

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

KOLAR Document ID: 1423921

Form CP-111

July 2017

Form must be Typed

Form must be signed

All blanks must be complete

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

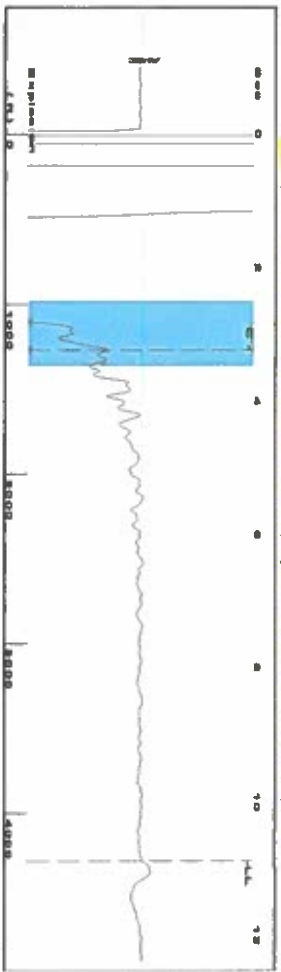
Submitted Electronically

<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:

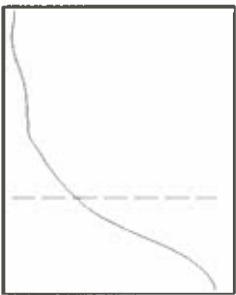
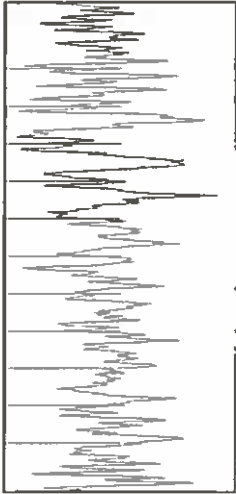
	KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.682.7933
	KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.337.7400
	KCC District Office #3 - 137 E. 21st St., Chanute, KS 66720	Phone 620.902.6450
	KCC District Office #4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

Group: Liberal Wells Well: Della Haworth I (acquired on: 11/05/18 15:06:52)



Filter Type: High Pass Manual Acoustic Vel: 0824.447 ft/s Automatic Collar Count: Yes 13.0039 Manual JTS/sec: 13.0039 Time: 10.89 sec Joints: 135 Jts Depth: 4279.50 ft

2.5 to 3.5 (Sec) |



Analysis Method: Automatic

Group: Liberal Wells Well: Della Haworth I (acquired on: 11/05/18 15:06:52)

Production Current	Potential	Casing Pressure	Static
Oil - - *	- - *	0.1 psi (g)	Oil Column Height MD 0 ft
Water - - *	- - *	Casing Pressure Buildup 2.00 min	Water Column Height MD 2314 ft
Gas - - *	- - *	Gas/Liquid Interface Pressure 2.9 psi (g)	Liquid Level Depth 4279.50 ft
IPR Method PBHP/SBHP	Vogel		Pump Intake Depth 6426.00 ft
Production Efficiency 0.0			Formation Depth 6593.00 ft
Oil 40 deg API			Acoustic Velocity 785.95 ft/s
Water 1.05 Sp.Gr.H2O			
Gas 1.18 Sp.Gr.AIR			



Static BHP 1054.7 psi (g)

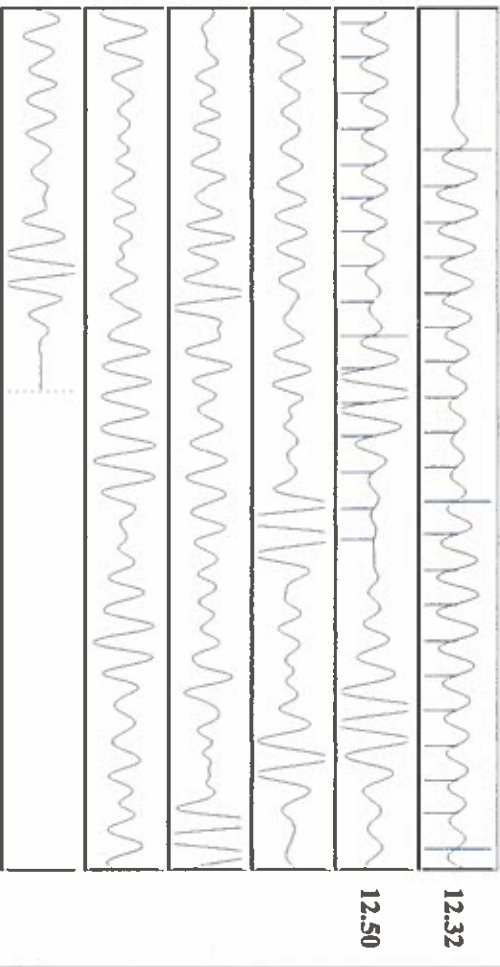
Group: Liberal Wells Well: Della Haworth I (acquired on: 11/05/18 15:06:52)

Shot @ 500#



Change in Pressure: 0.02 psi  
Change in Time: 2.00 min  
PT11249 Range: 0 - ? psi

Group: Liberal Wells Well: Della Haworth I (acquired on: 11/05/18 15:06:52)



Acoustic Velocity	785.95 ft/s	Joints counted	36
Joints Per Second	12.3967 Jts/sec	Joints to liquid level	135
Depth to liquid level	4279.5 ft	Filter Width	11.0039
Automatic Collar Count	Yes	Time to 1st Collar	0.328

# STATE OF KANSAS

CORPORATION COMMISSION  
CONSERVATION DIVISION  
DISTRICT No. 1  
210 E. FRONTVIEW, SUITE A  
DODGE CITY, KS 67801



PHONE: 620-682-7933  
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

November 08, 2018

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 11/08/2019.

- \* 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 11/08/2019.

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

Very truly yours,

Michael Maier"