Company	N & W ENTERPRISES, INC.
Well	HAMMERBACHER #INJ 11
Field	WALNUT SE
County	CRAWFORD
State	KANSAS

ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company	N & W ENTERPRISES, INC.		
Well	HAMMERBACHER #INJ 11		
Field	WALNUT SE		
County	CRAWFORD	State	KANSAS
Location:	API # : 15-037-22300-00-00	Other Services:	
	2640' FSL & 3960' FEL		
	W/2		
	SEC. 29 TWP. 28S RGE. 22E		

Date	12-23-11		
Run Number	1 NW		
Depth Driller	402.2'		
Depth Logger	402.2'		
Top Log Interval	0		
Bottom Logged Interval	402.2'		
Fluid Level	FULL		
Fluid Type	WATER		
Precision Calipers	YES		
Estimated Cement Top	@		
Calculated Cement Top	@		
Amount & Type Cement			
Amount & Type Acids			
Drilling Contractor			
Equipment Number	109		
Location			
Recorded By	SANBORN, G.		
Witnessed By	NORRIS, T		

Measured From	GL	Elevation	K.B. 942EST
Drill Measured From	GL		G.L. 942EST
Drilling Measured From	GL		

<<< Fold Here >>>

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.

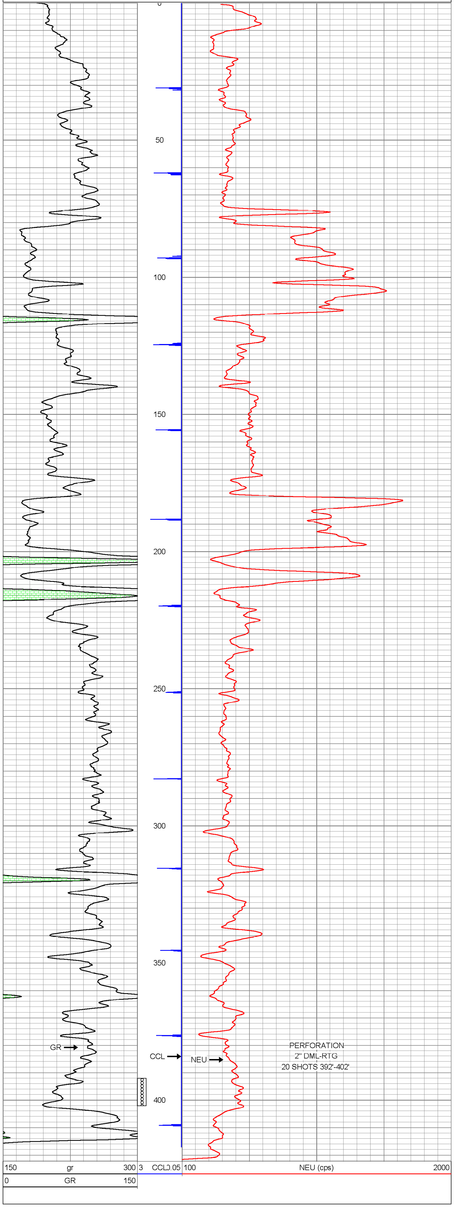
Comments

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 (TIT801) TITAN 1 11/16" Neutron	4.33	1.69	25.00

Dataset: hammerbacher #inj11.db: field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 52.50 lb
O.D. 1.69 in

Database File: g:\hammerbacher #inj11.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Fri Dec 23 10:08:11 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240



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Field	WALNUT SE
County	CRAWFORD SEC. 29 TWP. 28S RGE. 22E
State	KANSAS Date 12-23-11

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