CORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company	TAILWATER, INC.
Well	SOUTH KEMPNICH #20-T
Field	GARNETT SHOESTRING
County	ANDERSON
State	KANSAS

Location: API # 15-003-32502-0000; 1875' FSL & 1140' FWL; NW SW NE SW; Sec. 20; Twp. 20S; Rge. 20E; Anderson County, Kansas

Elevation: GL 0'; KB 8'; DF 0'; GL 0'

Other Services: GR/CCL

Date: 5-3-2011

Run Number: ONE

Depth Driller: 703.0'

Depth Logger: 703.0'

Bottom Logged Interval: 703.0'

Top Log Interval: SURFACE

Open Hole Size: 7 7/8"

Type Fluid in Hole: WATER

Max. Rec. Temp.: 70°F @ 703'

Estimated Cement Top: 0'

Equipment Number: 11-0-0-0-0-0-0-0

Location: 1875' FSL & 1140' FWL

Recorded By: DONNIE DUNCAN

Witnessed By: ERIC

Equipment Description: 1 1/16" Gamma Ray, 1 1/16" Neutron, 1 1/16" Logging CCL

Comments: THANK YOU

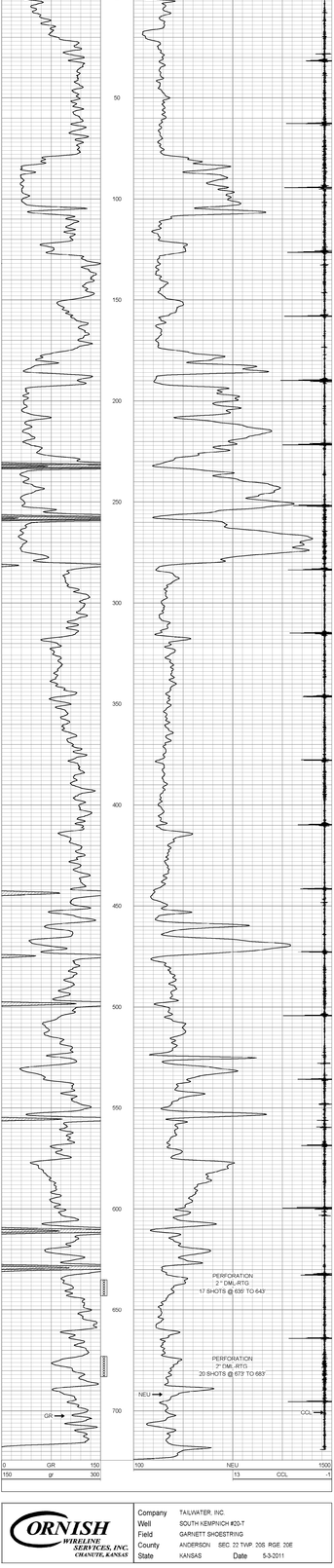
*** Field Files ***

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.

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

Dataset: south kempnich #20-t.db: field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 47.50 lb
O.D: 1.69 in

Database File: g:\south kempnich #20-t.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue May 03 11:57:28 2011 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240



CORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

Company	TAILWATER, INC.		
Well	SOUTH KEMPNICH #20-T		
Field	GARNETT SHOESTRING		
County	ANDERSON	SEC. 20 TWP. 20S RGE. 20E	
State	KANSAS	Date	5-3-2011