Perf-Tech
Wireline Services, Inc.

Company	ZINZER OIL COMPANY
Well	MARTIN C-41 (SW)
Field	STEFFEN WEST
County	NESS
State	KANSAS

DUAL RECEIVER CEMENT BOND LOG

Company	ZINZER OIL COMPANY
Well	MARTIN C-41 (SW)
Field	STEFFEN WEST
County	NESS
State	KANSAS
Location	SEC. 26 TWP. 20S RGE. 21W API: 15-135-25308
Elevation	2257 KB 2252 DF 2247 GL
Permanent Datum	GL
Log Measured From	KB 5 Above Perm. Datum
Drilling Measured From	KB
Date	01-Dec-2010
Run Number	ONE
Depth Driller	4475
Depth Logger	4475
Bottom Logged Interval	4475
Top Logged Interval	3000
Type Fluid in Hole	WATER
Salinity, PPM Cl	N/A
Density	N/A
Level	FULL
Max. Rec. Temp.	120
Equipment Number	2-1-1
Location	HAYS, KS
Recorded By	J. CRAWFORD
Witnessed By	MR. DAVID ZINZER

Bond Index

Amplitude	2.0 mv
Variable Density	20

Other Services: DIL, CDL, CNL, MEL

V1.1 Full Rev 1

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
PERF-TECH WIRELINE SERVICES, INC.
785-628-3969

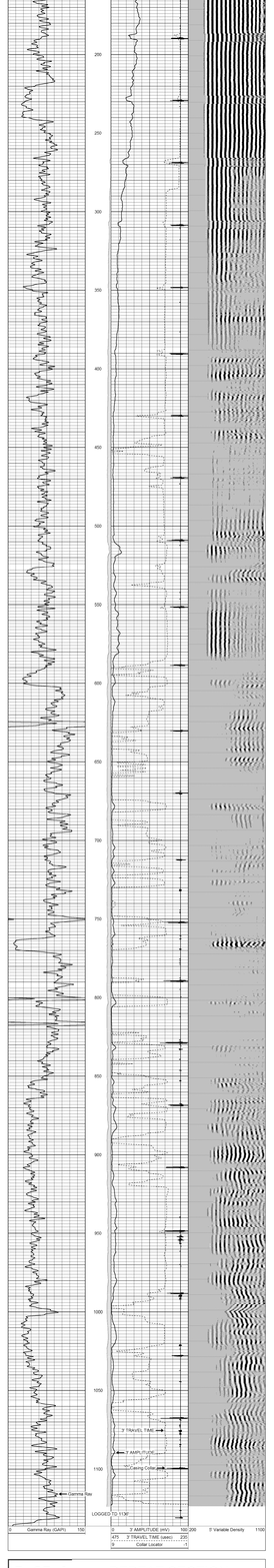
DIRECTIONS: ALEXANDER, Ks.
13 SOUTH to U-183, 2 1/2 WEST,
NORTH into

Perf-Tech
Wireline Services, Inc.

MAIN PASS

Dataset File: sep01906.dlis
Dataset Pathname: pass4
Presentation Format: 3x5
Dataset Creation: Thu Sep 05 06:46:21 2019 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150 | 0 3' AMPLITUDE (mv) 100 | 200 | 0 Variable Density 1100
475 3' TRAVEL TIME (sec) 220
0 Collar Locator -1



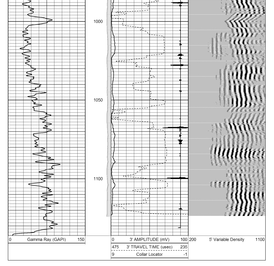
0 Gamma Ray (GAPI) 150 | 0 3' AMPLITUDE (mv) 100 | 200 | 0 Variable Density 1100
475 3' TRAVEL TIME (sec) 220
0 Collar Locator -1

Perf-Tech
Wireline Services, Inc.

REPEAT SECTION

Dataset File: sep01906.dlis
Dataset Pathname: pass1
Presentation Format: 3x5
Dataset Creation: Thu Sep 05 09:42:43 2019 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150 | 0 3' AMPLITUDE (mv) 100 | 200 | 0 Variable Density 1100
475 3' TRAVEL TIME (sec) 220
0 Collar Locator -1



0 Gamma Ray (GAPI) 150 | 0 3' AMPLITUDE (mv) 100 | 200 | 0 Variable Density 1100
475 3' TRAVEL TIME (sec) 220
0 Collar Locator -1