

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.

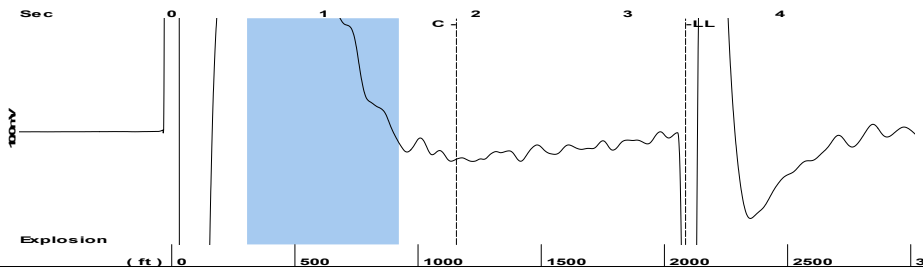
UNDER PENALTY OF PERJURY I HEREBY ATTEST THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Submitted Electronically

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:

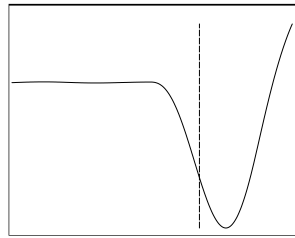
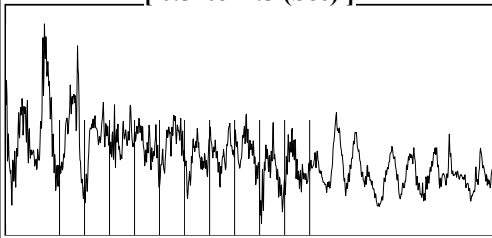
Mail to the Appropriate KCC Conservation Office:

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



Filter Type High Pass Automatic Collar Count Yes Time 3.379 sec
 Manual Acoustic Veloc 1233.46 ft/s Manual JTS/sec 19.4553 Joints 65.7971 Jts
 Depth 2085.77 ft

[0.5 to 1.5 (Sec)]



Analysis Method: Automatic

NO PRESSURE DATA AVAILABLE

Change in Pressure 0.00 psi PT6854
 Range 0 - ? psi
 Change in Time 0.00 min

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

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

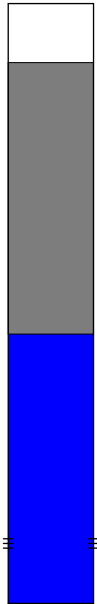
Oil 40 deg.API
 Water 1.05 Sp.Gr.H2O
 Gas 0.76 Sp.Gr.AIR

Acoustic Velocity 1234.55 ft/s

Formation Submergence
 Total Gaseous Liquid Column HT (TVD) 1614 ft
 Equivalent Gas Free Liquid HT (TVD) 1614 ft

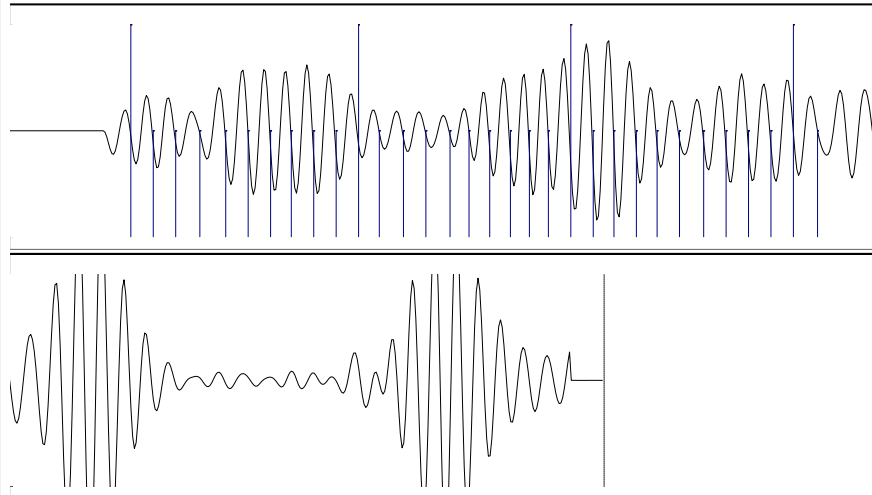
Acoustic Test

Casing Pressure -0.4 psi (g)
 Casing Pressure Buildup - * - psi
 - * - min
 Gas/Liquid Interface Pressure 0.4 psi (g)
 Liquid Level Depth 2085.77 ft
 Pump Intake Depth - * - ft
 Formation Depth 3700.00 ft



Producing
 Annular Gas Flow - * - Mscf/D
 % Liquid 100 %

Pump Intake - * - psi (g)
 Producing BHP 734.3 psi (g)
 Static BHP - * - psi (g)



Acoustic Velocity 1234.55 ft/s Joints counted 31
 Joints Per Second 19.4724 jts/sec Joints to liquid level 65.7971
 Depth to liquid level 2085.77 ft Filter Width 17.4553 21.4553
 Automatic Collar Count Yes Time to 1st Collar 0.28 1.872

May 21, 2019

Zach Patterson
Patterson Energy LLC
PO BOX 400
HAYS, KS 67601-0400

Re: Temporary Abandonment
API 15-163-23468-00-00
MARBAK 1-15
NW/4 Sec.15-10S-19W
Rooks County, Kansas

Dear Zach Patterson:

"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 05/21/2020.

- * 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 05/21/2020.

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

Very truly yours,

RICHARD WILLIAMS "