

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 + _____

Contact Person: Katherine McClurkan

Phone: (972) 628-1660

Contact Person Email: kathy.mcclurkan@meritenergy.com

Field Contact Person: Gary Ralstin

Field Contact Person Phone: (620) 630-0508

API No. 15- 15-129-00319-00-00

Spot Description: SW SW SE NE Sec. 11 Twp. 33 S. R. 41 ☐ E ☒ W
2475 feet from ☒ N / ☐ S Line of Section
1276 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: 3431 ☐ GL ☒ KB
 Lease Name: Barker Well #: 1-11

Well Type: (check one) ☐ Oil ☒ Gas ☐ OG ☐ WSW ☐ Other: _____
☐ SWD Permit #: _____ ☐ ENHR Permit #: _____
☐ Gas Storage Permit #: _____
 Spud Date: 06/11/1956 Date Shut-In: 07/26/2016

	Conductor	Surface	Production	Intermediate	Liner	Tubing
Size	N/A	7	4.5	N/A	N/A	2.0625
Setting Depth		426	2348			2335
Amount of Cement		125	300			N/A
Top of Cement		0	0			N/A
Bottom of Cement		426	2348			N/A

Casing Fluid Level from Surface: 1886 How Determined? Echometer Date: 07/09/2024

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: 2371 Plug Back Depth: _____ Plug Back Method: _____

Geological Date:

Formation Name Formation Top Formation Base Completion Information

1. Chase Group At: _____ to _____ Feet Perforation Interval 2213 to 2294 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

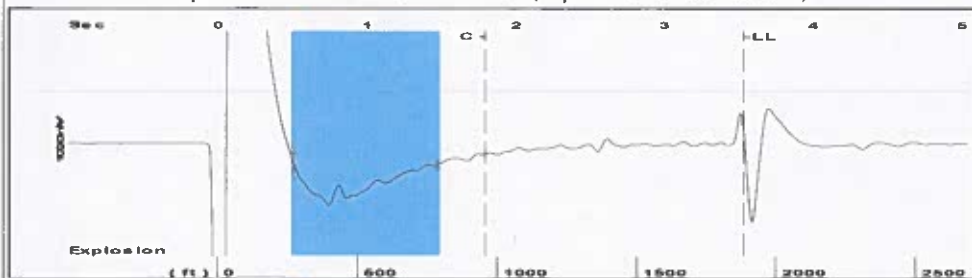
Submitted Electronically

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>07/23/2024</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

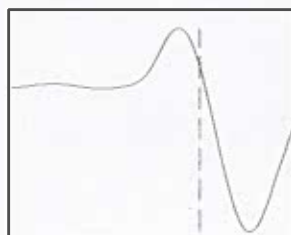
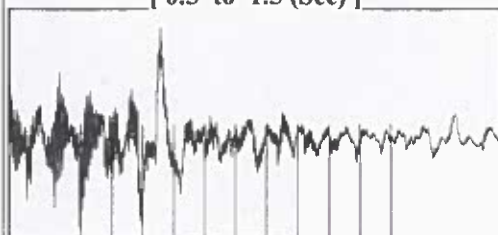
Group: TA'D WELLS Well: BARKER I-11 (acquired on: 07/09/24 12:26:12)



Filter Type High Pass Automatic Collar Count Yes
Manual Acoustic Velocity 1006.35 ft/s Manual JTS/sec 15.873

Time 3.538 sec
Joints 59.4839 Jts
Depth 1885.64 ft

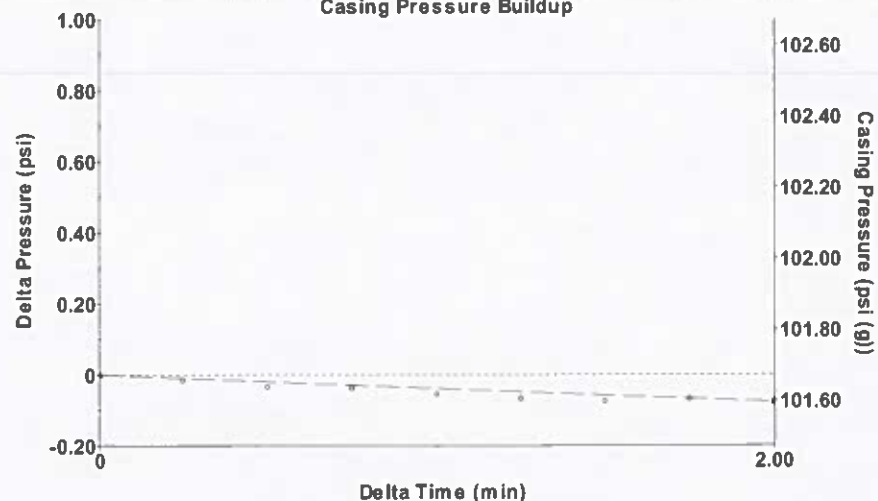
[0.5 to 1.5 (Sec)]



Analysis Method: Automatic

Group: TA'D WELLS Well: BARKER I-11 (acquired on: 07/09/24 12:26:12)

Casing Pressure Buildup



Change in Pressure -0.08 psi
Change in Time 2.00 min

PT10411
Range 0 - 2 psi

Group: TA'D WELLS Well: BARKER I-11 (acquired on: 07/09/24 12:26:12)

Production
Current Potential
Oil - * - BBL/D
Water - * - BBL/D
Gas - * - Mscf/D

IPR Method Vogel
PBHP/SBHP - * -
Production Efficiency 0.0

Oil 40 deg.API
Water 1.05 Sp.Gr.H2O
Gas 0.90 Sp.Gr.AIR

Acoustic Velocity 1065.94 ft/s

Formation Submergence
Total Gaseous Liquid Column HT (TVD) 449 ft
Equivalent Gas Free Liquid HT (TVD) 449 ft

Acoustic Test

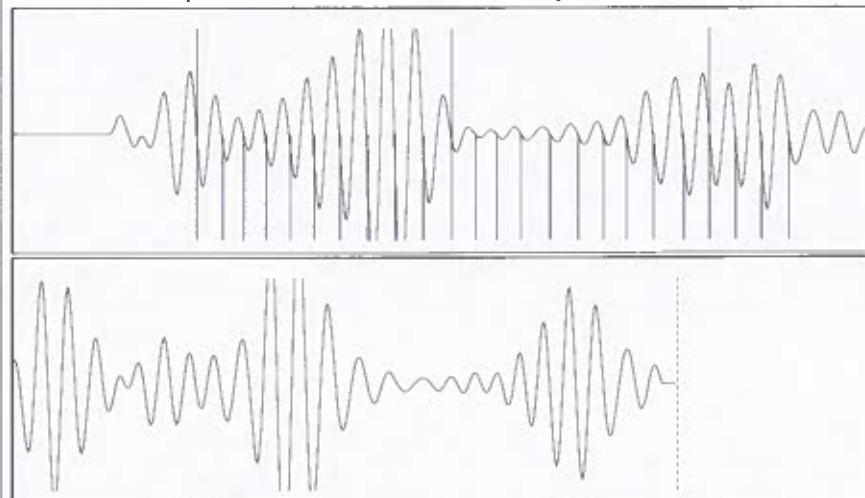
Casing Pressure 101.7 psi (g)
Casing Pressure Buildup -0.1 psi
2.00 min
Gas/Liquid Interface Pressure 108.7 psi (g)
Liquid Level Depth 1885.64 ft
Pump Intake Depth 2335.00 ft
Formation Depth 2371.00 ft



Producing
Annular Gas Flow 0 Mscf/D
% Liquid 100 %

Pump Intake 260.7 psi (g)
Producing BHP 277.0 psi (g)
Static BHP - * - psi (g)

Group: TA'D WELLS Well: BARKER I-11 (acquired on: 07/09/24 12:26:12)



Acoustic Velocity 1065.94 ft/s Joints counted 23
Joints Per Second 16.8129 jts/sec Joints to liquid level 59.4839
Depth to liquid level 1885.64 ft Filter Width 13.873 17.873
Automatic Collar Count Yes Time to 1st Collar 0.428 1.796

07/23/2024

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

Re: Temporary Abandonment
API 15-129-00319-00-00
Barker 1-11
NE/4 Sec.11-33S-41W
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 07/23/2025.

- * 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 07/23/2025.

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

Very truly yours,

Michael Maier"