

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

## 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  
 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: 2514 How Determined? Echometer Date: 05/11/2022

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 Formation Top Formation Base Completion Information

1. Council Grove 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

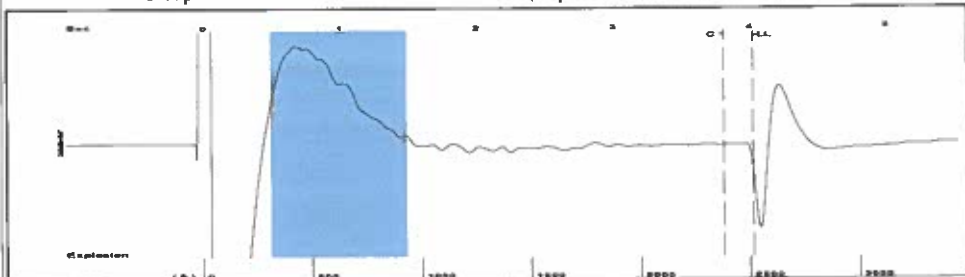
Submitted Electronically

|                                                                                                              |                                                           |                |                     |                      |                                 |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|---------------------|----------------------|---------------------------------|
| 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: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Denied Date: <u>05/19/2022</u> |                                                           |                |                     |                      |                                 |

## Mail to the Appropriate KCC Conservation Office:

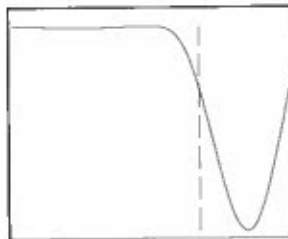
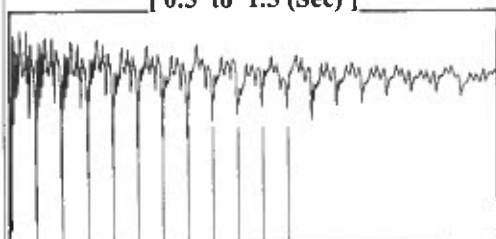
|                                                                                    |                                                                                        |                    |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------|
|  | 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: Elkhart Route 3 Well: YEAGER B-2 (acquired on: 05/11/22 13:43:58 )



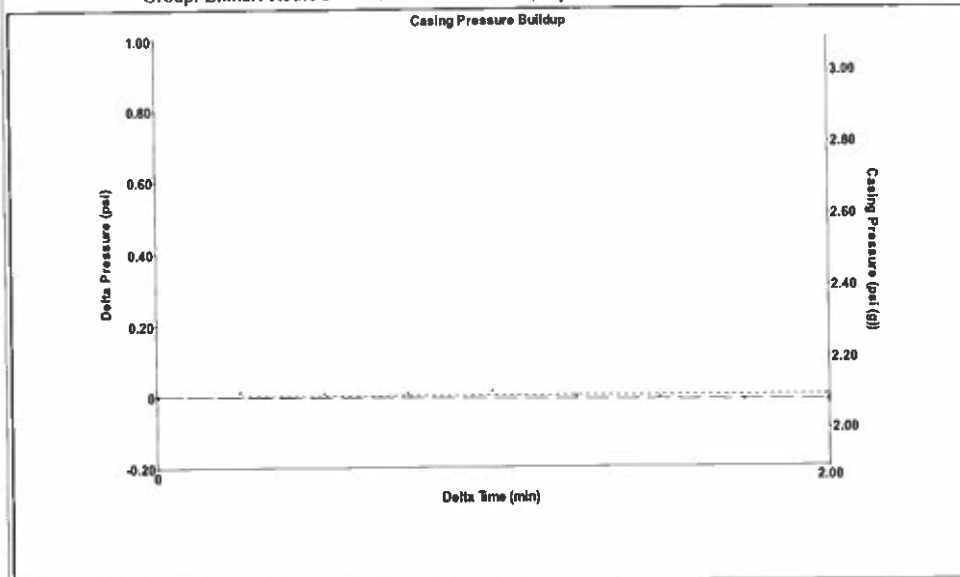
Filter Type High Pass Automatic Collar Count Yes Time 4.027 sec  
Manual Acoustic Velo 1240.39 ft/s Manual JTS/sec 19.4175 Joints 78.7074  
Depth 2513.91 ft

[ 0.5 to 1.5 (Sec) ]



Analysis Method: Automatic

Group: Elkhart Route 3 Well: YEAGER B-2 (acquired on: 05/11/22 13:43:58 )



Change in Pressure -0.01 psi PT9424  
Change in Time 2.00 min Range 0 - ? psi

Group: Elkhart Route 3 Well: YEAGER B-2 (acquired on: 05/11/22 13:43:58 )

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 0.75 Sp.Gr.AIR

Acoustic Velocity 1248.53 ft/s

Formation Submergence  
Total Gaseous Liquid Column HT (TVD) 361 ft  
Equivalent Gas Free Liquid HT (TVD) 361 ft

Acoustic Test

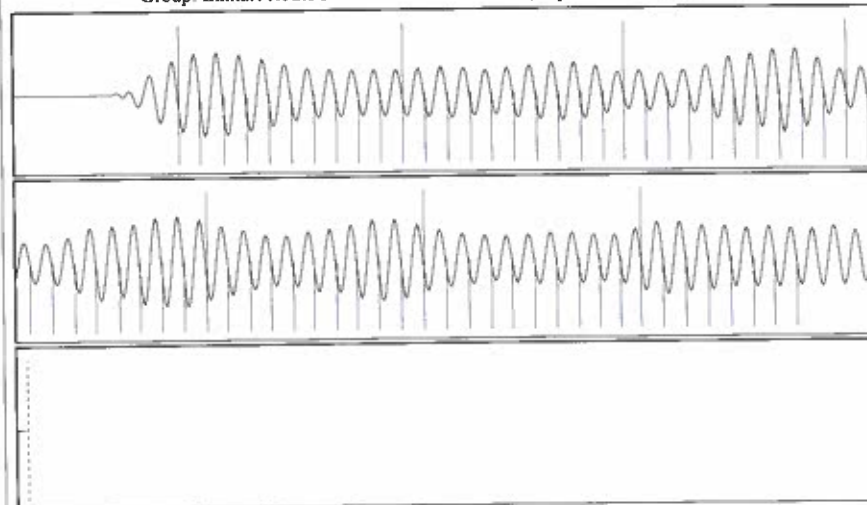
Casing Pressure 2.1 psi (g)  
Casing Pressure Buildup -0.014 psi  
2.00 min  
Gas/Liquid Interface Pressure 3.2 psi (g)  
Liquid Level Depth 2513.91 ft  
Pump Intake Depth 2875.00 ft  
Formation Depth 2899.00 ft



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

Pump Intake 125.7 psi (g)  
Producing BHP 136.6 psi (g)  
Static BHP - \* - psi (g)

Group: Elkhart Route 3 Well: YEAGER B-2 (acquired on: 05/11/22 13:43:58 )



Acoustic Velocity 1248.53 ft/s Joints counted 67  
Joints Per Second 19.5449 jts/sec Joints to liquid level 78.7074  
Depth to liquid level 2513.91 ft Filter Width 17.4175 21.4175  
Automatic Collar Count Yes Time to 1st Collar 0.384 3.812

Conservation Division  
District Office No. 1  
210 E. Frontview, Suite A  
Dodge City, KS 67801



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

Dwight D. Keen, Chair  
Susan K. Duffy, Commissioner  
Andrew J. French, Commissioner

Laura Kelly, Governor

May 19, 2022

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 05/19/2023.

- \* 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 05/19/2023.

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

Very truly yours,

Michael Maier"