

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form must be Typed

Form must be signed

All blanks must be complete

TEMPORARY ABANDONMENT WELL APPLICATION

OPERATOR: License# 32446

Name: Merit Energy Company, LLC

Address 1: 13727 Noel Road, Suite 1200

Address 2: _____

City: Dallas State: TX Zip: 75240 + 7362

Contact Person: Katherine McClurkan

Phone: (972) 628-1660

Contact Person Email: kathy.mcclurkan@meritenergy.com

Field Contact Person: Darrell Egger

Field Contact Person Phone: (580) 651-1785

API No. 15- 15-129-20107-00-00

Spot Description: S2 S2 NE Sec. 5 Twp. 32 S. R. 39 ☐ E ☒ W
2570 feet from ☒ N / ☐ S Line of Section
1320 feet from ☒ E / ☐ W Line of Section

GPS Location: Lat: _____, Long: _____
 Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84 (e.g. xx.xxxxx) (e.g. -xxx.xxxxx)
 County: Morton Elevation: 3263 ☒ GL ☐ KB
 Lease Name: Yeager B Well #: 2

Well Type: (check one) ☐ Oil ☒ Gas ☐ OG ☐ WSW ☐ Other: _____
☐ SWD Permit #: _____ ☐ ENHR Permit #: _____
☐ Gas Storage Permit #: _____
 Spud Date: 05/16/1973 Date Shut-In: 05/01/2019

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size	N/A	8.625	5.5	N/A	N/A	2.375
Setting Depth		597	2932			2745
Amount of Cement		450	650			N/A
Top of Cement		0	0			N/A
Bottom of Cement		597	2932			N/A

Casing Fluid Level from Surface: 2526 How Determined? Echometer Date: 04/15/2021

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 _____ (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
 (depth) (depth)

Packer Type: _____ Size: _____ Inch Set at: _____ Feet

Total Depth: 2933 Plug Back Depth: _____ Plug Back Method: _____

Geological Date:

Formation Name Council Grove Formation Top _____ Formation Base _____ Completion Information
 1. _____ At: _____ to _____ Feet Perforation Interval 2750 to 2892 Feet or Open Hole Interval _____ to _____ Feet
 2. _____ At: _____ to _____ Feet Perforation Interval _____ to _____ Feet or Open Hole Interval _____ to _____ Feet

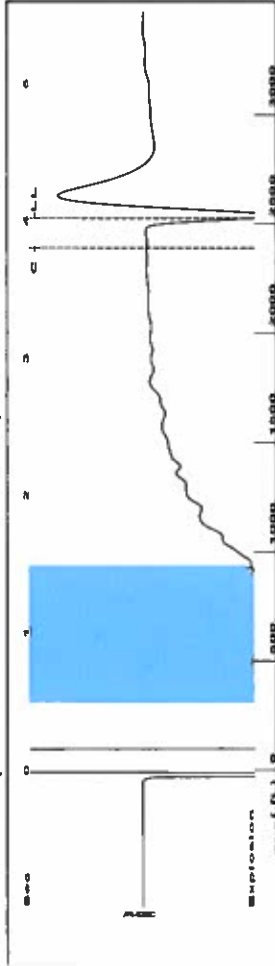
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

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: <u>Michael Maier</u> Comments: _____					
TA Approved: ☒ Yes ☐ Denied Date: <u>05/11/2021</u>					

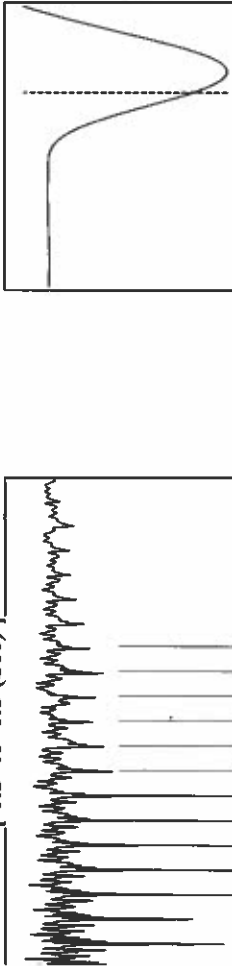
Mail to the Appropriate KCC Conservation Office:

	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

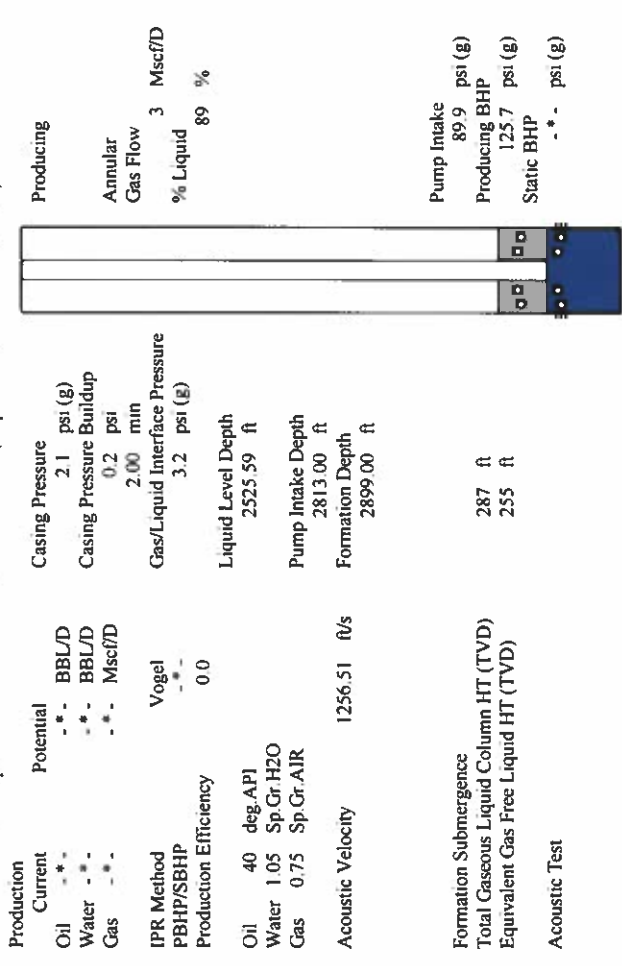


Filter Type High Pass Automatic Collar Count Yes Time 4.02 sec
Manual Acoustic Velocity 1243.14 ft/s Manual JTS/sec 19.6078 Joints 79.6716 Jts
Depth 2525.59 ft

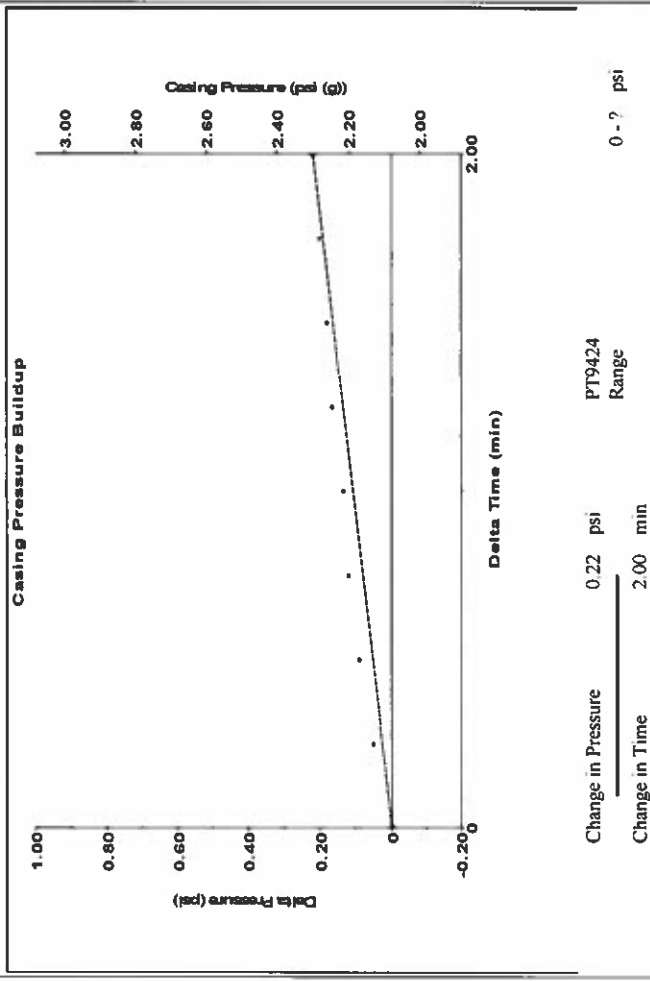
[0.5 to 1.5 (Sec)]



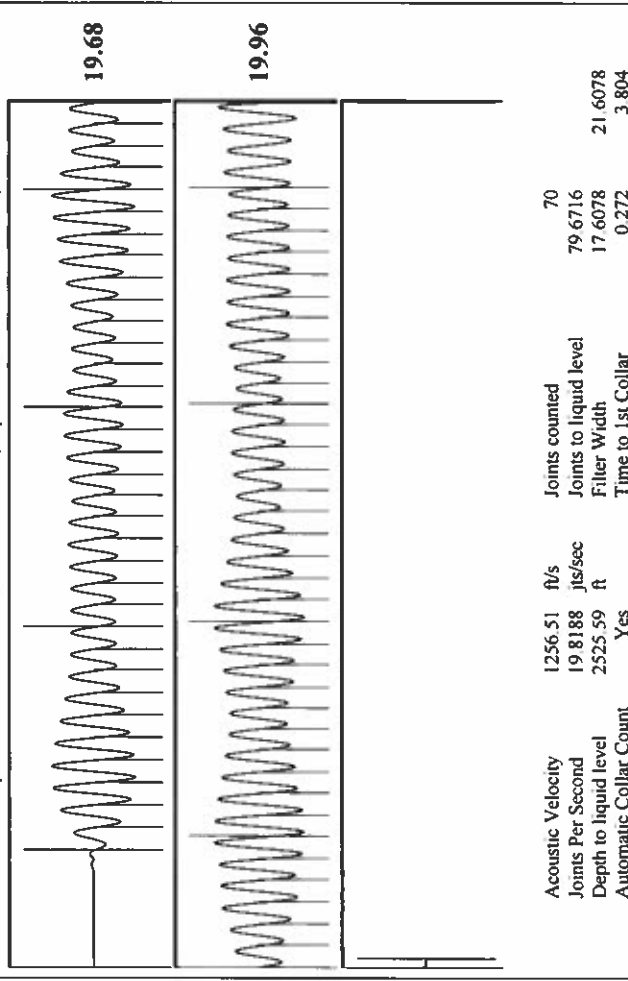
Analysis Method: Automatic



Production	Potential	Casing Pressure	Producing
Oil 40 deg API	- - - BBL/D	2.1 psi (g)	Annular
Water 1.05 Sp Gr H2O	- - - BBL/D	0.2 psi	Gas Flow 3 Mscf/D
Gas 0.75 Sp Gr AIR	- - - Mscf/D	2.00 min	% Liquid 89 %
IPR Method	Vogel	Gas/Liquid Interface Pressure	
PBHP/SBHP	- - -	3.2 psi (g)	
Production Efficiency	0.0		
Acoustic Velocity	1256.51 ft/s	Liquid Level Depth	Pump Intake
		2525.59 ft	89.9 psi (g)
		Pump Intake Depth	Producing BHP
		2813.00 ft	125.7 psi (g)
		Formation Depth	Static BHP
		2899.00 ft	- - - psi (g)
Formation Submergence			
Total Gaseous Liquid Column HT (TVD)	287 ft		
Equivalent Gas Free Liquid HT (TVD)	255 ft		
Acoustic Test			



Change in Pressure 0.22 psi PT9424 Range
Change in Time 2.00 min



Acoustic Velocity 1256.51 ft/s Joints counted 70
Joints Per Second 19.8188 jts/sec Joints to liquid level 79.6716
Depth to liquid level 2525.59 ft Filler Width 17.6078
Automatic Collar Count Yes Time to 1st Collar 0.272
3.804

May 11, 2021

Katherine McClurkan
Merit Energy Company, LLC
13727 Noel Road, Suite 1200
Dallas, TX 75240-7362

Re: Temporary Abandonment
API 15-129-20107-00-00
Yeager B 2
NE/4 Sec.05-32S-39W
Morton 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 05/11/2022.

- * 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 05/11/2022.

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

Very truly yours,

Michael Maier"