PIONEER
Pioneer Energy Services

Sector Bond / Gamma Ray CCL Log

API No.	15-195-22829-00-00
Company	Samuel Gary Jr. & Associates
Well	Shubert ET AL 2-31
Field	Wildcat
County	Trego
State	Kansas
Location	860' FNL & 2800' FEL
Sec:	31
Twp:	11 S
Rge:	21 W
Other Services	
Permanent Datum	Ground Level
Elevation	2306
Log Measured From	Kelly Bushing
Ft. Above Perm. Datum	8
Drilling Measured From	Kelly Bushing
Elevation K.B.	2314
D.F.	
G.L.	2306

Run Number	One	
Date Survey	11/29/2012	
Date Cementing	11/27/2012	
Type Cementing Operation	Primary	
Depth Driller	4080	
Depth Logger	4032	
Logged Interval	2750 to 4031	
Casing Driller	5.5 @ TD	@
Port Collar – D.V. Tool	1755 @	
Squeeze Depth	////	
Amount & Type Cement	////	
Amount & Type Admix	////	
Type Fluid in Hole	Water	
Fluid Level	Full	
Salinity PPM Cl.	////	
Weight Bbl/gal – Vis.	////	
Approx. Logged Cement Top	2874	
Calculated Cement Top	////	
Max. Hole Temperature	112	
Tool No.	PRB1T71	
Spacing Recorded	3' 5'	
Equipment – Location	71 Hays	
Recorded By	Scott Clermont	
Witnessed By	Boomer	

<<< Fold Here >>>

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

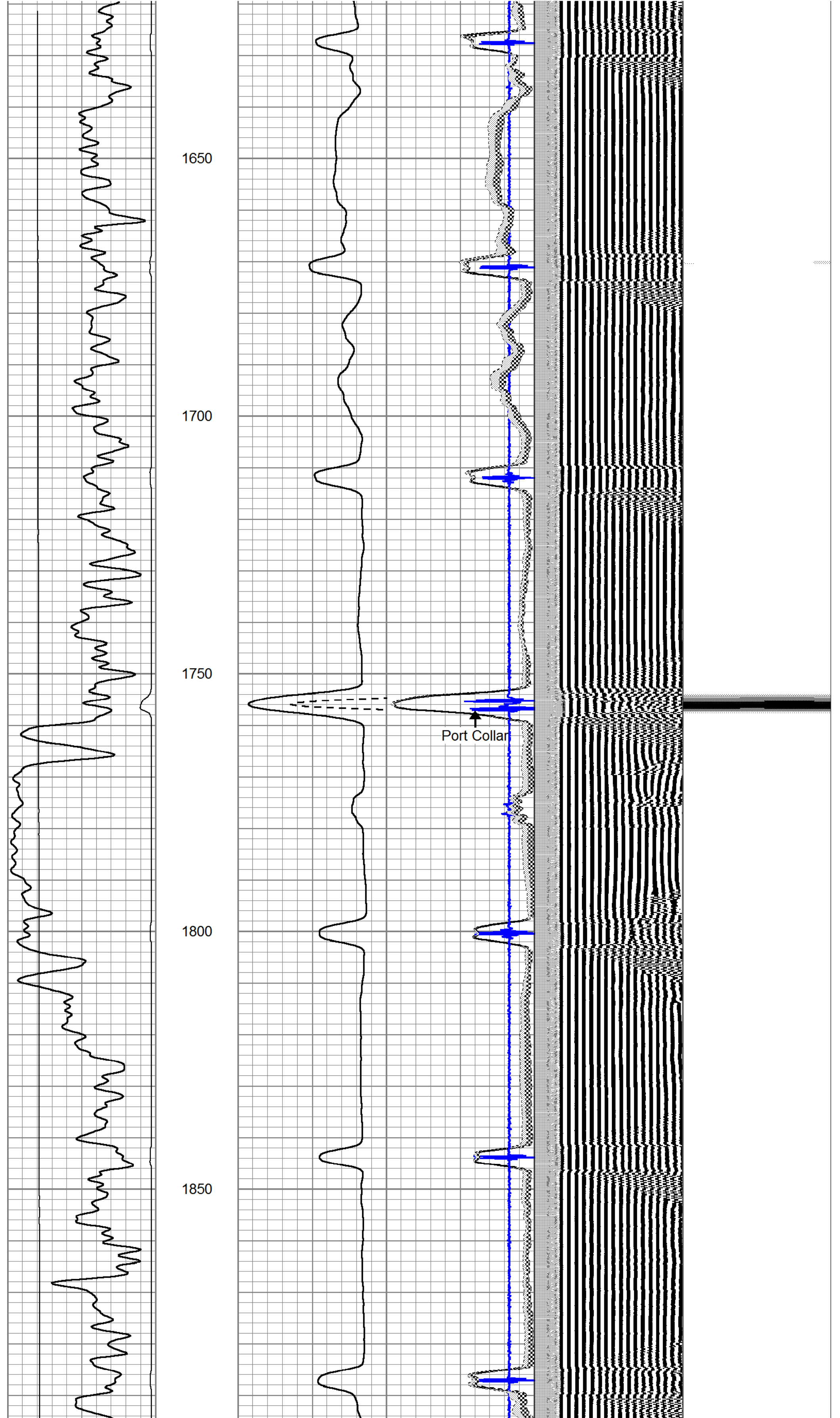
Thank you for using Pioneer Energy Services
785.625.3858

Ogallah Ks. North to F Rd., 2 East to Cattle Guard,
Continue East on Rd. to Well

PIONEER
Pioneer Energy Services

Port Collar @ 1755

Database File: samgary_shubert_etal_2-31.db
Dataset Pathname: sgrcbl/pass4
Presentation Format: scbl02
Dataset Creation: Thu Nov 29 08:57:35 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240



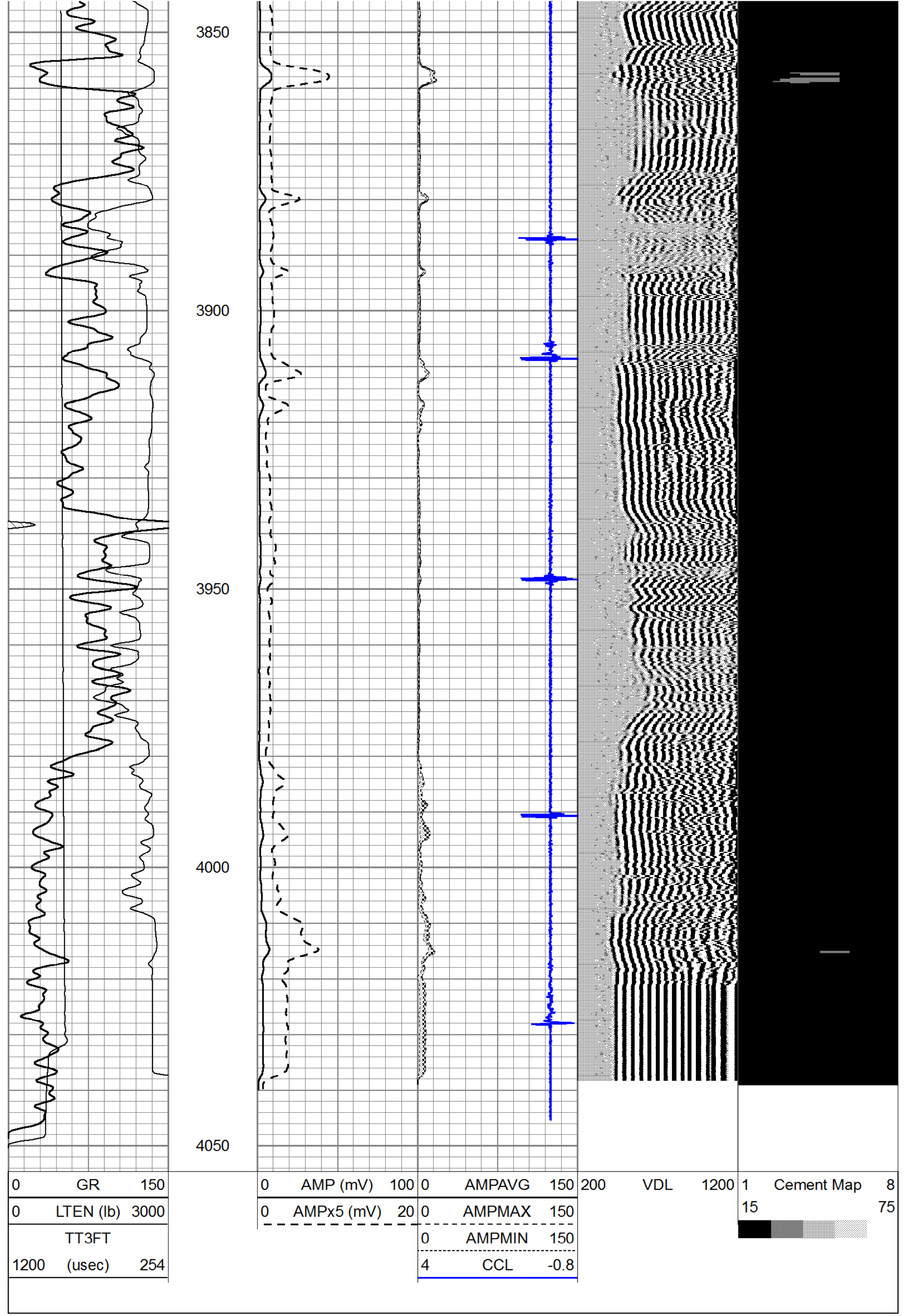
PIONEER
Pioneer Energy Services

Main Pass

Database File: samgary_shubert_etal_2-31.db
Dataset Pathname: sgrcbl/pass3
Presentation Format: scbl02
Dataset Creation: Thu Nov 29 08:29:08 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

PIONEER
Pioneer Energy Services

Repeat Section

Database File: samgary_shubert_etal_2-31.db
Dataset Pathname: sgrcbl/pass2
Presentation Format: scbl02
Dataset Creation: Thu Nov 29 08:23:40 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240