



## 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~~

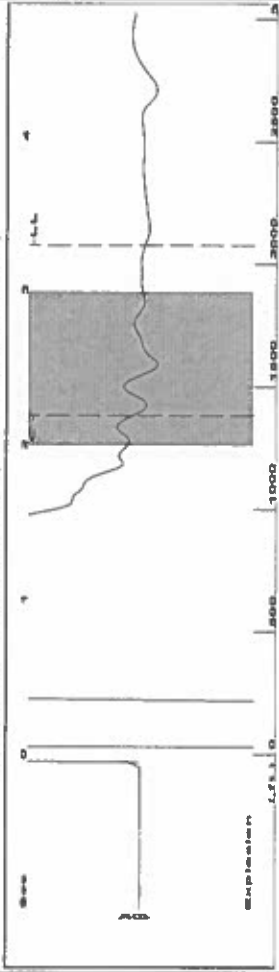
Submitted Electronically

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

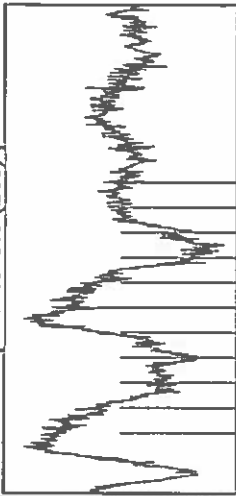
|  |   |                    |
|--|---|--------------------|
|  | KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801                      | Phone 620.225.8888 |
|  | KCC District Office #2 / UPGS - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226 | Phone 316.630.4000 |
|  | 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 |

Group: TAD Well: Lakin A-2 (acquired on: 11/05/15 10:29:11)



Filter Type High Pass Automatic Collar Count Yes  
 Manual Acoustic Velocity 1233.46 ft/s Manual JTS/sec 19.4553  
 Time 3.287 sec  
 Joints 65.4644 Jts  
 Depth 2075.22 ft

[ 2.0 to 3.0 (Sec) ]

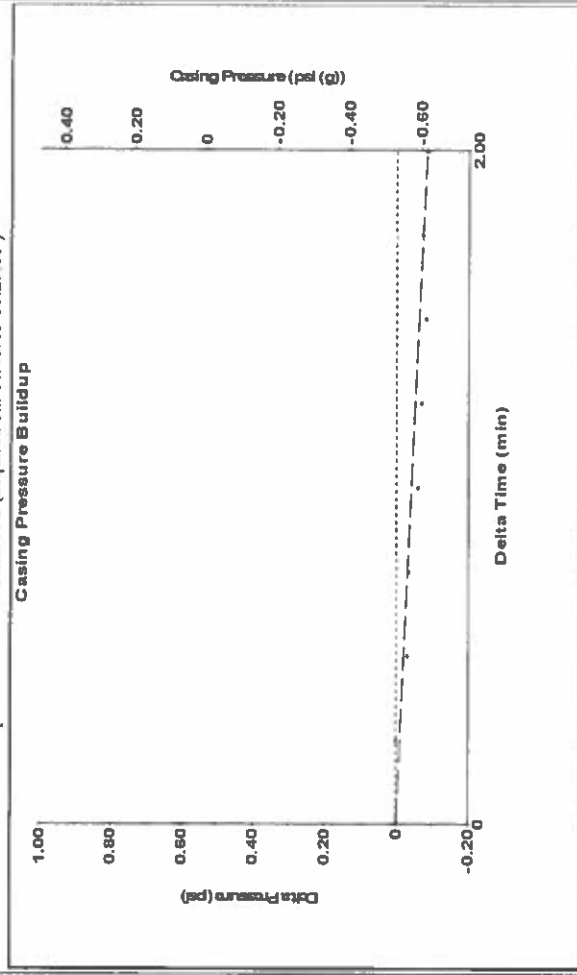


**Analysis Method: Automatic**

Group: TAD Well: Lakin A-2 (acquired on: 11/05/15 10:29:11)

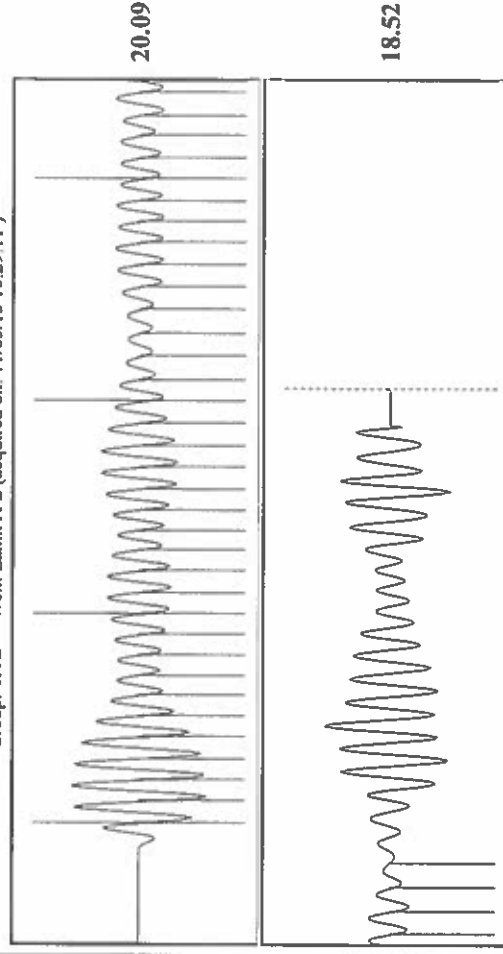
|                                      |                |                               |                   |
|--------------------------------------|----------------|-------------------------------|-------------------|
| Production                           | Potential      | Casing Pressure               | Producing         |
| Oil                                  | - BBL/D        | -0.5 psi (g)                  | Annular           |
| Water                                | - BBL/D        | -0.1 psi                      | Gas Flow 0 Mscf/D |
| Gas                                  | - Mscf/D       | 2.00 min                      | % Liquid 100 %    |
| IPR Method                           | Vogel          | Gas/Liquid Interface Pressure |                   |
| PBHP/SBHP                            | - -            | 0.2 psi (g)                   |                   |
| Production Efficiency                | 0.0            |                               |                   |
| Oil                                  | 40 deg.API     | Liquid Level Depth            | Pump Intake       |
| Water                                | 1.05 Sp.Gr.H2O | 2075.22 ft                    | 163.1 psi (g)     |
| Gas                                  | 0.74 Sp.Gr.AIR | Pump Intake Depth             | Producing BHP     |
|                                      |                | 2556.00 ft                    | 163.1 psi (g)     |
| Acoustic Velocity                    | 1262.68 ft/s   | Formation Depth               | Static BHP        |
|                                      |                | 2556.00 ft                    | - - psi (g)       |
| Formation Submergence                |                |                               |                   |
| Total Gaseous Liquid Column HT (TVD) | 481 ft         |                               |                   |
| Equivalent Gas Free Liquid HT (TVD)  | 481 ft         |                               |                   |
| Acoustic Test                        |                |                               |                   |

Group: TAD Well: Lakin A-2 (acquired on: 11/05/15 10:29:11)



Change in Pressure -0.08 psi  
 Change in Time 2.00 min  
 Range PT9522

Group: TAD Well: Lakin A-2 (acquired on: 11/05/15 10:29:11)



Acoustic Velocity 1262.68 ft/s  
 Joints Per Second 19.9161 jts/sec  
 Depth to liquid level 2075.22 ft  
 Automatic Collar Count Yes  
 Joints counted 38  
 Joints to liquid level 65.4644  
 Filter Width 17.4553  
 Time to 1st Collar 2.188

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



Phone: 620-225-8888  
Fax: 620-225-8885  
<http://kcc.ks.gov/>

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

Sam Brownback, Governor

November 10, 2015

Katheirne McClurkan  
Merit Energy Company, LLC  
13727 NOEL RD STE 1200  
DALLAS, TX 75240

Re: Temporary Abandonment  
API 15-093-20564-00-00  
LAKIN A 2  
SE/4 Sec.27-24S-36W  
Kearny County, Kansas

Dear Katheirne 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 11/10/2016.

- \* 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 11/10/2016.

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

Very truly yours,

Michael Maier"