ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company	TAILWATER, INC.
Well	WEST WITTMAN #8-IW
Field	GARNETT SHOESTRING
County	ANDERSON
State	KANSAS

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Location	Other Services: GR, CCL, NEU		
Sec. 15 Twp. 20S Rge. 20E			
330' FSL & 165' FWL			
API # 15-003-24977-0000			
Elevation: GL 0' KB 0' DF 0'			
Permanent Datum: GL			
Log Measured From: GL			
Drilling Measured From: GL			

Run Number	ONE
Depth Driller	772'
Depth Logger	770'
Top Log Interval	SURFACE
Bottom Log Interval	770'
Casing Driller	7" @ 20'
Casing Logger	FULL
Bit Size	5 5/8"
Type Fluid in Hole	WATER
Dens. / Visc.	N/A / N/A
PH / Fluid Loss	N/A / N/A
Source of Sample	PUMPED
Rm @ Meas. Temp.	N/A @ 70F
Rmf @ Meas. Temp.	N/A @ 70F
Rmc @ Meas. Temp.	N/A @ 70F
Source: Rmf / Rmc	N/A / N/A
Rm @ BHT	N/A @ 70F
Time Since Circ.	1 HR
Max. Recorded Temp.	70F
Equipment Number	CCL-D
Location	NO PROBLEM
Recorded By	
Witnessed By	

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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.

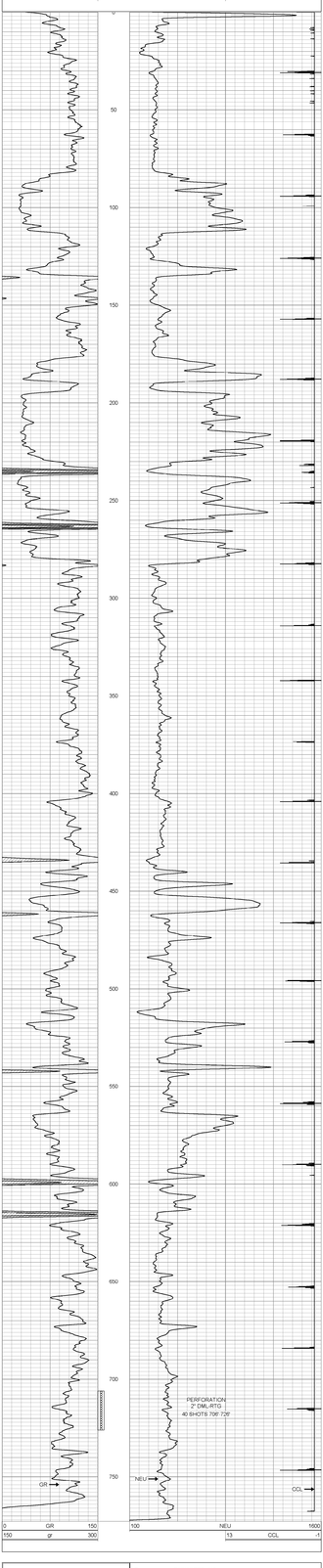
Comments

THANK YOU

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 8-IW.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 8-iw.db
Dataset Pathname: pass1
Presentation Format: gr ccl
Dataset Creation: Wed Feb 16 15:00:20 2011 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240



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Field	GARNETT SHOESTRING
County	ANDERSON SEC. 15 TWP. 20S RGE. 20E
State	KANSAS Date 2-16-2011