CORNISH
WIRELINE SERVICES, INC.
CHANUTE, KANSAS

GAMMA RAY NEUTRON CEMENT BOND COMPLETION LOG

Company	SOUTHWINDS ENERGY, LLC
Well	MELANDER #47
Field	WAYSIDE-HAVANA
County	MONTGOMERY State KANSAS

Location: API # : 15-125-32270-00-00
1930' FSL & 1055' FEL
NW SW NE SE
SEC 2 TWP 34S RGE 14E

Other Services

		Elevation	Elevation
Permanent Datum	GL	889'EST.	K.B.
Log Measured From	GL		D.F.
Drilling Measured From	GL		G.L. 889'EST.

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Date	10-23-12		
Run Number	1 NW		
Depth Driller			
Depth Logger	728'		
Top Log Interval	0		
Bottom Logged Interval	728'		
Fluid Level	FULL		
Type Fluid	WATER		
Production Casing	2 7/8" @ TD	@	@
Max. Recorded Temp.			
Estimated Cement Top			
Calculated Cement Top	SURFACE		
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor			
Equipment Number	109		
Location			
Recorded By	SANBORN, G.		
Witnessed By	DAVIS, A.		

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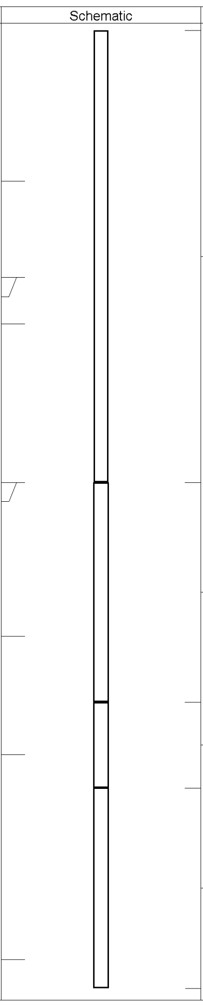
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

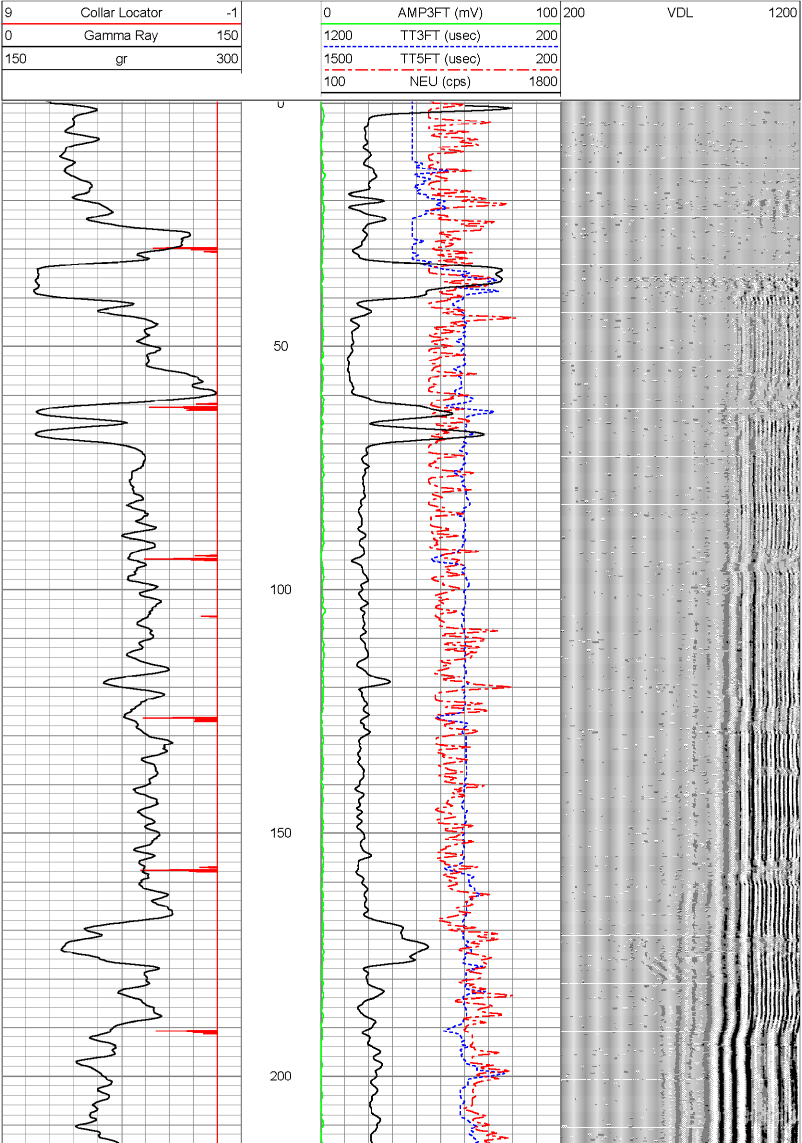
THANK YOU

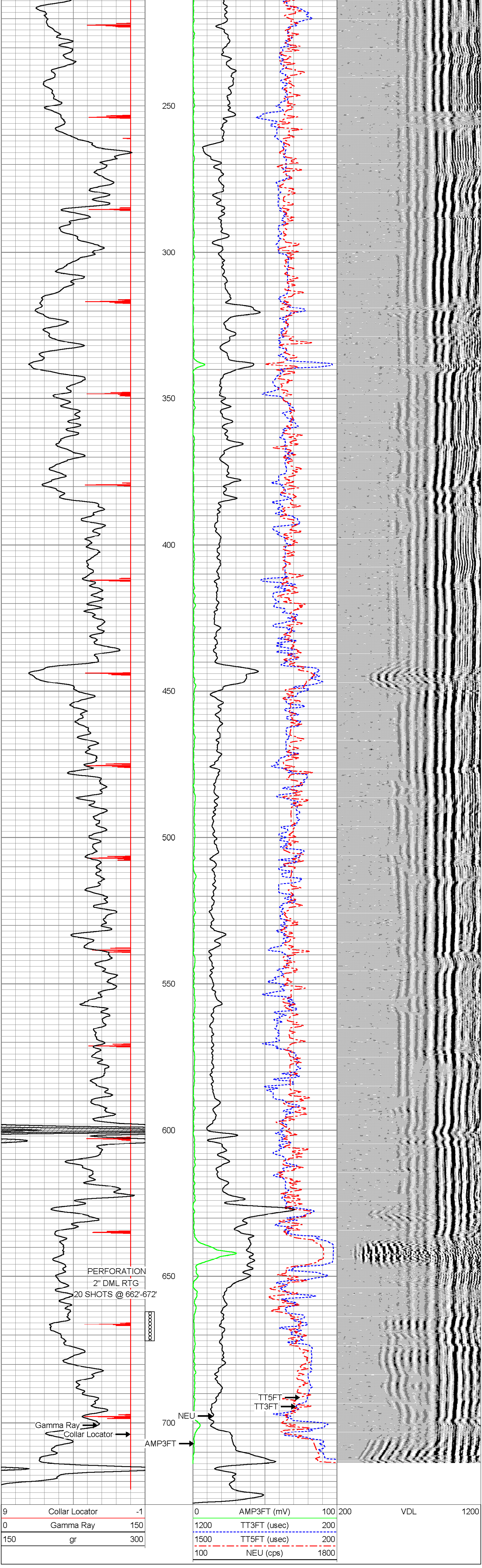


Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
TEMP	17.42					
			CBLTEKCO-168 1x2 w Temp (Del) (010) Tekco 400 Deg F 1 11/16" Dual Receiver with Temp	9.75	1.69	50.00
WVF3FT	15.33					
WVFCAL	15.33					
WVF5FT	14.33					
WVFTEMP	10.92					
WVFSYNC	10.92					
			GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
GR	7.59					
CCL	5.05		CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL	1.83	1.69	7.50
			NEU-TITAN (TIT801) TITAN 1 11/16" Neutron	4.33	1.69	25.00
NEU	0.63					

Dataset: melander #47.db: field/well/run1/pass1
Total Length: 20.67 ft
Total Weight: 102.50 lb
O.D. 1.69 in

Database File:	h:\melander #47.db
Dataset Pathname:	pass1
Presentation Format:	scbl_dr
Dataset Creation:	Tue Oct 23 09:14:02 2012 by Log Std Casedhole 09061
Charted by:	Depth in Feet scaled 1:240





Database File:	h:\melander #47.db
Dataset Pathname:	pass1
Presentation Format:	gr-n-ccl
Dataset Creation:	Tue Oct 23 09:14:02 2012 by Log Std Casedhole 09061
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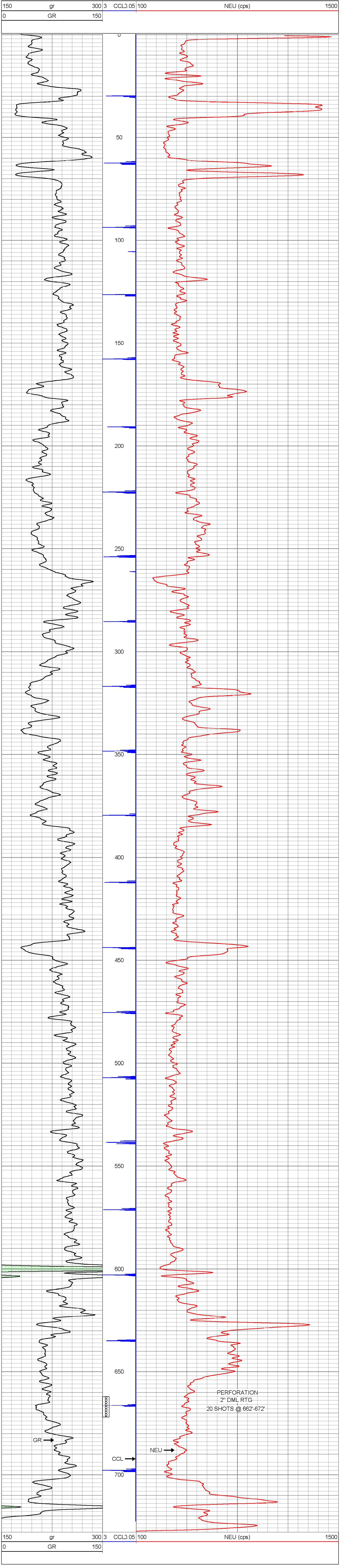

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State	KANSAS Date 10-23-12