

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:
County: Elevation:
Lease Name: Well #:
Well Type:
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

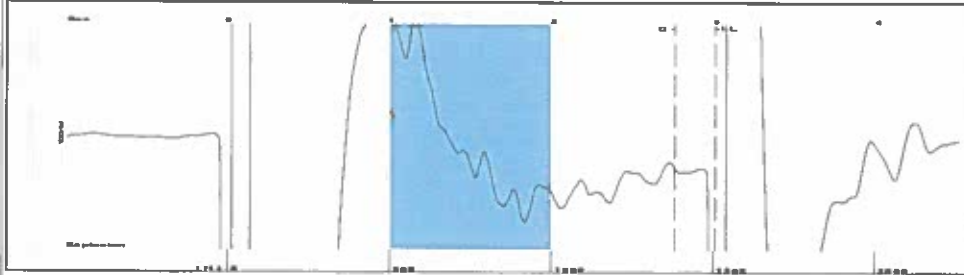
Submitted Electronically

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:

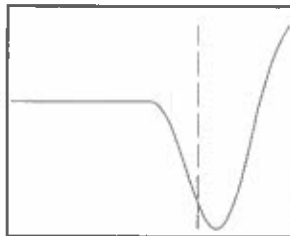
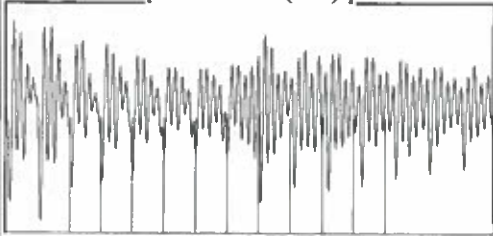
Table with 2 columns: Office Address, Phone. Rows for District Office #1, #2, #3, #4.

Group: SUBLETTE Well: Arbuthnot A-2 (acquired on: 06/12/19 11:21:00)



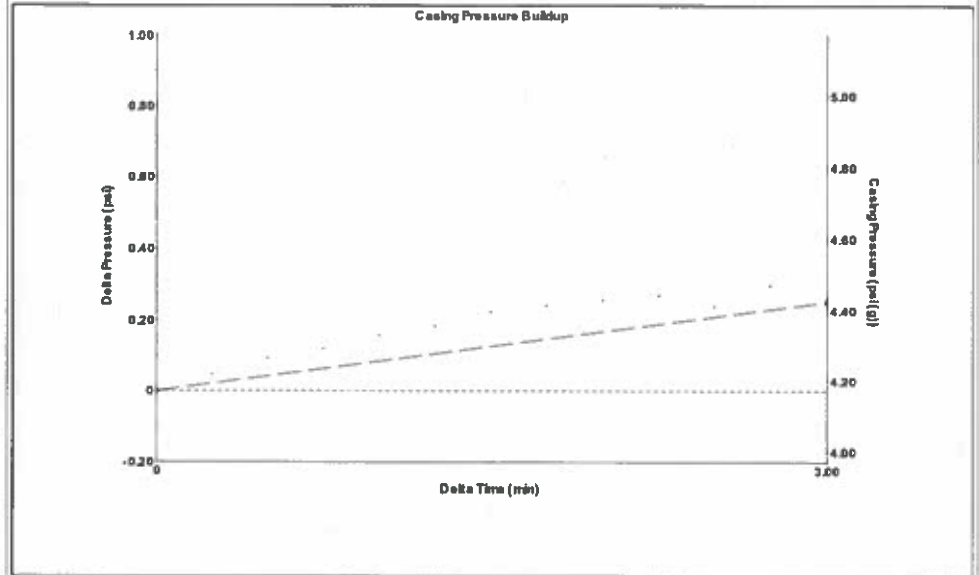
Filter Type High Pass Automatic Collar Count Yes Time 2.999 sec  
 Manual Acoustic Veloc 1026.5 ft/s Manual JTS/sec 15.4083 Joints 45.2541 Jts  
 Depth 1507.41 ft

[ 1.0 to 2.0 (Sec) ]



Analysis Method: Automatic

Group: SUBLETTE Well: Arbuthnot A-2 (acquired on: 06/12/19 11:21:00)



Change in Pressure 0.25 psi PT14679  
 Change in Time 3.00 min Range 0 - ? psi

Group: SUBLETTE Well: Arbuthnot A-2 (acquired on: 06/12/19 11:21:00)

Production  
 Current Potential  
 Oil -\*- BBL/D  
 Water -\*- BBL/D  
 Gas -\*- Mscf/D

IPR Method Vogel  
 PBHP/SBHP -\*-  
 Production Efficiency 0.0

Oil 40 deg.API  
 Water 1.05 Sp.Gr.H2O  
 Gas 0.96 Sp.Gr.AIR

Acoustic Velocity 1005.28 ft/s

Casing Pressure 4.2 psi (g)  
 Casing Pressure Buildup 0.251 psi  
 3.00 min  
 Gas/Liquid Interface Pressure 5.1 psi (g)

Liquid Level Depth 1507.41 ft

Pump Intake Depth 5546.00 ft

Formation Depth 5564.00 ft



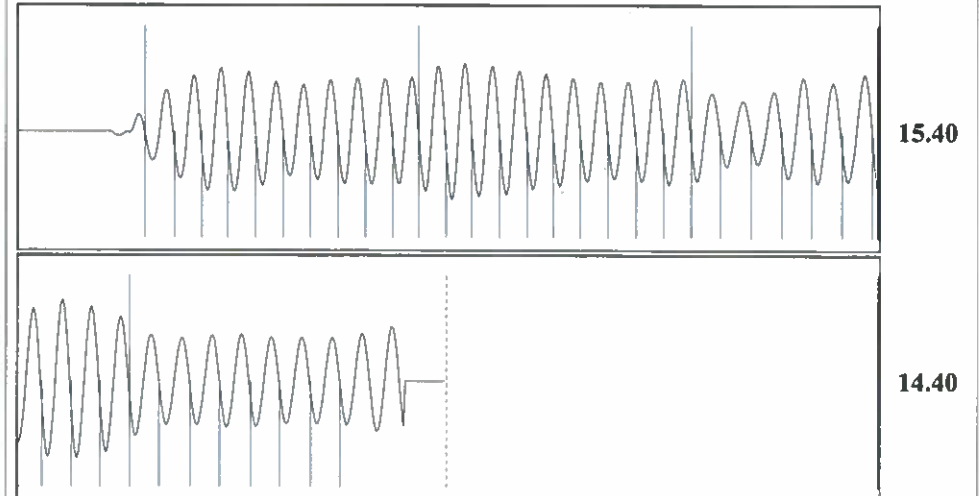
Producing  
 Annular Gas Flow  
 % Liquid 95 %

Pump Intake 1236.5 psi (g)  
 Producing BHP 1244.4 psi (g)  
 Static BHP -\*- psi (g)

Formation Submergence  
 Total Gaseous Liquid Column HT (TVD) 4039 ft  
 Equivalent Gas Free Liquid HT (TVD) 3821 ft

Acoustic Test

Group: SUBLETTE Well: Arbuthnot A-2 (acquired on: 06/12/19 11:21:00)



Acoustic Velocity 1005.28 ft/s Joints counted 37  
 Joints Per Second 15.0897 jts/sec Joints to liquid level 45.2541  
 Depth to liquid level 1507.41 ft Filter Width 13.4083 17.4083  
 Automatic Collar Count Yes Time to 1st Collar 0.296 2.748

June 18, 2019

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

Re: Temporary Abandonment  
API 15-081-20308-00-01  
ARBUTHNOT A 2  
NE/4 Sec.32-30S-33W  
Haskell 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 06/18/2020.

- \* 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 06/18/2020.

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

Very truly yours,

Michael Maier"