

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.
GPS Location: Lat: Long:
Datum: NAD27 NAD83 WGS84
County: Elevation:
Lease Name: Well #:
Well Type: Oil Gas OG WSW Other:
SWD Permit #: ENHR Permit #:
Gas Storage Permit #:
Spud Date: Date Shut-In:

Table with 7 columns: Conductor, Surface, Production, Intermediate, Liner, Tubing. Rows include 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:
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):
Type Completion: ALT. I ALT. II Depth of: DV Tool: w / sacks of cement Port Collar: w / sack of cement
Packer Type: Size: Inch Set at: Feet
Total Depth: Plug Back Depth: Plug Back Method:

Geological Data:

Table with 4 columns: Formation Name, Formation Top, Formation Base, Completion Information. Rows 1 and 2.

UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

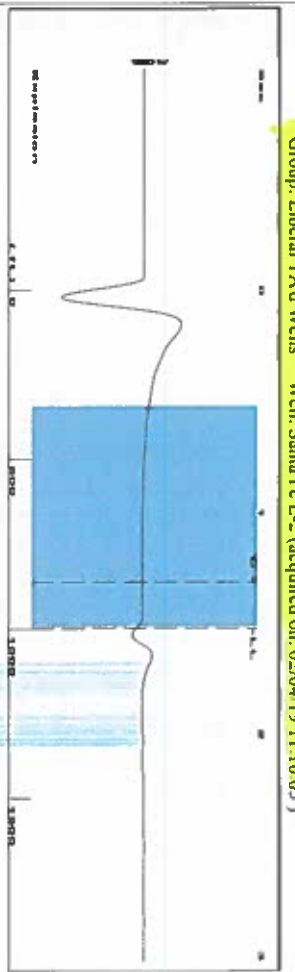
Submitted Electronically

Form with fields: 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: Yes Denied, Date.

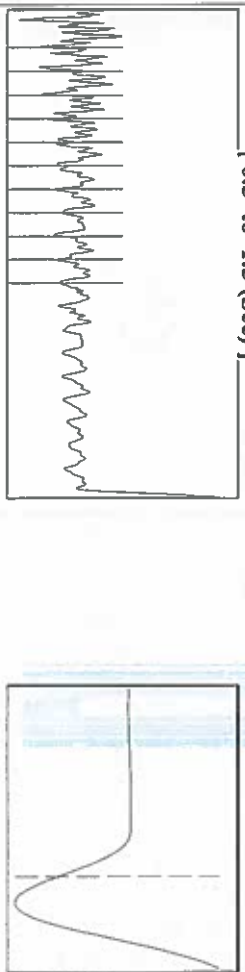
Mail to the Appropriate KCC Conservation Office:

Table with 2 columns: Office Address, Phone. Rows for KCC District Office #1, #2, #3, #4.

Group: Liberal TAD Wells Well: Santa Fe E-2 (acquired on: 02/04/19 11:10:03)



Filter Type High Pass Automatic Collar Count Yes
 Manual Acoustic Velo 1309.92 ft/s Manual JTS/sec 20.6612
 Time 1.522 sec
 Joints 31.4699 Jts
 Depth 997.60 ft



Analysis Method: Automatic

Group: Liberal TAD Wells Well: Santa Fe E-2 (acquired on: 02/04/19 11:10:03)

Production Current Potential
 Oil -*- BB/LD
 Water -*- BB/LD
 Gas -*- Mscr/D
 IPR Method Vogel
 FBHP/SBHP -*-
 Production Efficiency 0.0

Casing Pressure 32.1 psi (g)
 Casing Pressure Buildup 1.9 psi
 2.00 min
 Gas/Liquid Interface Pressure 33.2 psi (g)

Liquid Level Depth 997.60 ft
 Pump Intake Depth 5673.00 ft
 Formation Depth 5673.00 ft

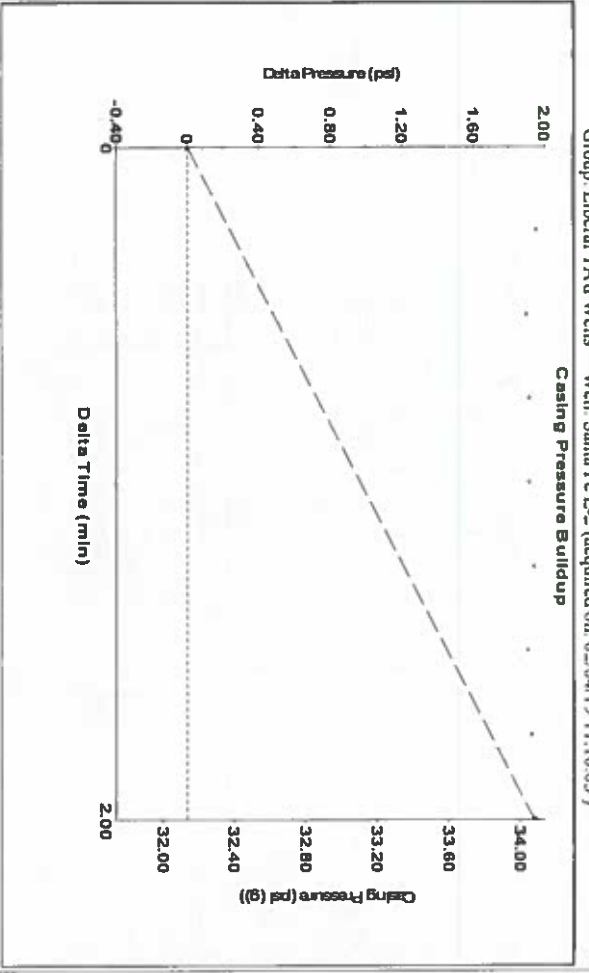
Static Oil Column Height MD 0 ft
 Water Column Height MD 4675 ft
 Static BHP 2158.9 psi (g)

Acoustic Velocity 1310.9 ft/s



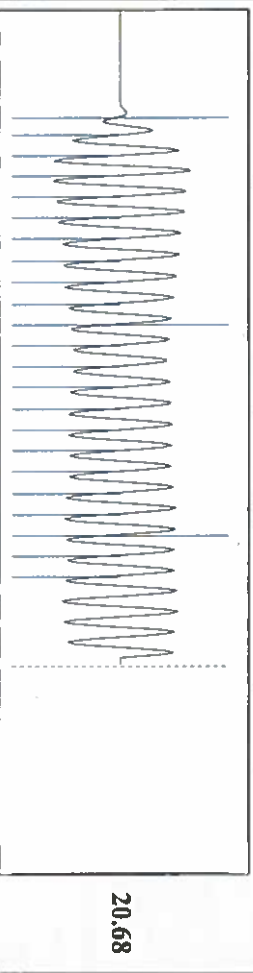
Shot @ 300# SR

Group: Liberal TAD Wells Well: Santa Fe E-2 (acquired on: 02/04/19 11:10:03)



Change in Pressure 1.94 psi
 Change in Time 2.00 min
 PT11249 Range
 0 - ? psi

Group: Liberal TAD Wells Well: Santa Fe E-2 (acquired on: 02/04/19 11:10:03)



Acoustic Velocity 1310.9 ft/s
 Joints Per Second 20.6767 Jts/sec
 Depth to liquid level 997.597 ft
 Automatic Collar Count Yes

Joints counted 22
 Joints to liquid level 31.4699
 Filter Width 18.6612
 Time to 1st Collar 0.248

20.68

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



Phone: 620-682-7933
<http://kcc.ks.gov/>

Dwight D. Keen, Chair
Shari Feist Albrecht, Commissioner
Jay Scott Emler, Commissioner

Laura Kelly, Governor

February 05, 2019

Katherine McClurkan
Merit Energy Company, LLC
13727 Noel Road, Suite 1200
Dallas, TX 75240

Re: Temporary Abandonment
API 15-175-21441-00-00
Santa Fe E 2
NW/4 Sec.06-32S-33W
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 02/05/2020.

- * 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 02/05/2020.

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

Very truly yours,

Michael Maier"