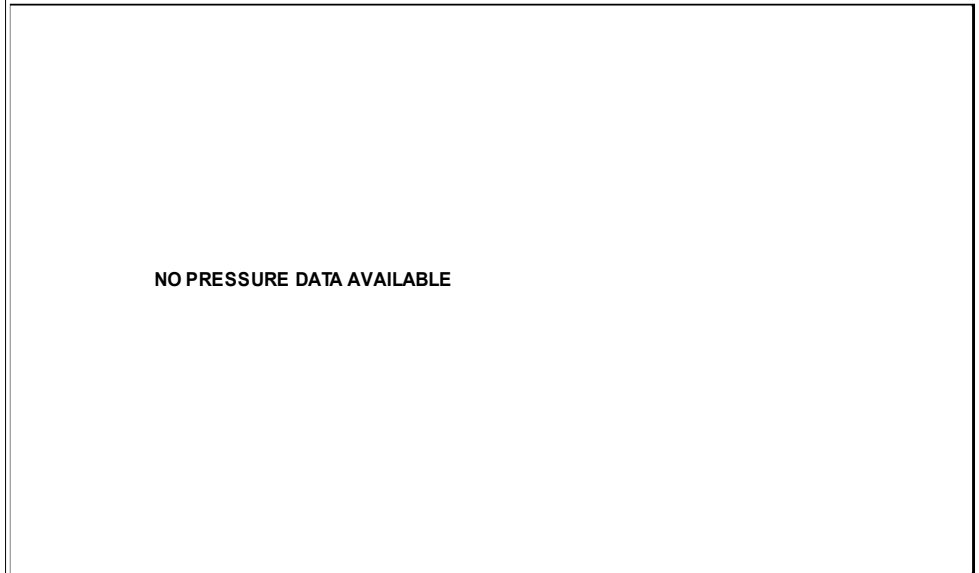


Filter Type High Pass Automatic Collar Count Yes Time 1.831 sec  
 Manual Acoustic Veloc 1094.99 ft/s Manual JTS/sec 17.2712 Joints 32.6964 Jts  
 Depth 1036.48 ft

[ 0.8 to 1.8 (Sec) ]



**Analysis Method: Automatic**



Change in Pressure 0.00 psi NONE  
 Range 0 - ? psi  
 Change in Time 0.00 min

<b>Production</b>		<b>Potential</b>		<b>Casing Pressure</b>		
Current	- * -	BBL/D	0.0	psi (g)	Static	
Oil	- * -	BBL/D	Casing Pressure Buildup	- * -	Oil Column Height	
Water	- * -	BBL/D	- * -	psi	MD 0 ft	
Gas	- * -	Mscf/D	- * -	min		
IPR Method	Vogel	Gas/Liquid Interface Pressure	0.5	psi (g)	Water Column Height	
PBHP/SBHP	- * -	Liquid Level Depth	1036.48	ft	MD 2403 ft	
Production Efficiency	0.0	Pump Intake Depth	3000.00	ft		
Oil 40 deg.API		Formation Depth	3439.00	ft		
Water 1.05 Sp.Gr.H2O						
Gas 0.84 Sp.Gr.AIR						

Acoustic Velocity 1132.14 ft/s

Acoustic Test

17.86

Acoustic Velocity	1132.14	ft/s	Joints counted	24
Joints Per Second	17.8571	jts/sec	Joints to liquid level	32.6964
Depth to liquid level	1036.48	ft	Filter Width	15.2712
Automatic Collar Count	Yes		Time to 1st Collar	0.256
				19.2712
				1.6

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/>

Dwight D. Keen, Chair  
Shari Feist Albrecht, Commissioner  
Jay Scott Emler, Commissioner

Laura Kelly, Governor

February 15, 2019

Jim Farthing  
Empire Energy E&P, LLC  
345 RIVERVIEW ST., STE 540  
WICHITA, KS 67203-4262

Re: Temporary Abandonment  
API 15-051-02109-00-00  
HENDERSON A 2  
NE/4 Sec.07-11S-17W  
Ellis County, Kansas

Dear Jim Farthing:

"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 02/15/2020.

- \* 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 02/15/2020.

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

Very truly yours,

RICHARD WILLIAMS "