

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: Idania Medina

Phone: (972) 628-1446

Contact Person Email: idania.medina@meritenergy.com

Field Contact Person: Sergio Rios

Field Contact Person Phone: (620) 655-6330

API No. 15- 15-129-21807-00-01

Spot Description: SW SW SW NE Sec. 20 Twp. 31 S. R. 39 ☐ E ☒ W
2380 feet from ☒ N / ☐ S Line of Section
2387 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: 3222 ☐ GL ☐ KB
 Lease Name: Trahern Well #: 6-G20-31-39

Well Type: (check one) ☒ Oil ☐ Gas ☐ OG ☐ WSW ☐ Other: _____
☐ SWD Permit #: _____ ☐ ENHR Permit #: _____
☐ Gas Storage Permit #: _____
 Spud Date: 03/30/2015 Date Shut-In: 01/15/2020

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size	N/A	8.625	5.5	N/A	N/A	2.8750
Setting Depth		1701	6100			6003
Amount of Cement		725	350			N/A
Top of Cement		0	3130			N/A
Bottom of Cement		1701	6100			N/A

Casing Fluid Level from Surface: 5629 How Determined? echometer Date: 03/13/2025

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: 6100 Plug Back Depth: 607 Plug Back Method: Cement

Geological Date:

Formation Name St. Louis Formation Top _____ Formation Base _____ Completion Information
 1. _____ At: _____ to _____ Feet Perforation Interval 5910 to 5974 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

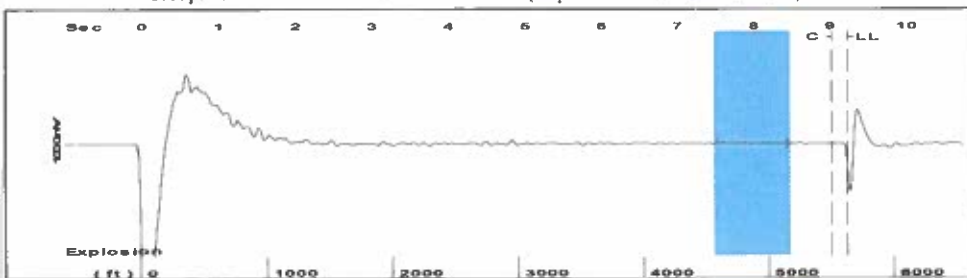
Submitted Electronically

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>03/20/2025</u>					

Mail to the Appropriate KCC Conservation Office:

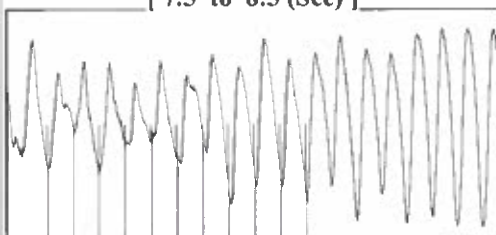
	KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801	Phone 620.682.7933
	KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226	Phone 316.337.7400
	KCC District Office #3 - 137 E. 21st St., Chanute, KS 66720	Phone 620.902.6450
	KCC District Office #4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

Group: TA'D WELLS Well: Trahern 6-G20 (acquired on: 03/13/25 11:17:51)



Filter Type High Pass Automatic Collar Count Yes Time 9.242 sec
Manual Acoustic Velocity 1203.04 ft/s Manual JTS/sec 18.9753 Joints 177.568 Jts
Depth 5628.91 ft

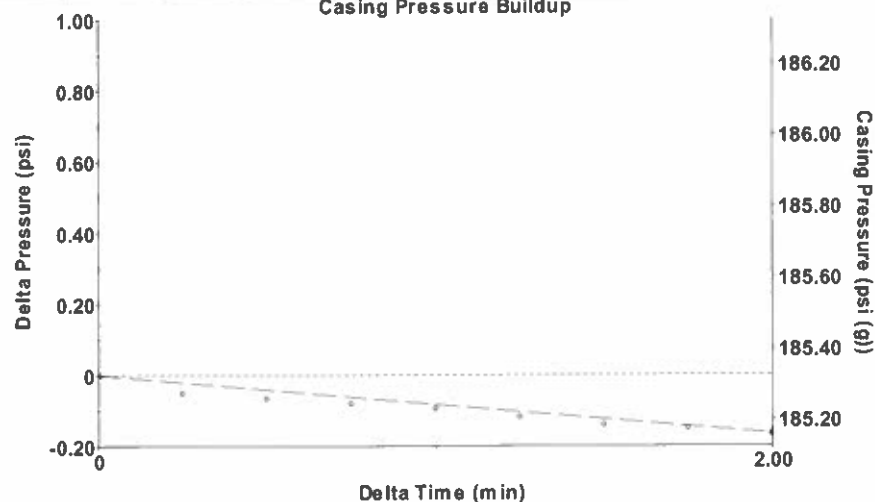
[7.5 to 8.5 (Sec)]



Analysis Method: Automatic

Group: TA'D WELLS Well: Trahern 6-G20 (acquired on: 03/13/25 11:17:51)

Casing Pressure Buildup



Change in Pressure -0.17 psi PT10411
Change in Time 2.00 min Range 0 - ? psi

Group: TA'D WELLS Well: Trahern 6-G20 (acquired on: 03/13/25 11:17:51)

Production	Potential	Casing Pressure
Oil - *	- * BBL/D	185.3 psi (g)
Water - *	- * BBL/D	Casing Pressure Buildup
Gas - *	- * Mscf/D	-0.2 psi
		2.00 min
IPR Method	Vogel	Gas/Liquid Interface Pressure
PBHP/SBHP	- *	217.1 psi (g)
Production Efficiency	0.0	
Oil 40 deg.API		Liquid Level Depth
Water 1.05 Sp.Gr H2O		5628.91 ft
Gas 0.76 Sp.Gr AIR		Pump Intake Depth
		5988.00 ft
Acoustic Velocity	1218.12 ft/s	Formation Depth
		6003.00 ft

Producing

Annular Gas Flow

0 Mscf/D

% Liquid

100 %

Formation Submergence

Total Gaseous Liquid Column HT (TVD) 359 ft

Equivalent Gas Free Liquid HT (TVD) 359 ft

Acoustic Test

Pump Intake

336.7 psi (g)

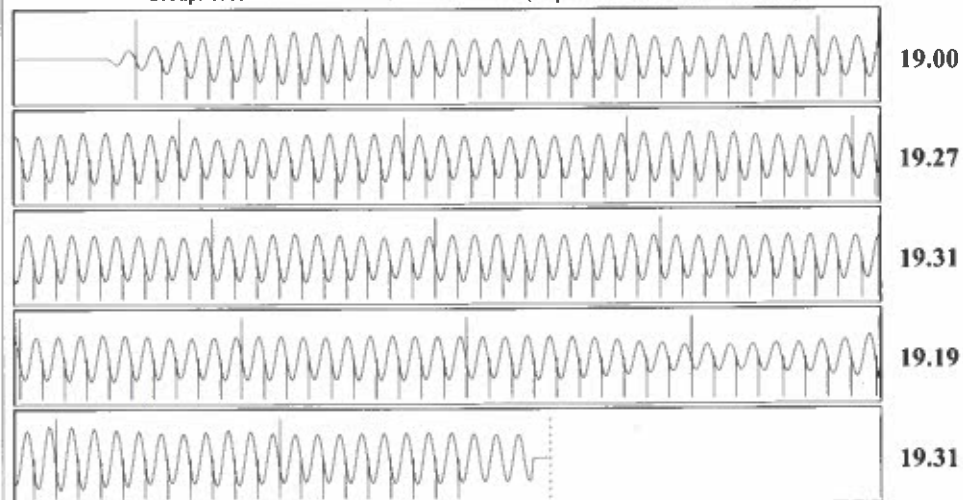
Producing BHP

343.5 psi (g)

Static BHP

- * psi (g)

Group: TA'D WELLS Well: Trahern 6-G20 (acquired on: 03/13/25 11:17:51)



Acoustic Velocity	1218.12 ft/s	Joints counted	168
Joints Per Second	19.2132 jts/sec	Joints to liquid level	177.568
Depth to liquid level	5628.91 ft	Filter Width	16.9753
Automatic Collar Count	Yes	Time to 1st Collar	0.284

03/20/2025

Idania Medina
Merit Energy Company, LLC
13727 Noel Road, Suite 1200
Dallas, TX 75240-7362

Re: Temporary Abandonment
API 15-129-21807-00-01
Trahern 6-G20-31-39
NE/4 Sec.20-31S-39W
Morton County, Kansas

Dear Idania Medina:

"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 03/20/2026.

- * 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 03/20/2026.

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

Very truly yours,

Michael Maier"