Perf-Tech Well Services, Inc.

Company	AMERICAN WARRIOR, INC
Well	SHANKE NO. 5-11
Field	HIGHFORT
County	NESS
State	KANSAS
Date	1/24/2021

DUAL RECEIVER CEMENT BOND LOG

Company	AMERICAN WARRIOR, INC.		
Well	SHANKE NO. 5-11		
Field	HIGHFORT		
County	NESS	State	KANSAS
Location	990' FNL & 1970' FEL		
	SEC. 11 - TWP. 20S - RGE. 21W		
	API No. 15-135-25803-0000		
Elevation	2246 KB		
	2241 DF		
	2236 GL		
Log Measured From	KB	10 Feet Above Perm. Datum	
Drilling Measured From	KB		
Permanent Datum	GL	Elev.	2236
Date	1/24/2021		
Run Number	ONE		
Depth-Driller	4415		
Depth-Logger	4416		
Bottom Logged Interval	4412		
Top Log Interval	1400		
Casing - Driller	8 5/8 @ 224		
Casing - Logger	224		
Bit Size	7 7/8		
Type Fluid in Hole	GEL CHEM		
Density / Viscosity	9.2	52	
pH / Fluid Loss	10.5	6.4	
Source of Sample	FLOWLINE		
Rm @ Meas. Temp.	.75 @ 75		
Rmf @ Meas. Temp.	.6 @ 75		
Rmc @ Meas. Temp.	.9 @ 75		
Source: Rmf / Rmc	MEASURED		
Rm @ BHT	.45 @ 122		
Time Since Circulation	5		
Time Since Cement	24		
Max. Recorded Temp.	122		
Equipment - Location	5-11		
Recorded By	J. ALEXANDER		
Witnessed By	J. ROGERS		

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 forth in our current Price Schedule.

Comments

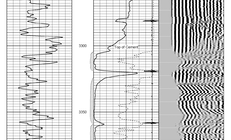
THANK YOU FOR USING
PERF-TECH WIRELINE SERVICES, INC
785-628-3849

DIRECTIONS: ALEXANDER, KS
WEST 9/10TH RD, SOUTH 1 ½ TO RD, 1/4 EAST, SOUTH into

Perf-Tech Well Services, Inc.

PORT COLLAR @ 1446'

Database File: tel11506.db
Dataset Pathname: pass4
Presentation Format: 3x5
Dataset Creation: Wed Feb 11 08:45:43 2015 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240



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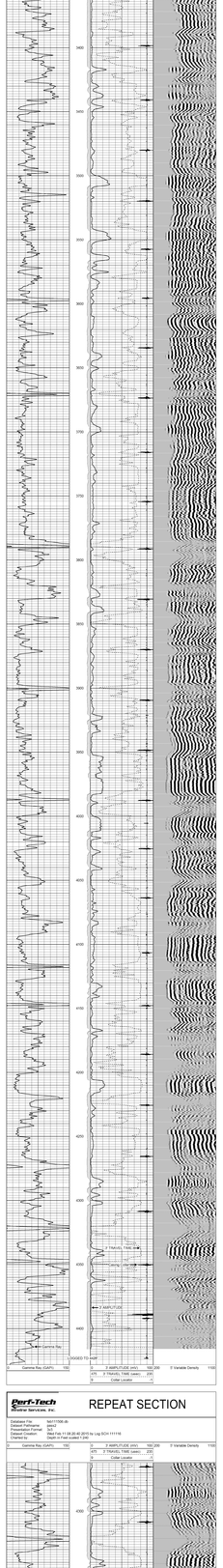
MAIN PASS

Database File: tel11506.db
Dataset Pathname: pass3
Presentation Format: 3x5
Dataset Creation: Wed Feb 11 08:21:52 2015 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240



Perf-Tech Well Services, Inc.

REPEAT SECTION

Database File: tel11506.db
Dataset Pathname: pass2
Presentation Format: 3x5
Dataset Creation: Wed Feb 11 08:20:40 2015 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240