Company	TAILWATER, INC.
Well	WEST WITTMAN #15-T
Field	GARNETT SHOESTRING
County	ANDERSON
State	KANSAS

ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company	TAILWATER, INC.		
Well	WEST WITTMAN #15-T		
Field	GARNETT SHOESTRING		
County	ANDERSON	State	KANSAS
Location:	480' FSL & 3307' FWL NE - NE - NW - NW SEC. 15 - T. 20S - R. 20E	API #	15-003-24461-0000

Date Logged:	2-16-2011	Permanent Datum:	GL
Depth Reference:	KB	Log Measured From:	KB 10.00 Above Perm. Datum
Depth Driller:	1.75'	Drilling Measured From:	GL
Depth Logger:	47.50'	Elevation:	KB: 1.75' GL: 0.00'
Bottom Logged Interval:	47.50'		
Top Log Interval:	SURFACE		
Casing Driller:	8 5/8" @ 21.00'		
Casing Logger:	21.00'		
Bit Size:	7 7/8"		
Type Fluid:	WATER		
Density / Viscosity:	8.9 / 28		
Max Rec. Temp.:	72°F		
Estimated Cement Top:	SURFACE		
Equipment / Location:	2-20 / CHANUTE		
Recorded By:	D. BRUNS		
Witnessed By:	DAVE		

Other services: Gamma Ray Neutron Completion Log

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

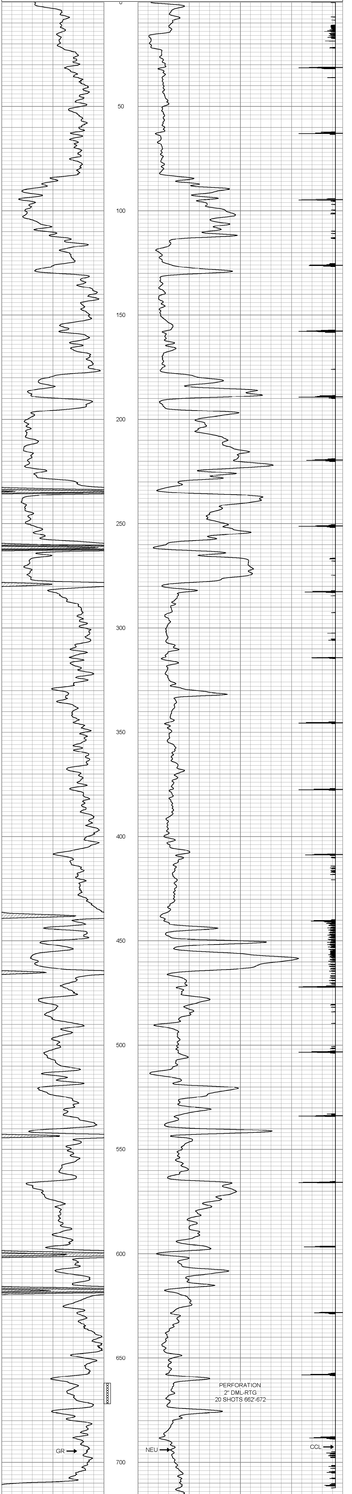
THANK YOU

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.59		GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
CCL	5.05		CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL	1.83	1.69	7.50
NEU	0.63		NEU-TITAN_169 (TIT169_001) Titan 1 11/16" Neutron	4.33	1.69	20.00

Dataset: west wittman #15-t.db: field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 47.50 lb
O.D. 1.69 in

Database File: g:\west wittman #15-t.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed Feb 16 11:40:34 2011 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

0 GR 150
150 gr 300
100 NEU 1600
13 CCL -1



Company	TAILWATER, INC.		
Well	WEST WITTMAN #15-T		
Field	GARNETT SHOESTRING		
County	ANDERSON	SEC. 15 TWP. 20S RGE. 20E	
State	KANSAS	Date	2-16-2011

ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS