



# DUAL RECEIVER CEMENT BOND LOG

Company: HERTEL OIL COMPANY, LLC.  
 Well: CLEM #1  
 Field: KOBALITZ WEST  
 County: ELLIS

Country: U.S.A.  
 State: KANSAS  
 County: U.S.A.

Location: 1900' FWL & 1850' FWL  
 AP # : 15-051-26938-0000  
 Other Services: PERP

SEC 21 T1P 12S RGE 18W  
 GROUND LEVEL: Elevation 2150  
 Log Measured From: KELLY BUSHING 8' A.G.L.  
 Drilling Measured From: KELLY BUSHING

Date: 12/11/18  
 Run Number: ONE  
 Depth Digger: 3748  
 Bottom Logger: 3715  
 Bottom Logged Interval: 3710  
 Open Hole Size: 7.78"  
 Type Fluid: WATER  
 Density / Viscosity: N/A  
 Max. Recorded Temp: 114F  
 Estimated Cement Top: 2725

Time Well Ready: 11:30 A.M.  
 Time Logger on Bottom: 11:45 A.M.  
 Equipment Number: HAYS 7003S  
 Recorder By: JEFF KEBBERS  
 Witnessed By: BUTCH ORVILLE

Borehole Record  
 Bit From 0 To 221 Size 3748 Weight From To  
 Run Number 2 7.875 221 3748

Casing Record  
 Surface String Size 8.625 Weight 21# Top 0 Bottom 221  
 Production String Size 5.5 Weight 14# Top 0 Bottom 3745

Production String  
 Size 5.5 Weight 14# Top 0 Bottom 3745

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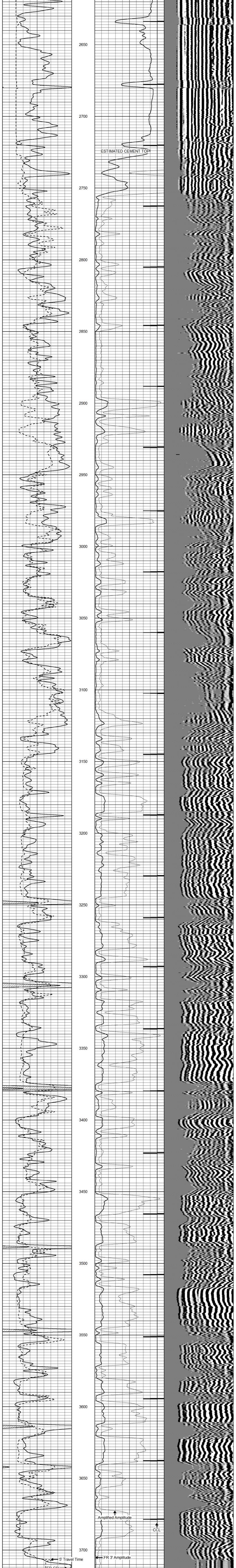
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

## Comments

THANK YOU FOR USING E.L.I. WIRELINE SERVICES HAYS, KANSAS (785) 628-6395  
 DIRECTIONS  
 HAYS, KS. & I-70, 7N. ON HWY 183 TO "BUCKEYE RD.", 1/2W., S. INTO

# MAIN SECTION

Database File: 1974bgr.db  
 Dataset Pathname: pass2.11  
 Presentation Format: dcb102  
 Dataset Creation: Tue Dec 11 12:42:51 2018  
 Charted by: Depth in Feet scaled 1:240



0 Gamma Ray (GAPI) 150  
 200 5' Travel Time (usec) 1000  
 0 3' Amplitude (mV) 100 200 5FT VDL 1000  
 9 CCL -1  
 0 Amplified Amplitude (mV) 20