

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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

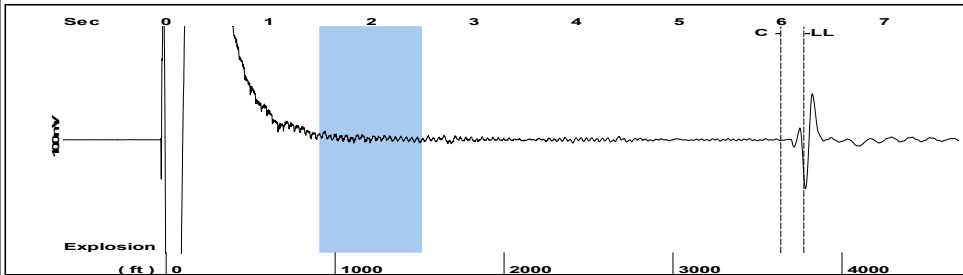
Submitted Electronically

|   |  |                |                     |                      |                                 |
|---|--|----------------|---------------------|----------------------|---------------------------------|
| <b>Do NOT Write in This Space - KCC USE ONLY</b>                                      | 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:

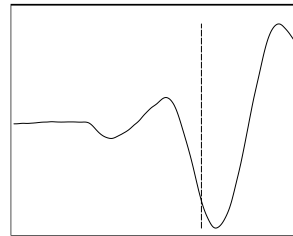
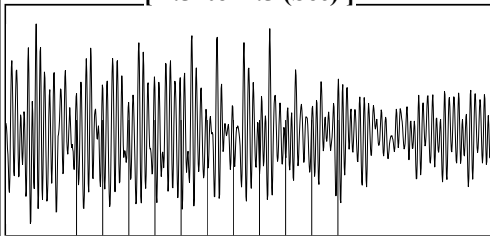
|  |  |                    |
|--|--|--------------------|
|  | KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801               | Phone 620.682.7933 |
|  | KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226 | Phone 316.337.7400 |
|  | KCC District 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: MyWells Well: Sorenson #1-22 (acquired on: 08/22/23 11:12:48 )



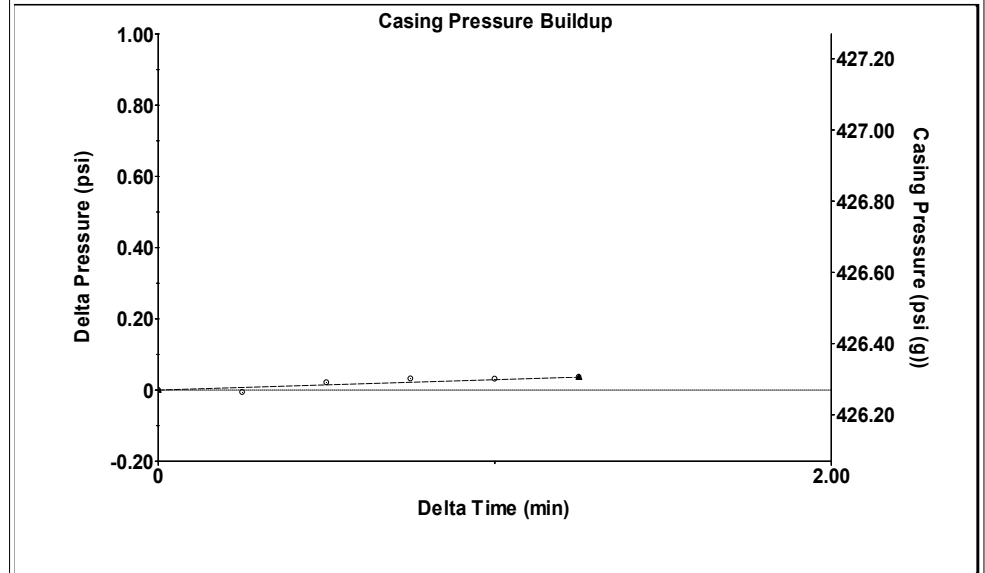
Filter Type High Pass Automatic Collar Count Yes Time 6.217 sec  
 Manual Acoustic Veloc 1180.63 ft/s Manual JTS/sec 18.622 Joints 119.058 Jts  
 Depth 3774.14 ft

[ 1.5 to 2.5 (Sec) ]



**Analysis Method: Automatic**

Group: MyWells Well: Sorenson #1-22 (acquired on: 08/22/23 11:12:48 )

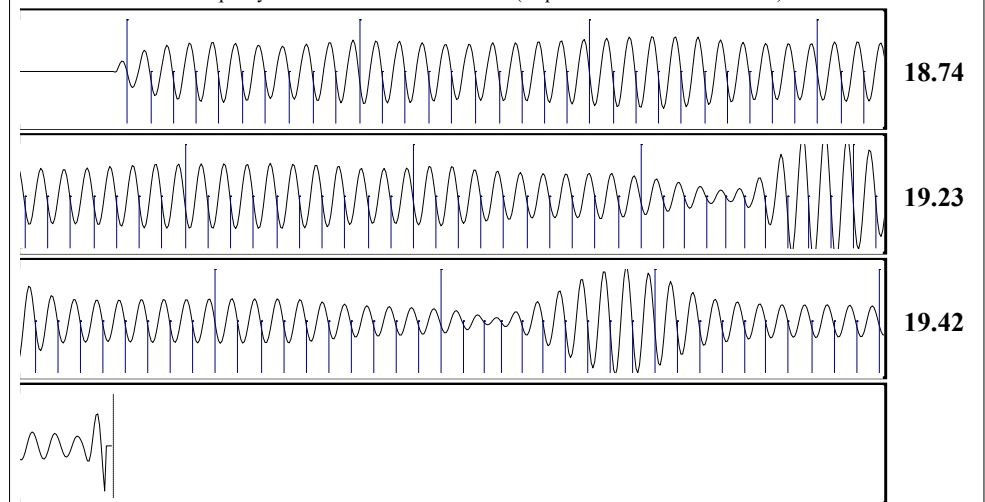


Change in Pressure 0.04 psi PT 8064  
 Change in Time 1.25 min Range 0 - ? psi

Group: MyWells Well: Sorenson #1-22 (acquired on: 08/22/23 11:12:48 )

|  |                  |                               |                  |
|--|------------------|-------------------------------|------------------|
| <b>Production</b>                            | <b>Potential</b> | <b>Casing Pressure</b>        | <b>Producing</b> |
| Oil - *-                                     | - *- BBL/D       | 426.3 psi (g)                 | Annular          |
| Water - *-                                   | - *- BBL/D       | Casing Pressure Buildup       | Gas Flow         |
| Gas - *-                                     | - *- Mscf/D      | 0.036 psi                     | 1.25 min         |
|  |                  | Gas/Liquid Interface Pressure | 1 Mscf/D         |
|  |                  | 472.6 psi (g)                 | % Liquid         |
|  |                  |                               | 100 %            |
| <b>IPR Method</b>                            | <b>Vogel</b>     | <b>Liquid Level Depth</b>     |                  |
| PBHP/SBHP - *-                               | - *-             | 3774.14 ft                    |                  |
| Production Efficiency 0.0                    |                  | <b>Pump Intake Depth</b>      |                  |
|  |                  | - *- ft                       |                  |
| <b>Oil 40 deg.API</b>                        |                  | <b>Formation Depth</b>        |                  |
| <b>Water 1.05 Sp.Gr.H2O</b>                  |                  | 3750.00 ft                    |                  |
| <b>Gas 0.74 Sp.Gr.AIR</b>                    |                  |                               |                  |
| <b>Acoustic Velocity 1214.14 ft/s</b>        |                  |                               |                  |
|  |                  |                               |                  |
| <b>Formation Submergence</b>                 |                  |                               |                  |
| Total Gaseous Liquid Column HT (TVD) - *- ft |                  |                               |                  |
| Equivalent Gas Free Liquid HT (TVD) - *- ft  |                  |                               |                  |
| <b>Acoustic Test</b>                         |                  |                               |                  |

Group: MyWells Well: Sorenson #1-22 (acquired on: 08/22/23 11:12:48 )



Acoustic Velocity 1214.14 ft/s Joints counted 110  
 Joints Per Second 19.1504 jts/sec Joints to liquid level 119.058  
 Depth to liquid level 3774.14 ft Filter Width 16.622 20.622  
 Automatic Collar Count Yes Time to 1st Collar 0.248 5.992

Conservation Division  
District Office No. 2  
3450 N. Rock Road  
Building 600, Suite 601  
Wichita, KS 67226



Phone: 316-337-7400  
<http://kcc.ks.gov/>

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

Laura Kelly, Governor

August 23, 2023

Michael Reilly  
Grand Mesa Operating Company  
1700 N WATERFRONT PKWY BLDG 600  
WICHITA, KS 67206-5514

Re: Temporary Abandonment  
API 15-155-21786-00-00  
SORENSEN 1-22  
SW/4 Sec.22-24S-08W  
Reno County, Kansas

Dear Michael Reilly:

"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 08/23/2024.

- \* 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 08/23/2024.

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

Very truly yours,

Virgil Clothier"