



TEMPORARY ABANDONMENT WELL APPLICATION

All blanks must be complete

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

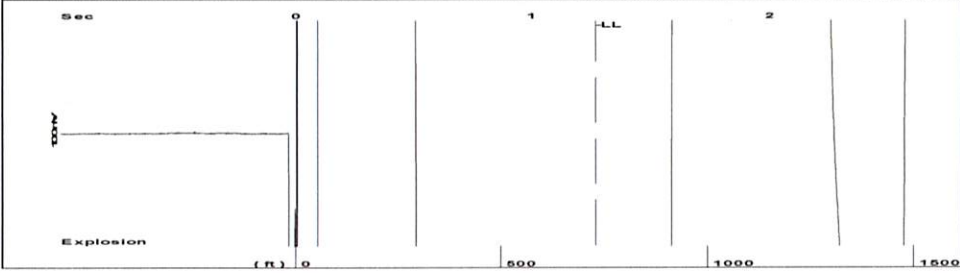
Submitted Electronically

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 620.225.8888
	KCC District Office #2 / UPGS - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.630.4000
	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 785.625.0550

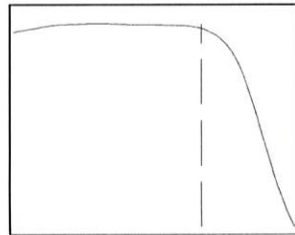
Group: Empire Well: krug #2-#5 WIW (acquired on: 09/24/14 08:22:22)



Time 1.271 sec
 Joints 23.0544 Jts
 Depth 730.82 ft

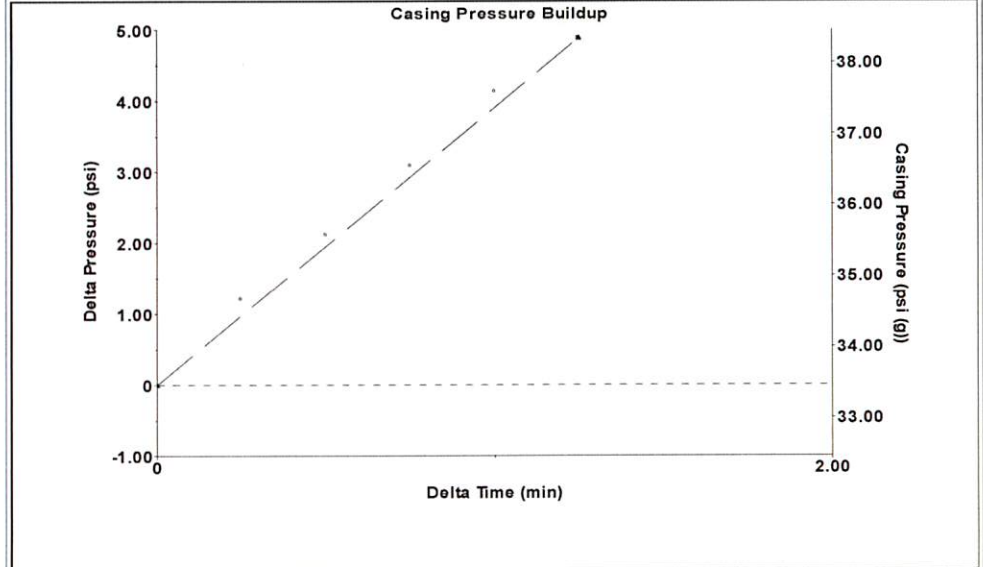
Liquid level calculated with
 user supplied Acoustic Velocity

Acoustic Velocity 1150 ft/s



Analysis Method: Acoustic Velocity

Group: Empire Well: krug #2-#5 WIW (acquired on: 09/24/14 08:22:22)



Change in Pressure 4.88 psi PT 14472
 Change in Time 1.25 min Range 0 - ? psi

Group: Empire Well: krug #2-#5 WIW (acquired on: 09/24/14 08:22:22)

Production					
Current	Potential	Casing Pressure		Producing	
Oil - * -	- * - BBL/D	33.5 psi (g)		Annular	
Water - * -	- * - BBL/D	Casing Pressure Buildup		Gas Flow	
Gas - * -	- * - Mscf/D	4.9 psi		- * - Mscf/D	
		1.25 min		% Liquid	
IPR Method	Vogel	Gas/Liquid Interface Pressure		100 %	
PBHP/SBHP	- * -	- * - psi (g)			
Production Efficiency	0.0				
		Liquid Level Depth			
Oil 40 deg.API		730.82 ft			
Water 1.05 Sp.Gr.H2O					
Gas 0.84 Sp.Gr.AIR		Tubing Intake Depth			
		- * - ft			
Acoustic Velocity	1150 ft/s	Formation Depth			
		3168.30 ft			
Formation Submergence				Tubing Intake	
Total Gaseous Liquid Column HT (TVD)	- * - ft			- * - psi (g)	
Equivalent Gas Free Liquid HT (TVD)	- * - ft			Producing BHP	
				- * - psi (g)	
Acoustic Test				Static BHP	
				- * - psi (g)	

Group: Empire Well: krug #2-#5 WIW (acquired on: 09/24/14 08:22:22)

Entered Acoustic Velocity for Liquid Level depth determination

Conservation Division
District Office No. 4
2301 E. 13th Street
Hays, KS 67601-2651



Phone: 785-625-0550
Fax: 785-625-0564
<http://kcc.ks.gov/>

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

Sam Brownback, Governor

January 12, 2015

Kate Ryan
C12 Kansas Oil, LLC
1900 WAZEE ST.
SUITE 200
DENVER, CO 80202

Re: Temporary Abandonment
API 15-167-07042-00-01
KRUG WFS 5 (B2)
SE/4 Sec.27-14S-14W
Russell County, Kansas

Dear Kate Ryan:

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

**No current
witnessed MIT**

In accordance with K.A.R. 82-3-111, this well must be plugged or returned to service by February 11, 2015.

Sincerely,

RICHARD WILLIAMS