



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

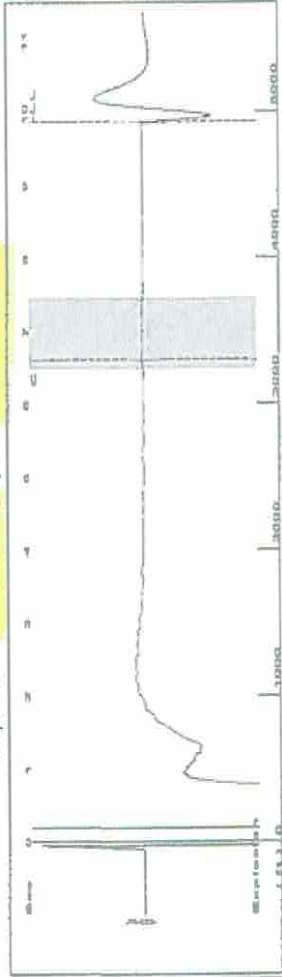
Submitted Electronically

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 620.225.8888
	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 785.625.0550

Group: TAD Well: FMU 502 (acquired on 03/14/17 14:21:52)

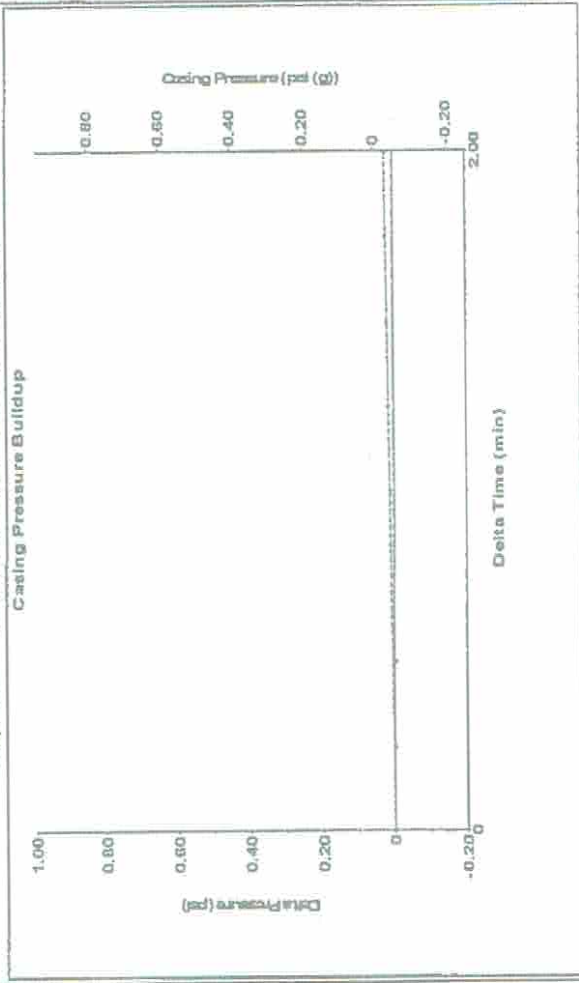


Filter Type High Pass Automatic Collar Count Yes
 Manual Acoustic Velocity 922.853 ft/s Manual JTS/sec 14.556
 Time 9.885 sec
 Joints 155.476 JIS
 Depth 4928.59 ft

6.5 to 7.5 (Sec)



Group: TAD Well: FMU 502 (acquired on 03/14/17 14:21:52)



Change in Pressure 0.02 psi FT8746 Range
 Change in Time 2.00 min

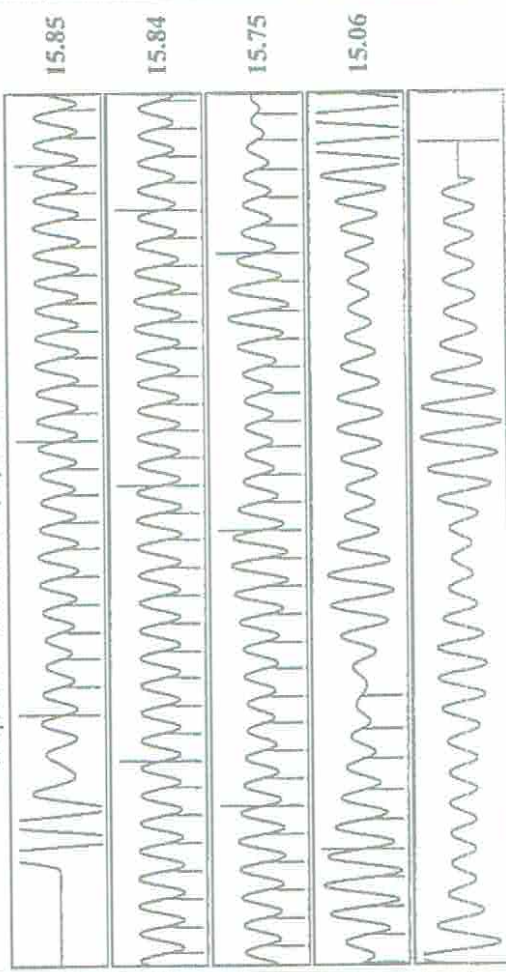
Analysis Method: Automatic

Group: TAD Well: FMU 502 (acquired on 03/14/17 14:21:52)

Production	Potential	Casing Pressure	-0.1 psi (g)
Oil	BBL/D	Casing Pressure Buildup	0.023 psi
Water	BBL/D	Gas/Liquid Interface Pressure	2.5 psi (g)
Gas	Msc/D		
IPR Method	Vogel		
PBHP/SBHP	0.0		
Production Efficiency			
Oil	40 deg API	Liquid Level Depth	4928.59 ft
Water	1.05 Sp Gr H2O	Pump Intake Depth	5251.00 ft
Gas	0.99 Sp Gr AIR	Formation Depth	5225.00 ft
Acoustic Velocity	997.185 ft/s		
Formation Submergence			
Total Gaseous Liquid Column HT (TVD)			322 ft
Equivalent Gas Free Liquid HT (TVD)			322 ft
Acoustic Test			



Group: TAD Well: FMU 502 (acquired on 03/14/17 14:21:52)



Acoustic Velocity 997.185 ft/s Joints counted 95
 Joints Per Second 15.7285 Joints to liquid level 155.476
 Depth to liquid level 4928.59 ft Filter Width 12.556
 Automatic Collar Count Yes Time to 1st Collar 0.576 6.616

March 21, 2017

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

Re: Temporary Abandonment
API 15-081-21362-00-00
Frey Morrow Unit 502
NW/4 Sec.36-27S-34W
Haskell 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 03/21/2018.

- * 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 03/21/2018.

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

Very truly yours,

Michael Maier"