



GAMMA RAY
NEUTRON
COMPLETION LOG

Company TAILWATER, INC.
Well NORTH KEMPNICH #17-IWU
Field GARNETT SHOESTRING
County ANDERSON
State KANSAS

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Location: API # : 15-003-26241-00-00
1845' FNL & 1025' FWL
SE NE SW NW
SEC 22 TWP 20S RGE 20E
Permanent Datum G.L. Elevation 972EST.
Log Measured From G.L.
Drilling Measured From G.L.

Date	5-1-2015		
Run Number	1-NEW WELL		
Depth Driller	683'		
Depth Logger	673.6'		
Top Log Interval	SURFACE		
Bottom Logged Interval	673.6'		
Fluid Level	FULL		
Type Fluid	WATER		
Production Casing	2 7/8" @ 678'	7" @ 21.7'	@
Max. Recorded Temp.			
Estimated Cement Top			
Calculated Cement Top			
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor	EVANS ENERGY		
Equipment Number	107		
Location			
Recorded By	UDEN, D.		
Witnessed By	HUTCHINSON, D.		

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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.

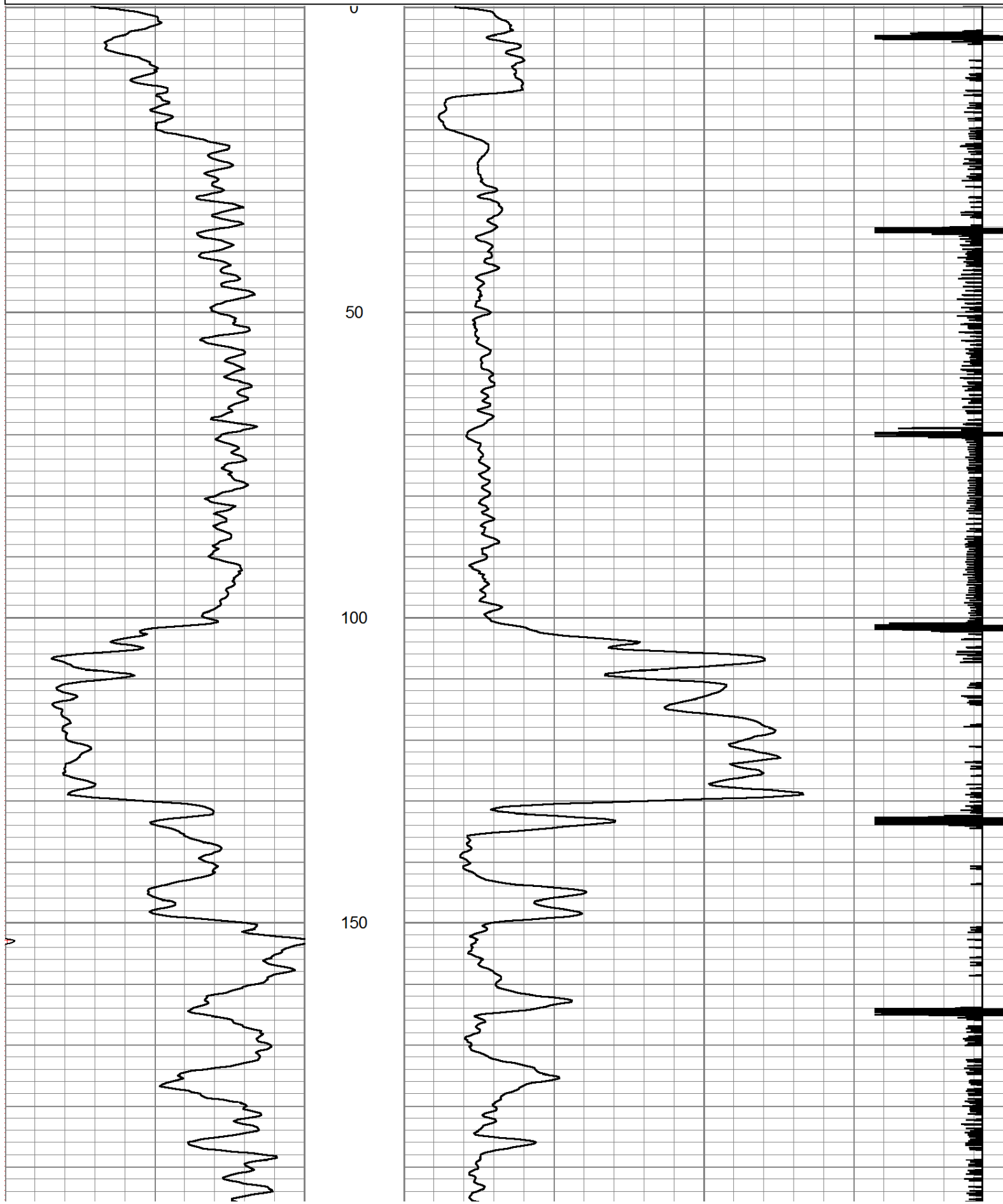
Comments

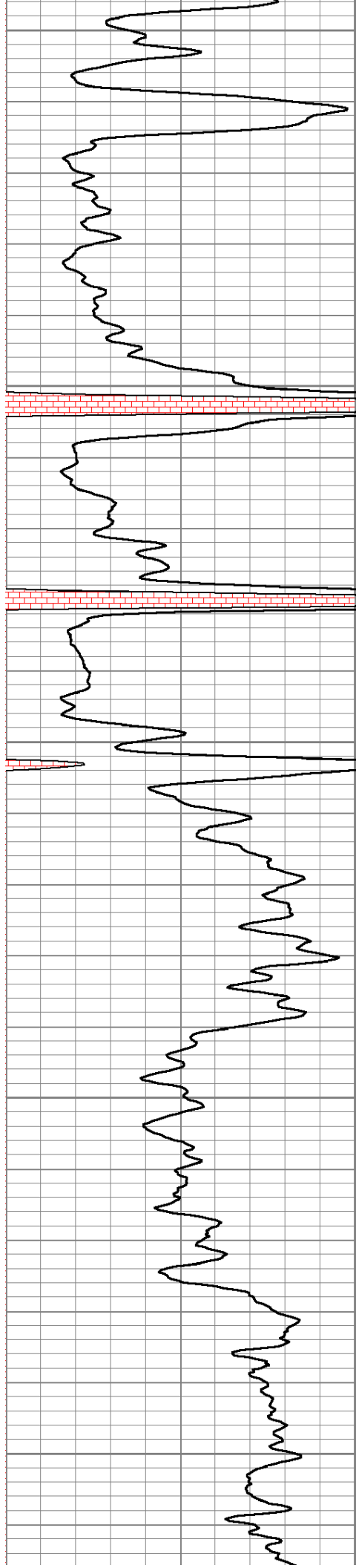
THANK YOU

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-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL	1.83	1.69	7.50
			NEU-TITAN_169 (TIT169_001) Titan 1 11/16" Neutron	4.33	1.69	20.00
NEU	0.63					
Dataset: north kempnich #17-iwu.db: field/well/run1/pass2 Total Length: 10.92 ft Total Weight: 47.50 lb O.D. 1.69 in						

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





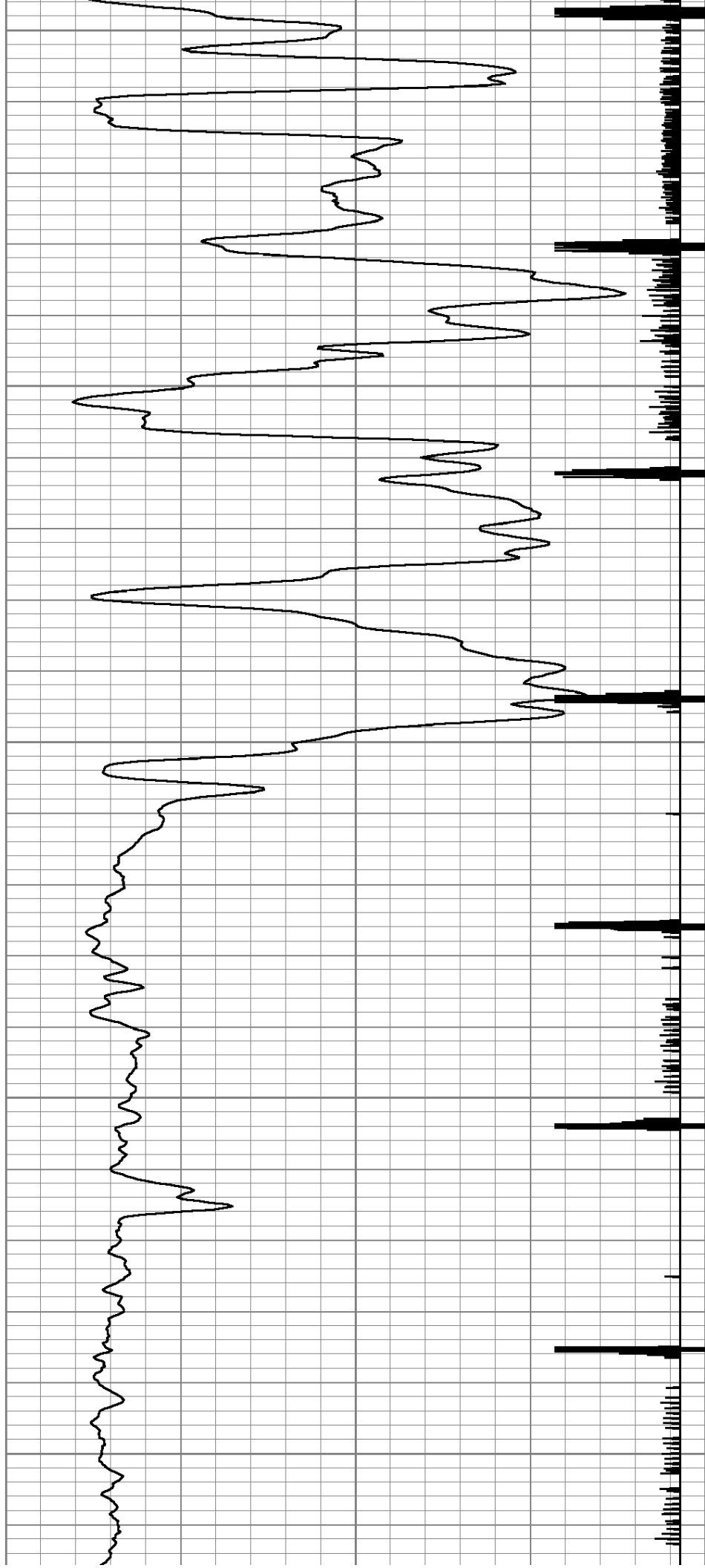
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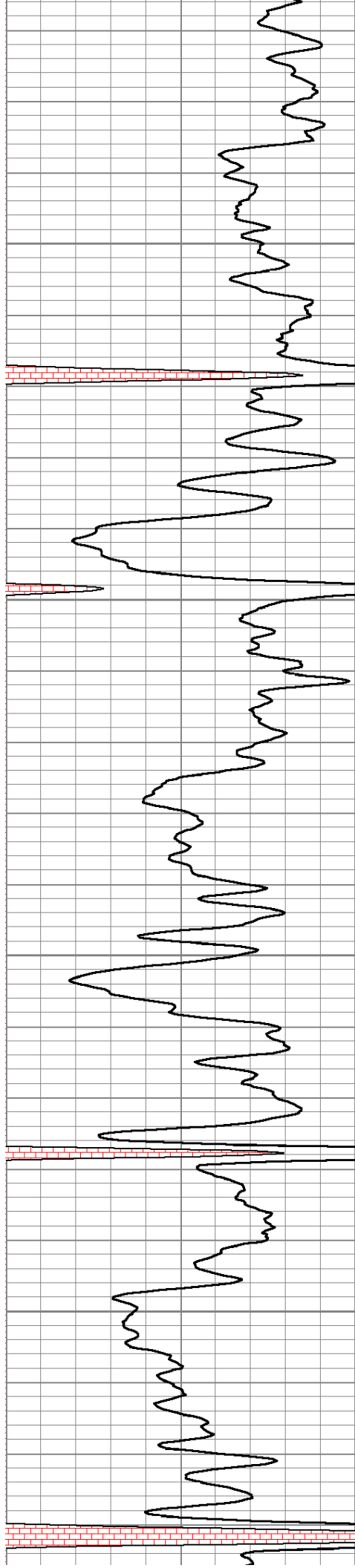
250

300

350

400



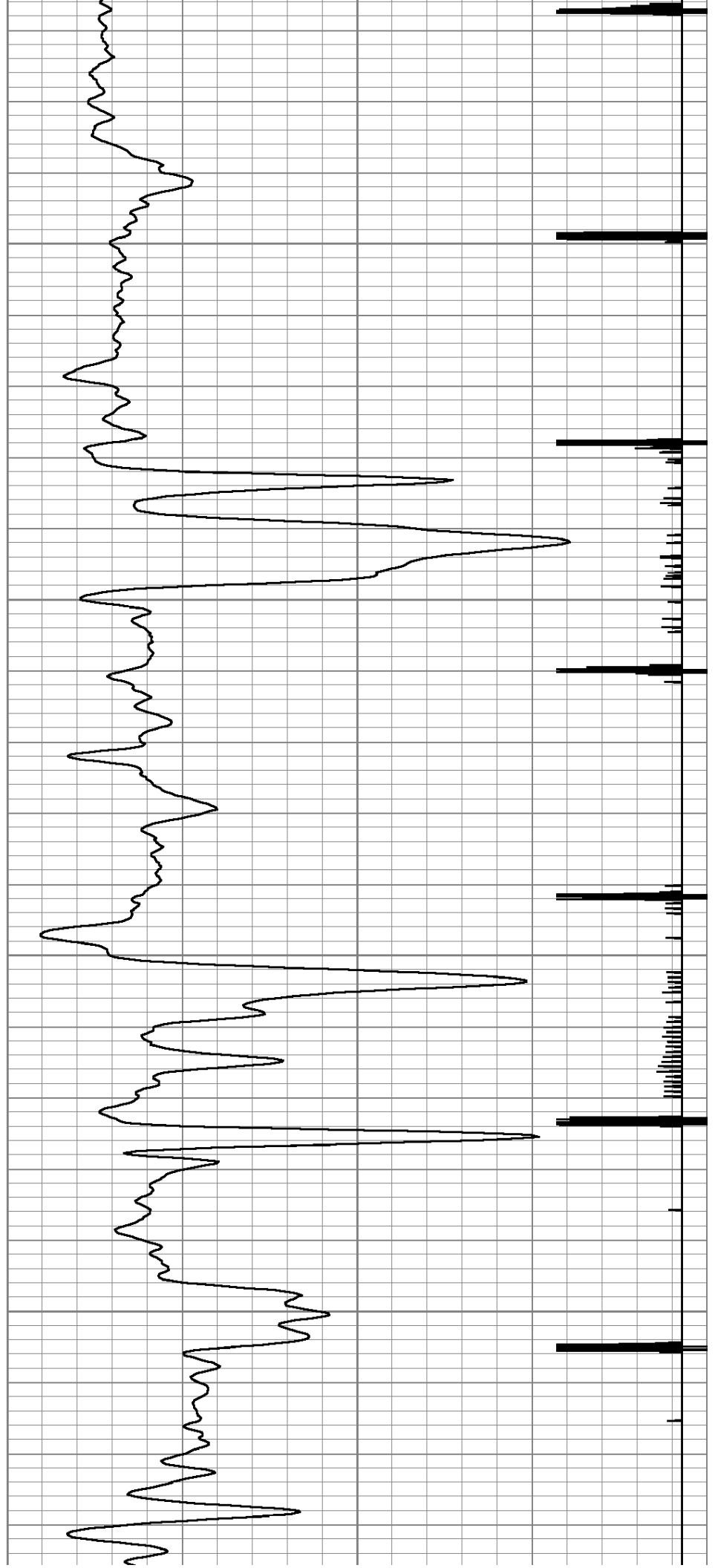


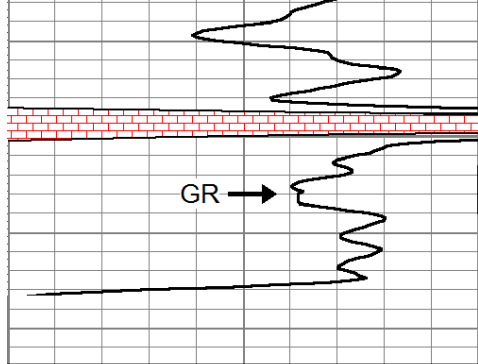
450

500

550

600



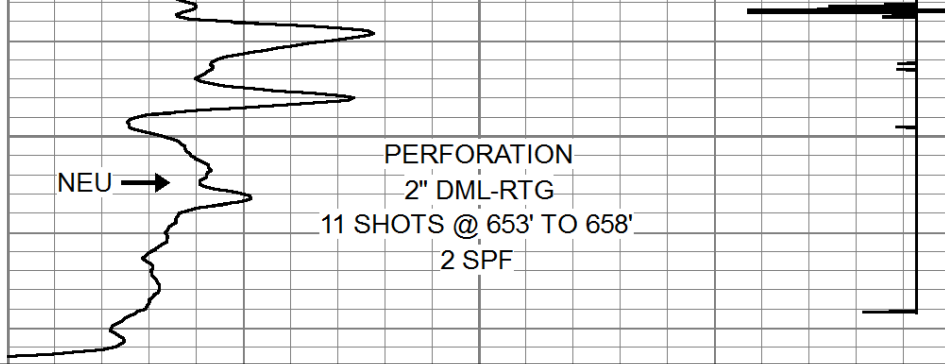


650

GR →



0	GR	150
150	gr	300



NEU →

PERFORATION
2" DML-RTG
11 SHOTS @ 653' TO 658'
2 SPF

100	NEU	1500
13	CCL	-1



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