

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

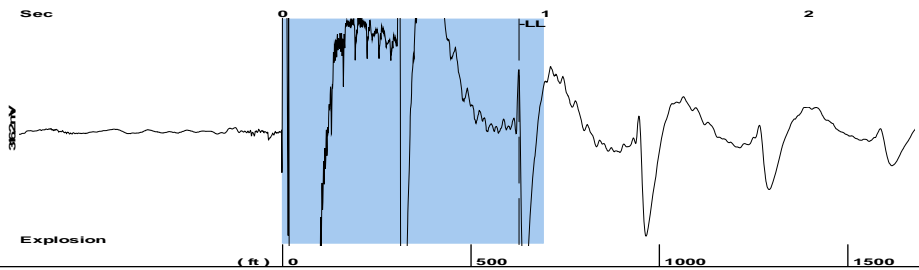
Submitted Electronically

|   |  |                |                     |                      |                                 |
|---|--|----------------|---------------------|----------------------|---------------------------------|
| <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:

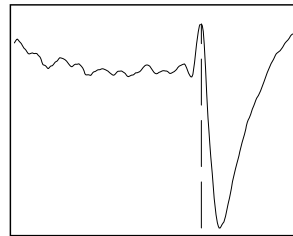
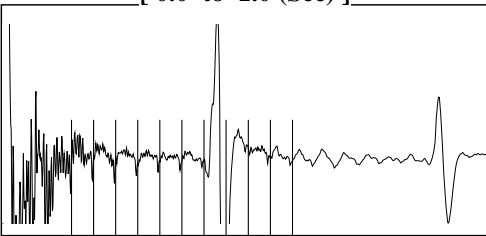
|  |  |                    |
|--|--|--------------------|
|  | KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801               | Phone 620.682.7933 |
|  | KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226 | Phone 316.337.7400 |
|  | KCC District 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: Wells Well: ryan 18-2 (acquired on: 03/01/18 10:39:39 )



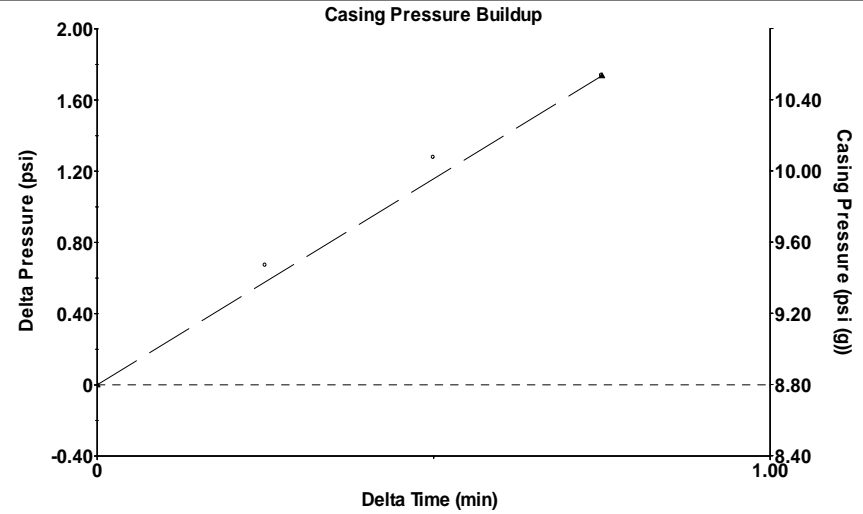
Filter Type High Pass Automatic Collar Count Yes Time 0.898 sec  
 Manual Acoustic Velo 1396.48 ft/s Manual JTS/sec 22.0264 Joints 19.7797 Jts  
 Depth 627.02 ft

[ 0.0 to 1.0 (Sec) ]



Analysis Method: Manual

Group: Wells Well: ryan 18-2 (acquired on: 03/01/18 10:39:39 )

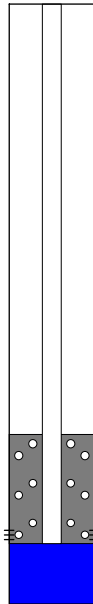


Change in Pressure 1.74 psi PT12858  
 Change in Time 0.75 min Range 0 - ? psi

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|                                      |              |                               |                  |
|--------------------------------------|--------------|-------------------------------|------------------|
| Production Current                   | Potential    | Casing Pressure               | Producing        |
| Oil - * -                            | - * - BBL/D  | 8.8 psi (g)                   | Annular Gas Flow |
| Water - * -                          | - * - BBL/D  | Casing Pressure Buildup       | 9 Mscf/D         |
| Gas - * -                            | - * - Mscf/D | 1.7 psi                       | % Liquid         |
|                                      |              | 0.75 min                      | 63 %             |
| IPR Method                           | Vogel        | Gas/Liquid Interface Pressure |                  |
| PBHP/SBHP                            | - * -        | 9.1 psi (g)                   |                  |
| Production Efficiency                | 0.0          |                               |                  |
|                                      |              | Liquid Level Depth            |                  |
| Oil 40 deg.API                       |              | 627.02 ft                     |                  |
| Water 1.05 Sp.Gr.H2O                 |              | Pump Intake Depth             |                  |
| Gas 0.62 Sp.Gr.AIR                   |              | 812.00 ft                     |                  |
| Acoustic Velocity 1396.48 ft/s       |              | Formation Depth               |                  |
|                                      |              | 797.00 ft                     |                  |
|                                      |              |                               | Pump Intake      |
| Formation Submergence                |              |                               | 50.0 psi (g)     |
| Total Gaseous Liquid Column HT (TVD) | 185 ft       |                               | Producing BHP    |
| Equivalent Gas Free Liquid HT (TVD)  | 121 ft       |                               | 45.0 psi (g)     |
|                                      |              |                               | Static BHP       |
| Acoustic Test                        |              |                               | - * - psi (g)    |



No Collar Count Data Available

# STATE OF KANSAS

CORPORATION COMMISSION  
CONSERVATION DIVISION  
DISTRICT OFFICE No. 3  
137 E. 21ST STREET  
CHANUTE, KS 66720



PHONE: 620-902-6450  
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.  
SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | PAT APPLE, COMMISSIONER

March 15, 2018

Brandon Donovan  
River Rock Operating, LLC  
211 N. ROBINSON SUITE 200  
OKLAHOMA CITY, OK 73102

Re: Temporary Abandonment  
API 15-099-24045-00-00  
RYAN, PATRICK Q. 18-2  
SE/4 Sec.18-32S-19E  
Labette County, Kansas

Dear Brandon Donovan:

"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 03/15/2019.

- \* 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 03/15/2019.

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

Very truly yours,

Russell Hine"