CORNISH WIRELINE SERVICES, INC.
CHANUTE, KANSAS

Company	TAILWATER, INC.
Well	WITTMAN #4-T
Field	GARNETT SHOESTRING
County	ANDERSON
State	KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company	TAILWATER, INC.
Well	WITTMAN #4-T
Field	GARNETT SHOESTRING
County	ANDERSON
State	KANSAS
API #	15-003-25353-00-00
Location	165' FSL 165' FEL NE SE SE
	SEC. 16 TWP. 20S RGE. 20E
Elevation	908'GL 0' KB
Date	7-31-2012
Run Number	ONE
Depth Logged	757.5'
Depth Logger	757.5'
Bottom Logged Interval	757.5'
Top Logged Interval	SURFACE
Fluid Level	FULL
Max. Recorded Temp.	90 F
Production Casing	7" @ 22'
Casing Weight/Grade	17#
Casing Depth	22'
Cemented Casing	YES
Cement Top	SURFACE
Primary Tool Serial #	7
Primary Tool Type	GR-CCL-NEUTRON
Crew	EVANS,BARRY
Truck Number	60
Witnessed By	OPEN HOLE
Operator	NEUTRON-CCL

Field Hole Size: 6 3/4"
Casing Size/Weight/Grade: 7" 17# J55
Top: 0 Bottom: 22
Date: 7-31-2012
Run Number: ONE
Depth Logged: 757.5'
Bottom Logged Interval: SURFACE
Top Logged Interval: 0'
Fluid Level: FULL
Max. Recorded Temp.: 90 F
Operator: NEUTRON-CCL
Witnessed By: OPEN HOLE
Truck Number: 60
Primary Tool Serial #: 7
Primary Tool Type: GR-CCL-NEUTRON
Crew: EVANS,BARRY

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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

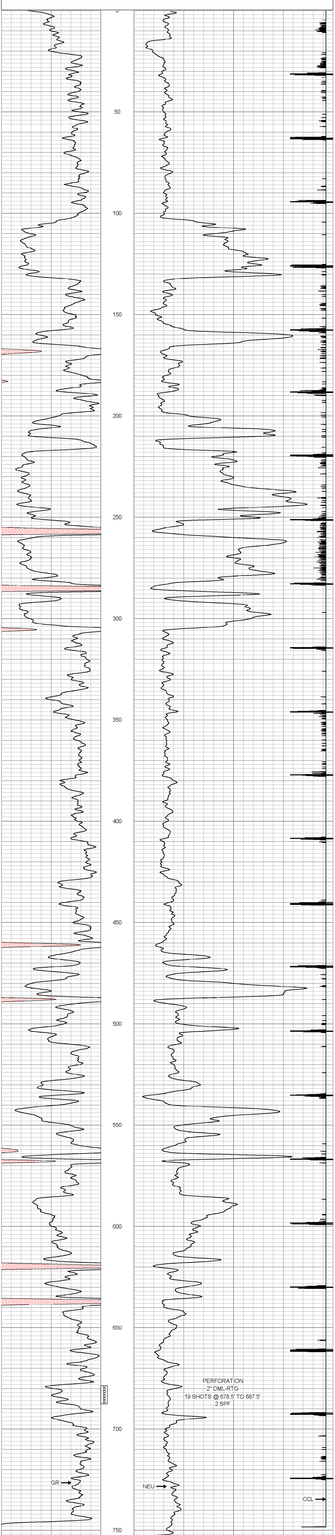
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.59		GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
CCL	5.05		CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL	1.83	1.69	7.50
NEU	0.63		NEU-TITAN_169 (TIT169_001) Titan 1 11/16" Neutron	4.33	1.69	20.00

Dataset: wittman #4-t.db: field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 47.50 lb
O.D. 1.69 in

Database File: g:\wittman #4-t.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Jul 31 09:53:32 2012 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

0 GR 150
150 gr 300

100 NEU 1500
13 CCL -1



0 GR 150
150 gr 300

100 NEU 1500
13 CCL -1

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