

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

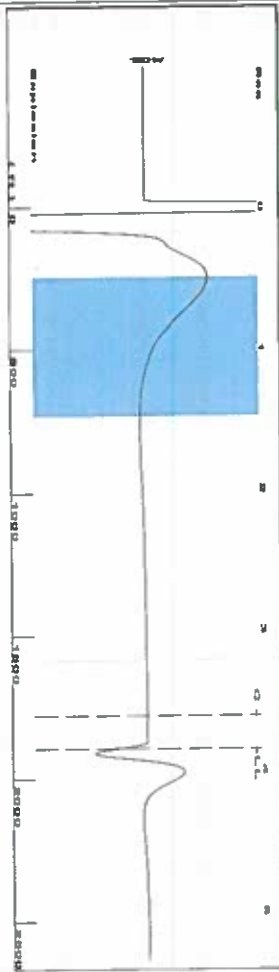
Submitted Electronically

| | | | | | |
|---|--|----------------|---------------------|----------------------|---------------------------------|
| Do NOT Write in This Space - KCC USE ONLY | 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:

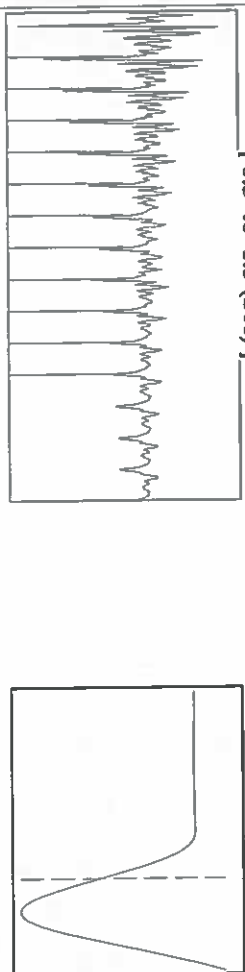
| | | |
|--|--|--------------------|
|  | KCC District Office #1 - 210 E. Frontview, Suite A, Dodge City, KS 67801 | Phone 620.682.7933 |
| | KCC District Office #2 - 3450 N. Rock Road, Building 600, Suite 601, Wichita, KS 67226 | Phone 316.337.7400 |
| | KCC District Office #3 - 137 E. 21st St., Chanute, KS 66720 | Phone 620.902.6450 |
| | KCC District Office #4 - 2301 E. 13th Street, Hays, KS 67601-2651 | Phone 785.261.6250 |

Group: Liberal Wells Well: Federal Farm Mortgage B-1 (acquired on: 05/19/20 11:06:03)



Filter Type High Pass Automatic Collar Count Yes
 Manual Acoustic Velocity 939 ft/s Manual JTS/sec 15.2672
 Time 3.849 sec
 Joints 59.7814 Jts
 Depth 1895.07 ft

[0.5 to 1.5 (Sec)]

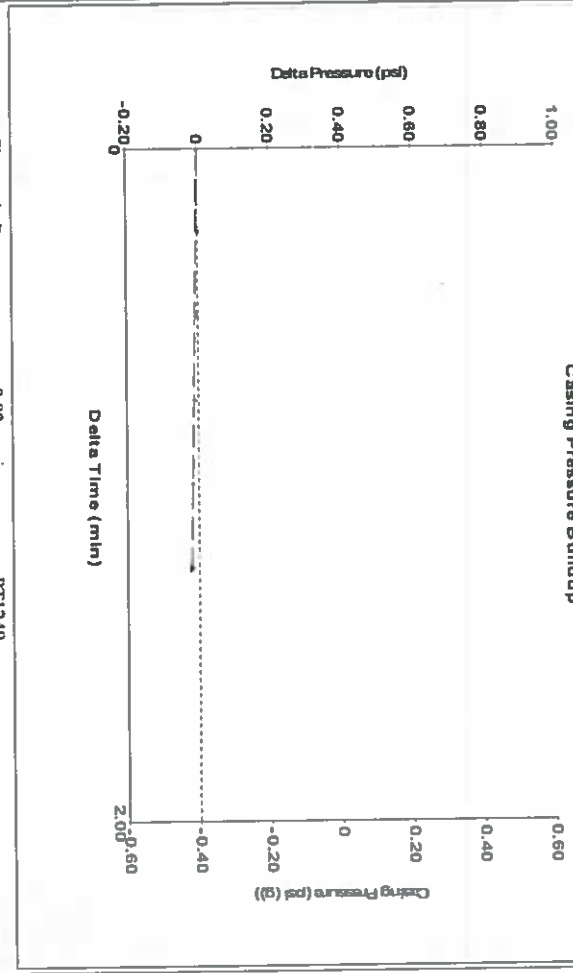


Analysis Method: Automatic

Group: Liberal Wells Well: Federal Farm Mortgage B-1 (acquired on: 05/19/20 11:06:03)

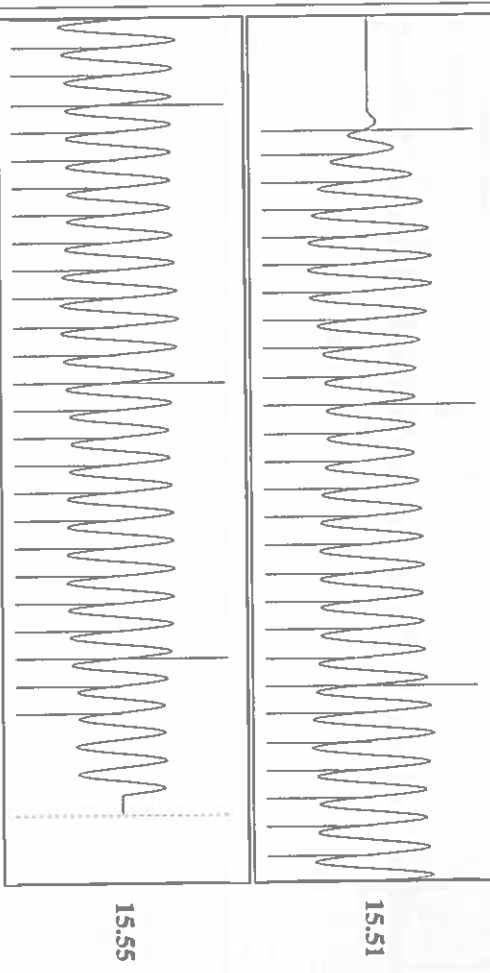
| Production | Potential | Casing Pressure | Static |
|--------------------------------|-----------------------------|--|--------------------------------|
| Current | Oil 0 Water 0 Gas 0.0 | -0.4 psi (g) Casing Pressure Buildup -0.021 psi 1.25 min | Oil Column Height MD 0 ft |
| IPR Method | PBHP/SBHP | Gas/Liquid Interface Pressure 0.6 psi (g) | Water Column Height MD 2776 ft |
| Production Efficiency | 0.0 | Liquid Level Depth 1895.07 ft | Static BHP 1262.6 psi (g) |
| Oil 40 deg API | | Pump Intake Depth 4671.00 ft | |
| Water 1.05 Sp.Gr.H2O | | | |
| Gas 0.98 Sp.Gr.AIR | | | |
| Acoustic Velocity 984.707 ft/s | | | |

Group: Liberal Wells Well: Federal Farm Mortgage B-1 (acquired on: 05/19/20 11:06:03)



Change in Pressure -0.02 psi PTT 249
 Change in Time 1.25 min Range 0 - ? psi

Group: Liberal Wells Well: Federal Farm Mortgage B-1 (acquired on: 05/19/20 11:06:03)



Acoustic Velocity 984.707 ft/s Joints counted 52
 Joints Per Second 15.5317 Jts/sec Joints to liquid level 59.7814
 Depth to liquid level 1895.07 ft Filter Width 13.2672
 Automatic Collar Count Yes Time to 1st Collar 3.612

Shot @ 300 psi BP

May 21, 2020

Katherine McClurkan
Merit Energy Company, LLC
13727 Noel Road, Suite 1200
DALLAS, TX 75240-7362

Re: Temporary Abandonment
API 15-175-21837-00-00
Federal Farm Mortgage B 1
SE/4 Sec.27-31S-34W
Seward 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 05/21/2021.

- * 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 05/21/2021.

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

Very truly yours,

Michael Maier"