

GAMMA RAY
NEUTRON
CEMENT BOND
COMPLETION LOG

Company SOUTHWINDS ENERGY, LLC
Well MELANDER #49
Field WAYSIDE-HAVANA
County MONTGOMERY
State KANSAS

Location: 19307 F94 & 1800th FEL
AP# #: 15-125-3272-00-00
Other Services

Date 11-30-12
Run Number 1 NW
Depth (feet) 710.1
Depth (meters) 216.3

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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.

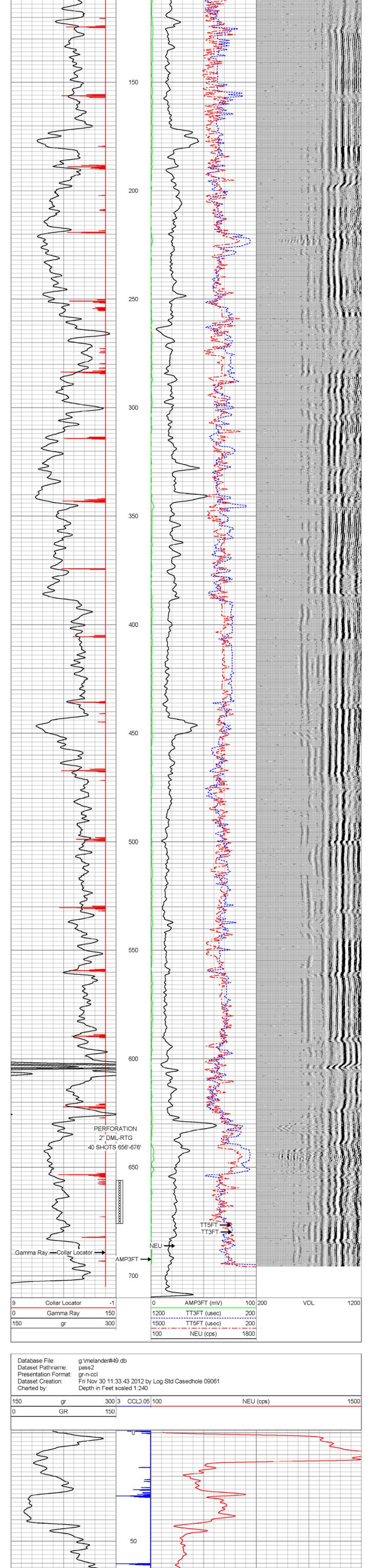
Comments

THANK YOU

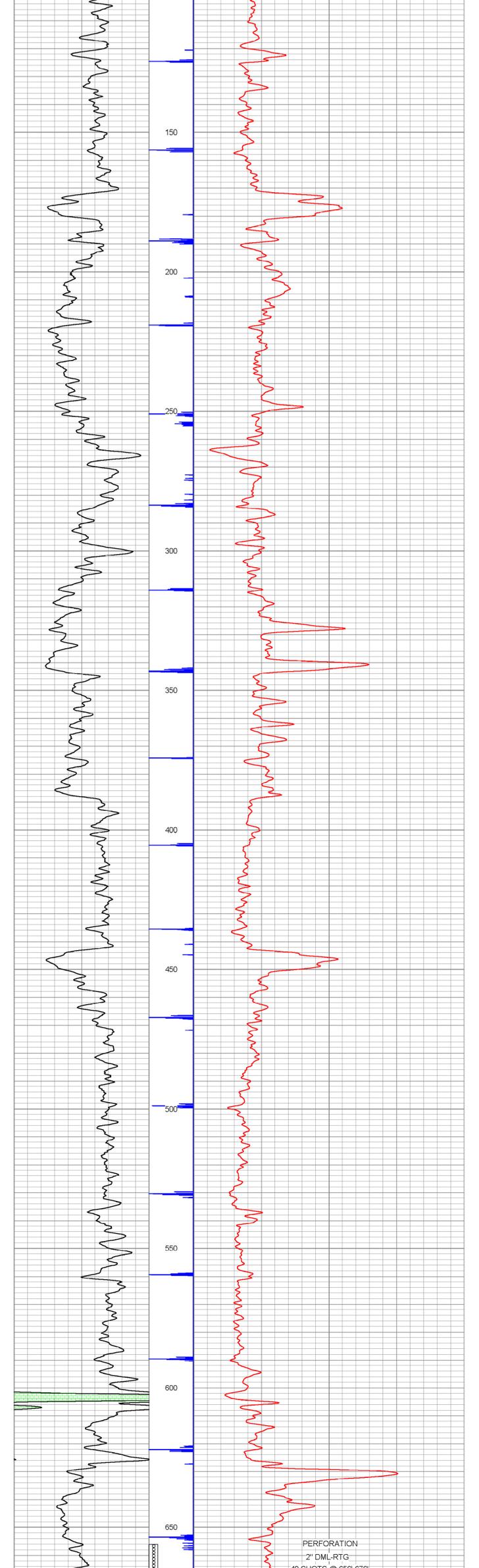
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
TEMP	17.42					
WVF3FT	15.33		CBLTEKCO-168 1x2 w Temp (Del) (010) Tekco 400 Deg F 1 1/16" Dual Receiver with Temp	9.75	1.69	50.00
WVF5FT	14.33					
WVFTEMP	10.92					
WVFSYNC	10.92					
GR	7.59		GR-TITAN 169 (TIT169_001) Titan 1 11/16" 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: melander#49 db: field/well/run1/pass2
Total Length: 20.67 ft
Total Weight: 102.50 lb
O.D.: 1.69 in

Database File: g:\melander#49 db
Dataset Pathname: pass2
Presentation Format: scbl_or
Dataset Creation: Fri Nov 30 11:33:43 2012 by Log Std Casehole 09061
Charted by:



Database File: g:\melander#49 db
Dataset Pathname: pass2
Presentation Format: gr-n-ccl
Dataset Creation: Fri Nov 30 11:33:43 2012 by Log Std Casehole 09061
Charted by:



Database File: g:\melander#49 db
Dataset Pathname: pass2
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