Company	TAILWATER, INC.
Well	KEMPNICH #23-IW
Field	GARNETT SHOESTRING
County	ANDERSON
State	KANSAS

ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company	TAILWATER, INC.
Well	KEMPNICH #23-IW
Field	GARNETT SHOESTRING
County	ANDERSON
State	KANSAS
Location:	990' FNL & 1815' FWL SEC. 22 TWP. 20S RGE. 20E Latitude: 38.3333 Longitude: -95.2333

Date	3-6-2012	Permanent Datum:	GL
Depth Driller	664	Log Measured From:	GL
Depth Logger	664	Drilling Measured From:	GL
Depth Logged Interval	664		
Bottom Logged Interval	664		
Top Log Interval	0		
Type Fluid	WATER		
Production Casing	7" @ 21.6'		
Casing Recorder	9"		
Drilling Contractor	EVANS ENERGY		
Location			
Witnessed By			
Recorded By	LEON LO		
Elevation	1067'KB/1064'GL		

Elevation	1064'
Other Services	

Date	05/03/11
Time	10:00 AM
Recorder	0001

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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.

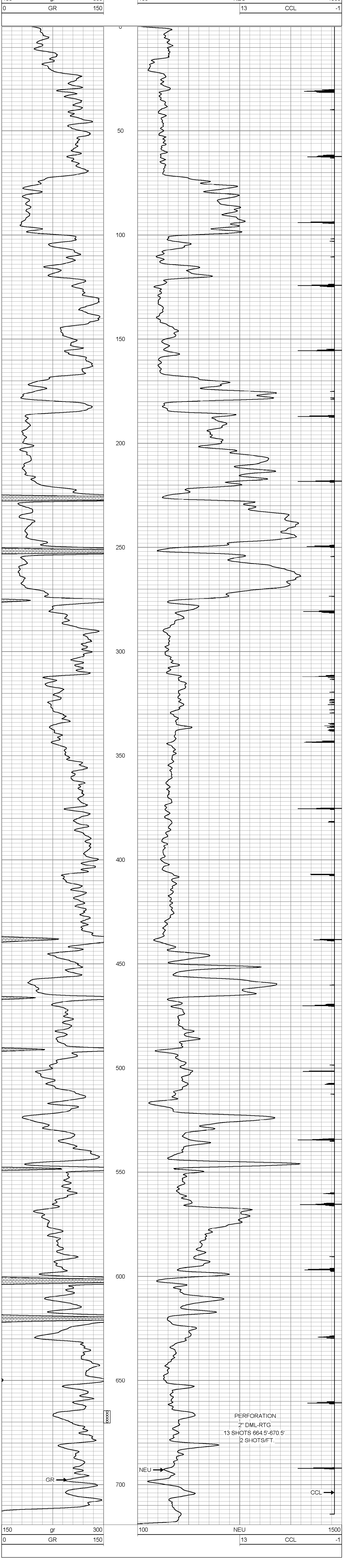
Comments

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:	kempnich #23-iw db: field/well/run1/pass1
Total Length:	10.92 ft
Total Weight:	47.50 lb
O.D.	1.69 in

Database File:	f:\tailwater, inc\kempnich #23-iw\kempnich #23-iw.db
Dataset Pathname:	pass1
Presentation Format:	dirk 1
Dataset Creation:	Tue Mar 06 10:36:35 2012 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:240



150 gr 300
0 GR 150
100 NEU 1500
13 CCL -1

Company	TAILWATER, INC.
Well	KEMPNICH #23-IW
Field	GARNETT SHOESTRING
County	ANDERSON SEC. 22 TWP. 20S RGE. 20E
State	KANSAS Date 3-6-2012

ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS