

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: _____
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: _____

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 Date:

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

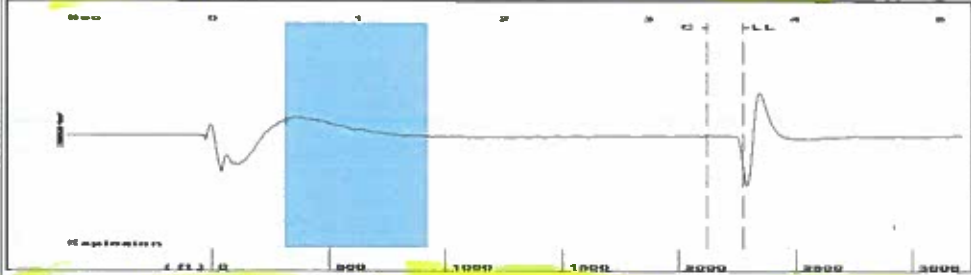
Do NOT Write in This Space - KCC USE ONLY
Date Tested: _____ Results: _____ Date Plugged: _____ Date Repaired: _____ Date Put Back in Service: _____
Review Completed by: _____ Comments: _____
TA Approved: _____ Yes _____ Denied Date: _____

Mail to the Appropriate KCC Conservation Office:

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

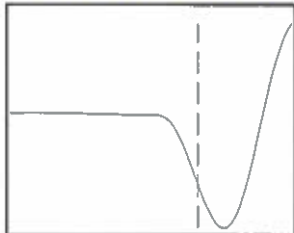
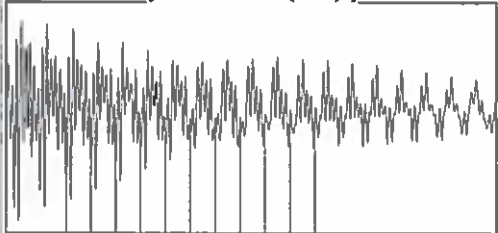
Shot @ 300

Group: Liberal TA'd Wells Well: Longcor A-2 (acquired on: 06/09/19 08:32:12)



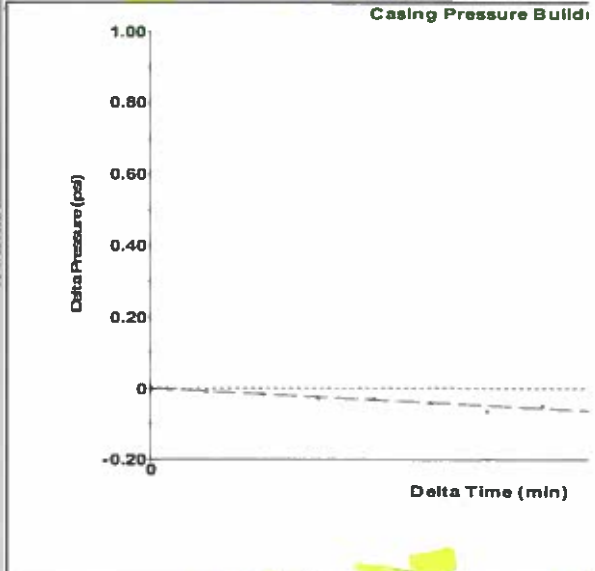
Filter Type High Pass Automatic Collar Count Yes Time 3.645 sec
 Manual Acoustic Velo 1243.14 ft/s Manual JTS/sec 19.6078 Joints 71.685 Jts
 Depth 2272.41 ft

[0.5 to 1.5 (Sec)]



Analysis Method: Automatic

Group: Liberal TA'd Wells Well: Longcor A-2 (acquired on: 06/09/19 08:32:12)
 Casing Pressure Buildup



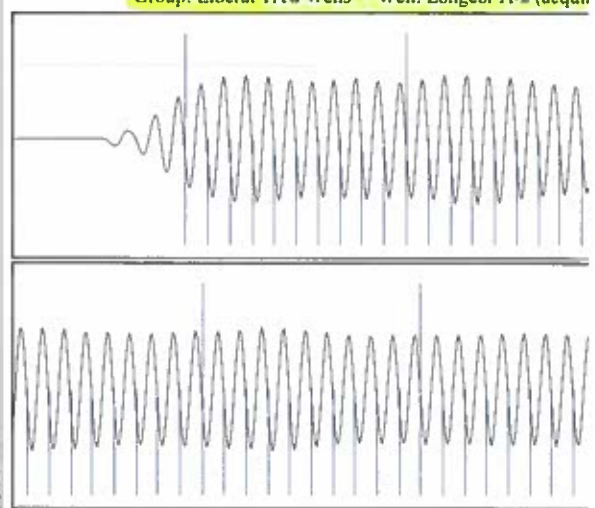
Change in Pressure -0.07 psi
 Change in Time 2.25 min

Group: Liberal TA'd Wells Well: Longcor A-2 (acquired on: 06/09/19 08:32:12)

Production		Potential	Casing Pressure	Static
Oil	-*-	-*- BBL/D	111.0 psi (g)	Oil Column Height MD 0 ft
Water	-*-	-*- BBL/D	Casing Pressure Buildup -0.073 psi	Water Column Height MD 637 ft
Gas	-*-	-*- Mscf/D	2.25 min	Static BHP 407.9 psi (g)
IPR Method		Vogel	Gas/Liquid Interface Pressure 118.5 psi (g)	
PBHP/SBHP		-*-	Liquid Level Depth 2272.41 ft	
Production Efficiency		0.0	Pump Intake Depth 2666.00 ft	
Oil	37 deg.API		Formation Depth 2909.00 ft	
Water	1.05 Sp.Gr.H2O			
Gas	0.74 Sp.Gr.AIR			
Acoustic Velocity		1246.87 ft/s		

Acoustic Test

Group: Liberal TA'd Wells Well: Longcor A-2 (acquired on: 06/09/19 08:32:12)



Acoustic Velocity 1246.87 ft/s Joints counted 19.6667 Jts/sec
 Joints Per Second 19.6667 Jts/sec Joints to liquid level 71.685 Jts
 Depth to liquid level 2272.41 ft Filter Width 19.6078 Jts
 Automatic Collar Count Yes Time to 1st Casing Pressure Buildup 2.25 min

June 11, 2019

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

Re: Temporary Abandonment
API 15-175-20827-00-01
Longcor A 2
NE/4 Sec.13-32S-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 06/11/2020.

- * 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 06/11/2020.

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

Very truly yours,

Michael Maier"