Casedhole Solutions

GAMMA RAY CCL CEMENT BOND VDL

Company NOBLE ENERGY INC.
Well SANDY HILLS FARMS C17-05
Field WATTENBERG
County WELD State COLORADO

Company	NOBLE ENERGY INC.
Well	SANDY HILLS FARMS C17-05
Field	WATTENBERG
County	WELD
State	COLORADO

Location: API #: 0512315554

SW/NW

SEC 17 TWP 4N RGE 64W

Other Services

Permanent Datum	GL	Elevation	4742
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4752
D.F.
G.L. 4742

Date	DECEMBER 15, 2016		
Run Number	ONE		
Depth Driller	7139		
Depth Logger	2000		
Bottom Logged Interval	2000		
Top Log Interval	SURFACE		
Open Hole Size			
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	76		
Time Well Ready	BAYOU RIG		
Time Logger on Bottom	1-11/16 RED		
Equipment Number	92-2338		
Location	45		
Recorded By	GREG NOLAN		
Witnessed By	JAKE EICHER		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8-5/8	24#	SURFACE	351
Prot. String				
Production String	3-1/2	7.7# M-75	SURFACE	7106
Liner				

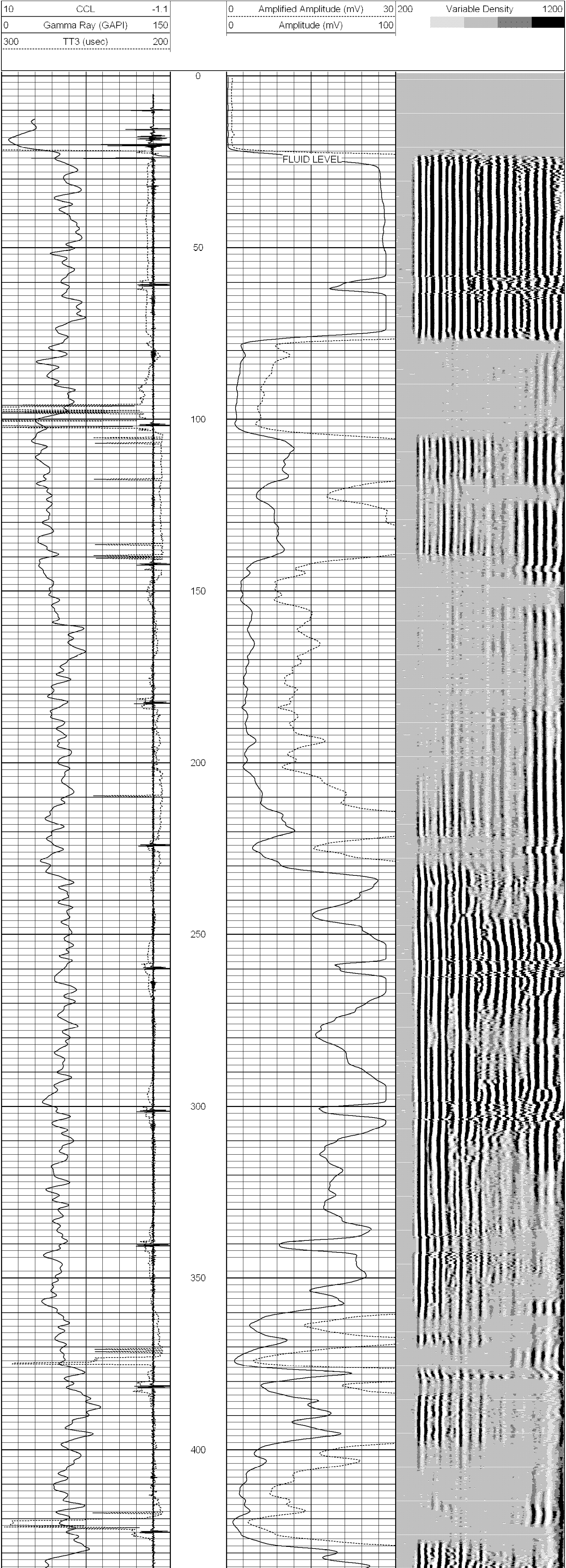
<<< Fold Here >>>

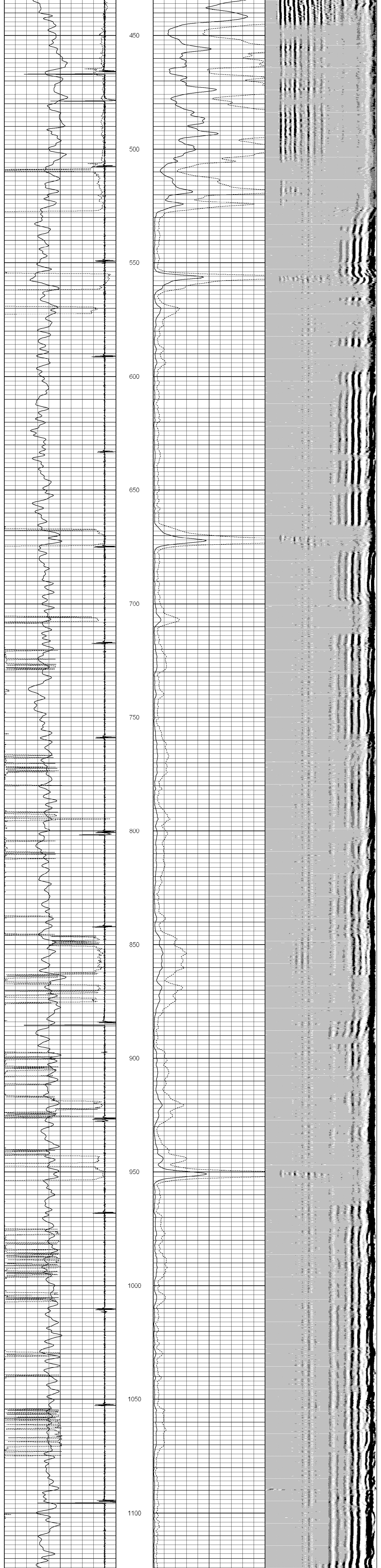
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

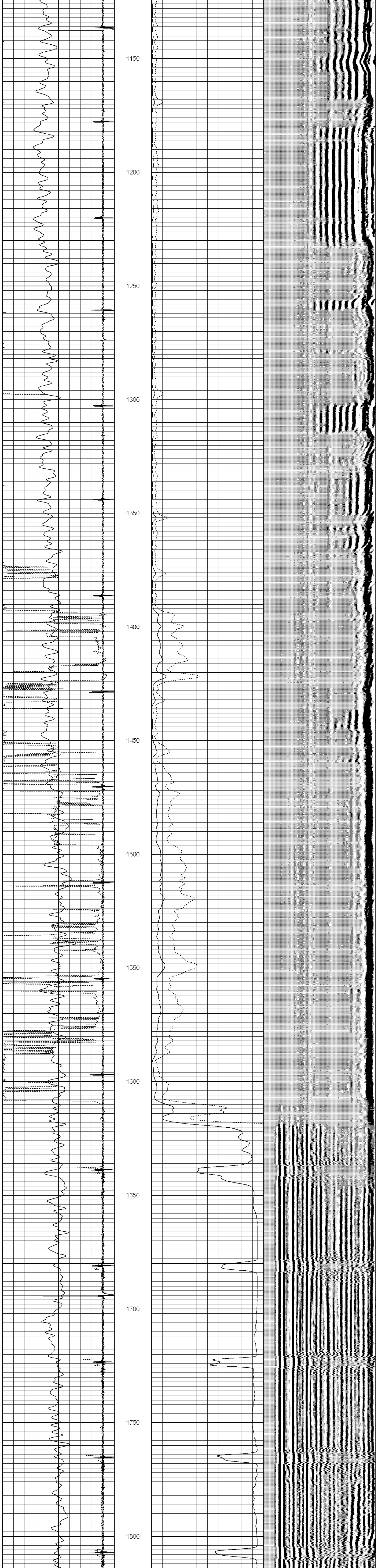
Comments

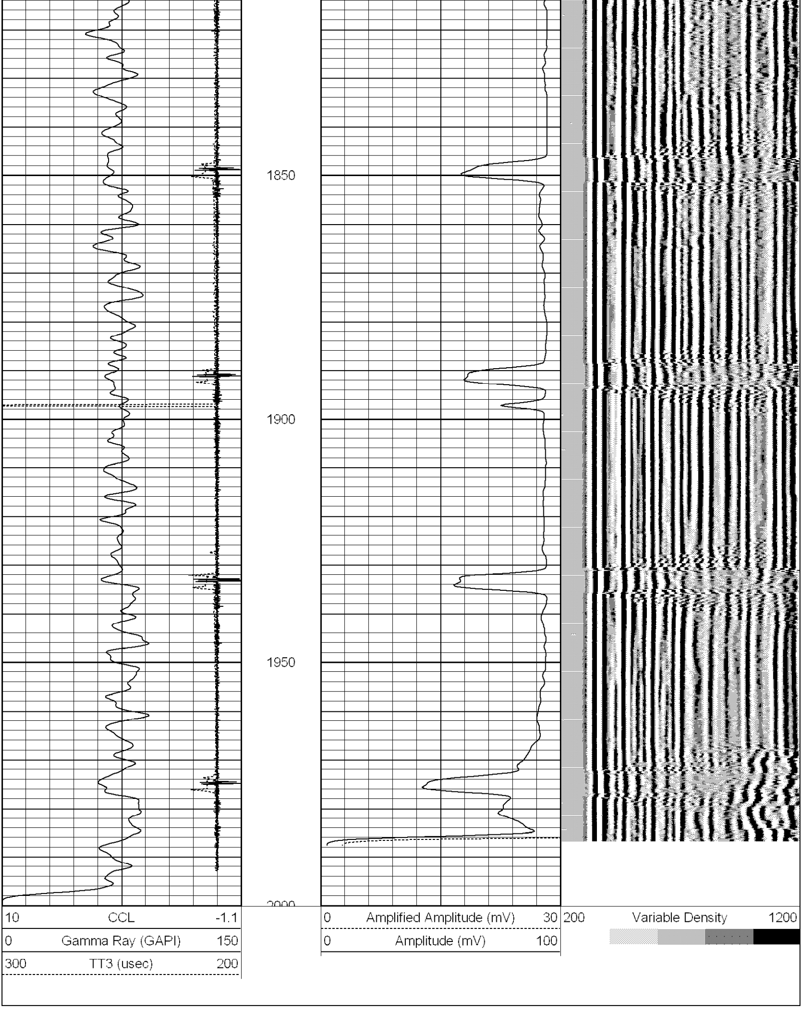
THANK YOU FOR CHOOSING CHS!!!!
LOG NOT CORRELATED
WCR 46, & 51, S.3, W INTO

Database File:	cbl noble sh farms c17-5.db
Dataset Pathname:	pass4
Presentation Format:	nuexcbl
Dataset Creation:	Fri Jan 15 08:29:58 2016 by Log SCH 120430
Charted by:	Depth in Feet scaled 1:240









Calibration Report

Database File: cbl noble sh farms c17-5.db
Dataset Pathname: pass4
Dataset Creation: Fri Jan 15 08:29:58 2016 by Log SCH 120430

Gamma Ray Calibration Report

Serial Number:	tit/temp	
Tool Model:	temp/tit	
Performed:	Wed Oct 09 07:50:28 2013	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.7000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	TEKCO-01		
Tool Model:	TEKCO-1x2		
Performed:	Fri Jan 15 08:28:44 2016		
Depth:	2049.37	ft	
Casing Diameter:	3.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	2.5	0	mV
Calibrated Amplitude:	94.5169	94.5169	mV
Reading at Signal Zero:	-0.00622559	-0.00593262	V
Reading in Free Pipe:	2.49849	2.49878	V
Gain:	36.7375	37.7356	
Offset:	2.72871	0.223871	