



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

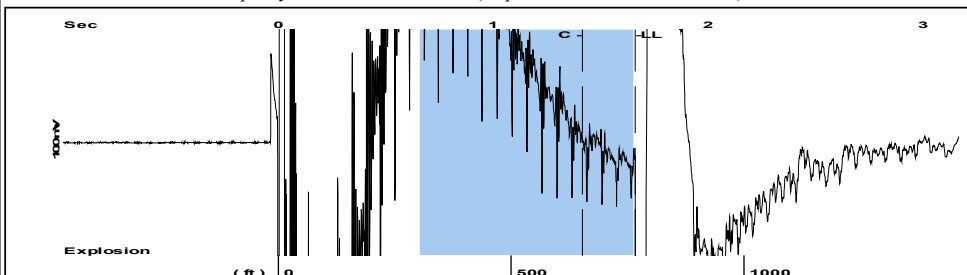
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Submitted Electronically

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: <input type="checkbox"/> Yes <input type="checkbox"/> Denied Date: _____					

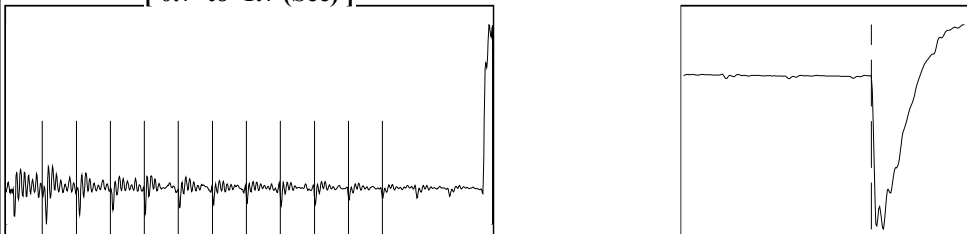
Mail to the Appropriate KCC Conservation Office:

	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 - 1500 SW Seventh Steet, Chanute, KS 66720	Phone 620.432.2300
	KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651	Phone 785.261.6250

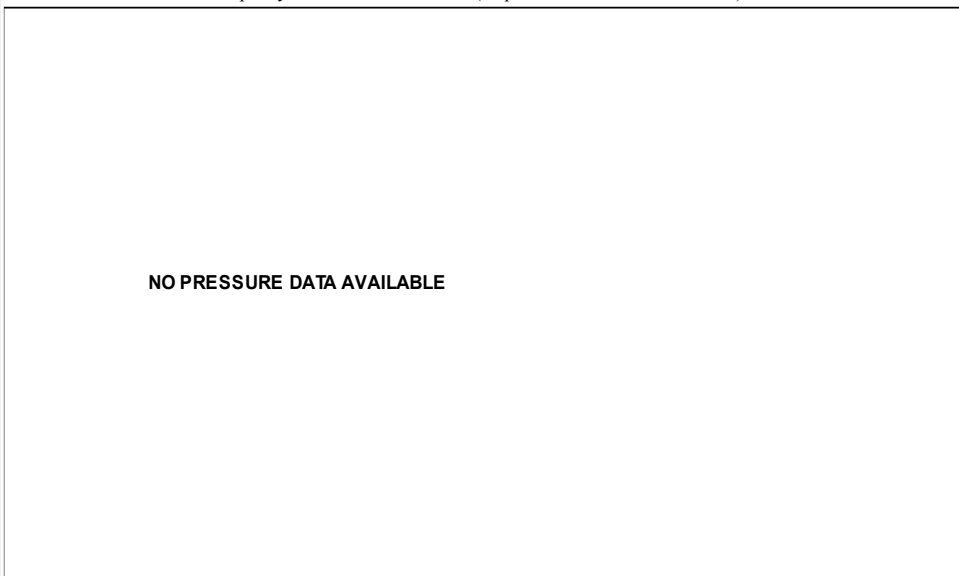


Filter Type High Pass Automatic Collar Count Yes Time 1.662 sec
 Manual Acoustic Velocity 907.01 ft/s Manual JTS/sec 14.3062 Joints 24.1745 Jts
 Depth 766.33 ft

[0.7 to 1.7 (Sec)]



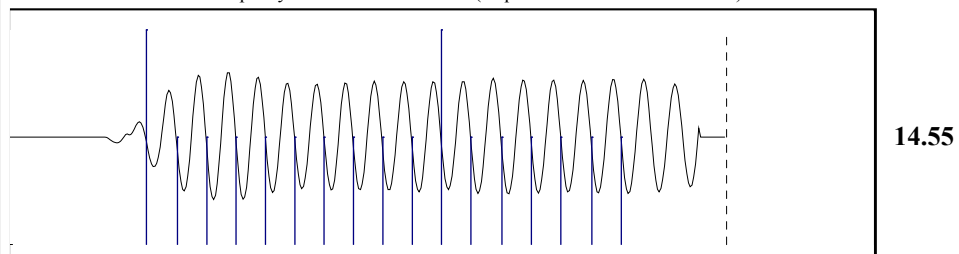
Analysis Method: Automatic



Change in Pressure 0.00 psi PT12830
 Range 0 - ? psi
 Change in Time 0.00 min

Production	Potential	Casing Pressure		Static
Current		-1.0 psi (g)		Oil Column Height
Oil - *-	- *- BBL/D	Casing Pressure Buildup		MD 0 ft
Water - *-	- *- BBL/D	-0.0 psi		Gas/Liquid Interface Pressure
Gas - *-	- *- Mscf/D	1.00 min		-0.6 psi (g)
IPR Method	Vogel	Liquid Level Depth		Water Column Height
PBHP/SBHP	- *-	766.33 ft		MD 1846 ft
Production Efficiency	0.0	Pump Intake Depth		
Oil 40 deg.API		2665.00 ft		Static BHP
Water 1.05 Sp.Gr.H2O		Formation Depth		838.5 psi (g)
Gas 1.04 Sp.Gr.AIR		2612.00 ft		

Acoustic Test



Acoustic Velocity 922.182 ft/s Joints counted 16
 Joints Per Second 14.5455 jts/sec Joints to liquid level 24.1745
 Depth to liquid level 766.333 ft Filter Width 12.3062 16.3062
 Automatic Collar Count Yes Time to 1st Collar 0.316 1.416

Conservation Division
District Office No. 2
3450 N. Rock Road
Building 600, Suite 601
Wichita, KS 67226



Phone: 316-337-7400
Fax: 316-630-4005
<http://kcc.ks.gov/>

Pat Apple, Chairman
Shari Feist Albrecht, Commissioner
Jay Scott Emler, Commissioner

Sam Brownback, Governor

July 17, 2017

Jim Farthing
Empire Energy (Mid-Con) LLC
380 SOUTHPOINTE BLVD
SUITE 130
CANONSBURG, PA 15317

Re: Temporary Abandonment
API 15-015-24038-00-00
CHASE 17-12-31
NW/4 Sec.17-25S-04E
Butler 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 07/17/2018.

- * 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 07/17/2018.

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

Very truly yours,

Jonathan Hill"