



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:

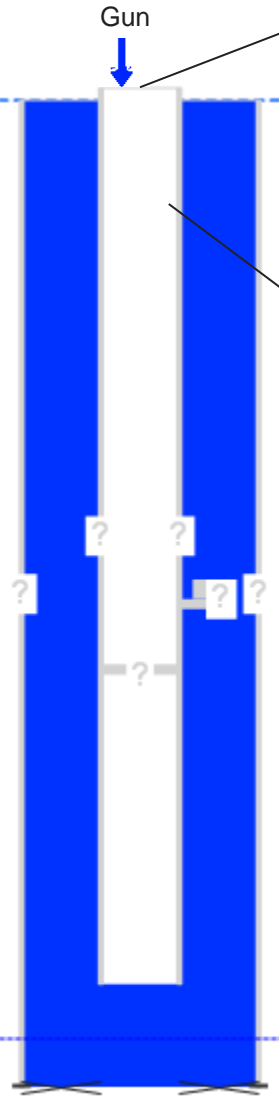
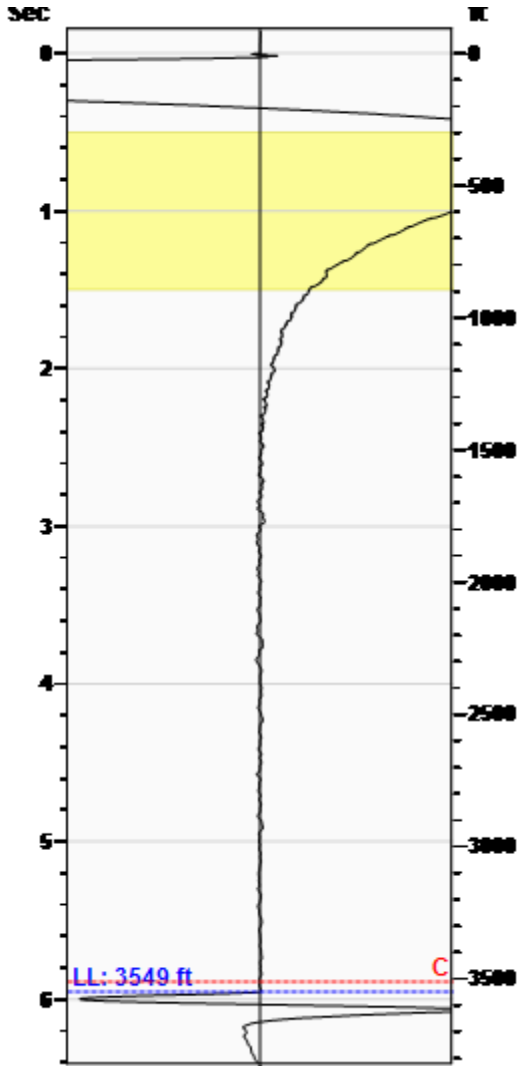
|  |   |                    |
|--|---|--------------------|
|  | KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801                      | Phone 620.225.8888 |
|  | KCC District Office #2 / UPGS - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226 | Phone 316.630.4000 |
|  | KCC District Office #3 - 1500 SW Seventh Steet, Chanute, KS 66720                             | Phone 620.432.2300 |
|  | KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651                             | Phone 785.625.0550 |

Liquid Level

3549 ft

Fluid Above Tubing Intake  
Gas Free In Tubing

186 ft  
183 ft



**Production**

|                      |          |           |        |
|----------------------|----------|-----------|--------|
| Date Entered         | 02/09/16 |           |        |
|                      | Current  | Potential |        |
| Oil                  | **       | **        | BBL/D  |
| Water                | **       | **        | BBL/D  |
| Gas                  | **       | **        | Mscf/D |
| IPR Method           | Vogel    |           |        |
| Producing Efficiency | 0.00%    |           |        |

**Tubing Pressure**

Pressure 606.9 psi (g)

**Tubing Gas Flow**

Gas Flow \*. \* Mscf/D

**Fluid Properties**

% Liquid In Tubing \*\*  
% Liquid Below Tubing \*\*

**Wellbore Pressures**

TIP \*\*  
PBHP 729.4 psi (g) @ 3735 ft  
SBHP \*\*  
Gas/Liq Interface 670.7 psi (g) @ 3549 ft

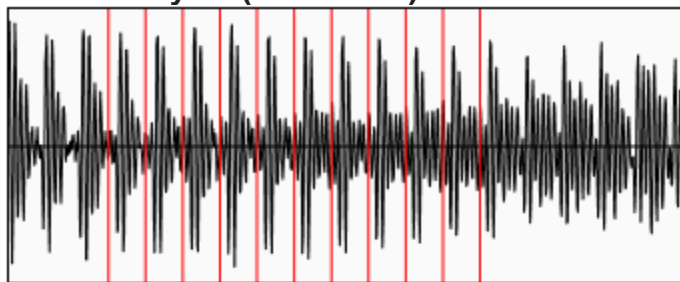
**Depths**

Tubing Depth 0 ft  
Formation Depth 3735 ft

**Sensor Serial No.**

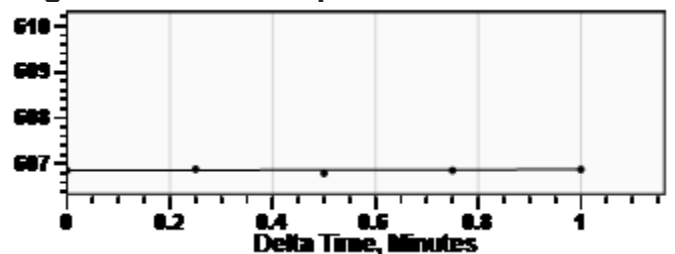
CG

**Collar Analysis (Automatic)**



Average Acoustic Velocity 1192 ft/s  
Average Joints Per Sec. 18.81 Jts/sec  
Joints To Liquid 111.94 Jts

**Tubing Pressure Buildup**



Tubing Pressure 606.9 psi (g)  
Buildup 0.0 psi (g)  
Buildup Time 1 min 0 sec  
Gas Gravity 0.7342 Air = 1

**Comments and Recommendations**

EXPLOSION - 900 PSI CASING

Echometer Company  
5001 Ditto Lane  
Wichita Falls, TX 76302  
(940) 767-4334  
info@echometer.com

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



Phone: 316-630-4000  
Fax: 316-630-4005  
<http://kcc.ks.gov/>

Jay Scott Emler, Chairman  
Shari Feist Albrecht, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

February 18, 2016

wanda ledbetter  
SandRidge Exploration and Production LLC  
123 ROBERT S. KERR AVE  
OKLAHOMA CITY, OK 73102-6406

Re: Temporary Abandonment  
API 15-077-21754-01-00  
Cynthia 1-14H  
SW/4 Sec.14-35S-06W  
Harper County, Kansas

Dear wanda ledbetter:

"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 02/18/2017.

- \* 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 02/18/2017.

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

Very truly yours,

Steve VanGieson"