PSI
PHOENIX SURVEYS, INC.

Cement Bond Log
Gamma Ray - CCL - VDL

Company	Rosetta Resources Operating, LP
Well	Kerbs L&C 08-09
Field	Wildcat
County	Yuma
State	Colorado

Company Rosetta Resources Operating, LP
Well Kerbs L&C 08-09
Field Wildcat
County Yuma State Colorado

Location: API # : 05-125-11740-00
1949' FSL & 1194' FEL
NE SE
SEC 8 TWP 1S RGE 45W

Other Services
MAST
PERF

Permanent Datum	Ground Level	Elevation	3911
Log Measured From	Kelly Bushing		
Drilling Measured From	Kelly Bushing		

Elevation
K.B. 3923
D.F. 3922
G.L. 3911

Date	20-Apr-2010		
Run Number	1		
Depth Driller	2650		
Depth Logger	2566		
Bottom Logged Interval	2565		
Top Log Interval	1490		
Open Hole Size	6.125"		
Type Fluid	Water		
Density / Viscosity	8.34 lb/gal		
Max. Recorded Temp.	113 DEGF		
Estimated Cement Top	1690		
Time Well Ready	N/A		
Time Logger on Bottom	N/A		
Equipment Number	#54		
Location	Fort Morgan, CO		
Recorded By	Sam Hopper		
Witnessed By	Aaron Startz		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4.5"	10.5 lb/ft	Surface	2650
Liner				

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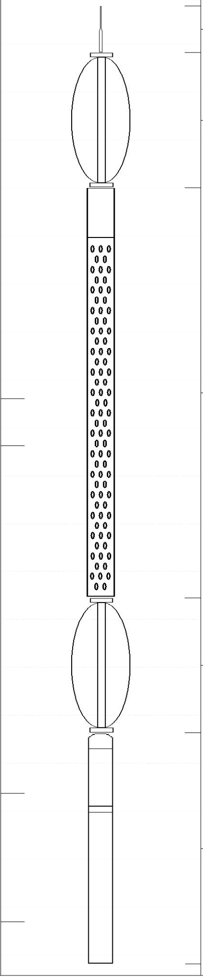
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

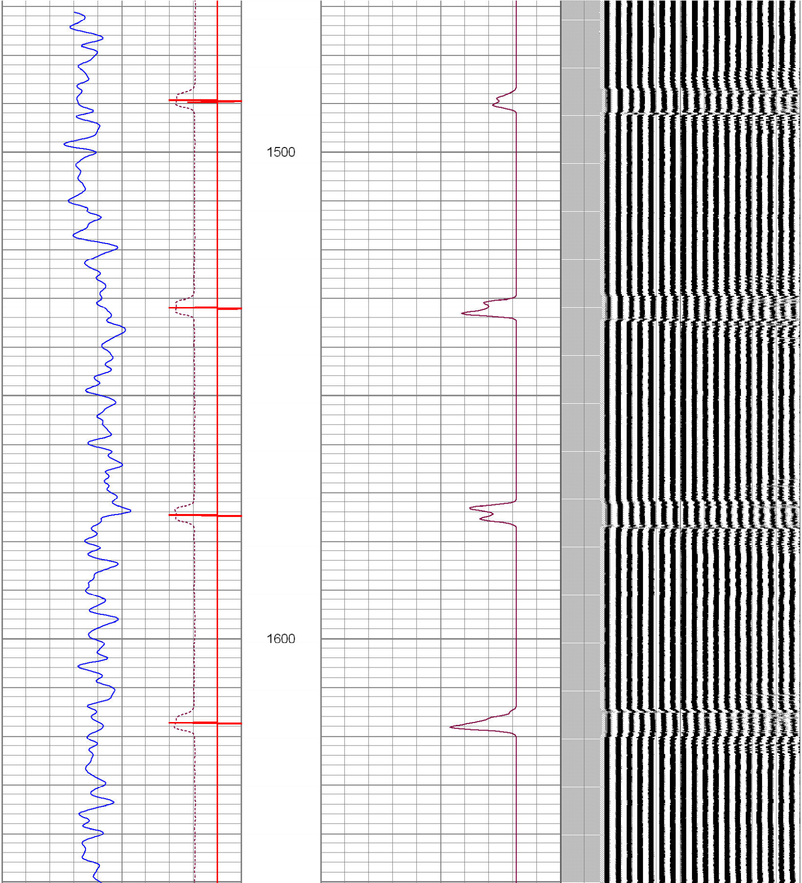
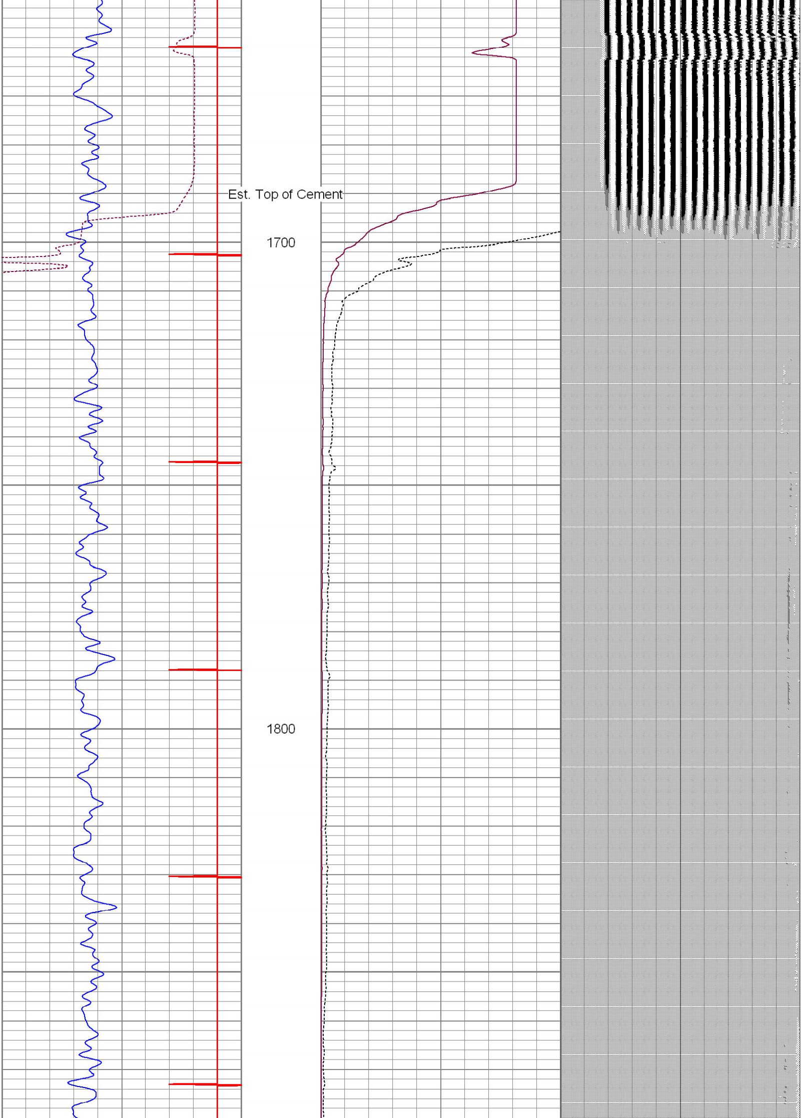
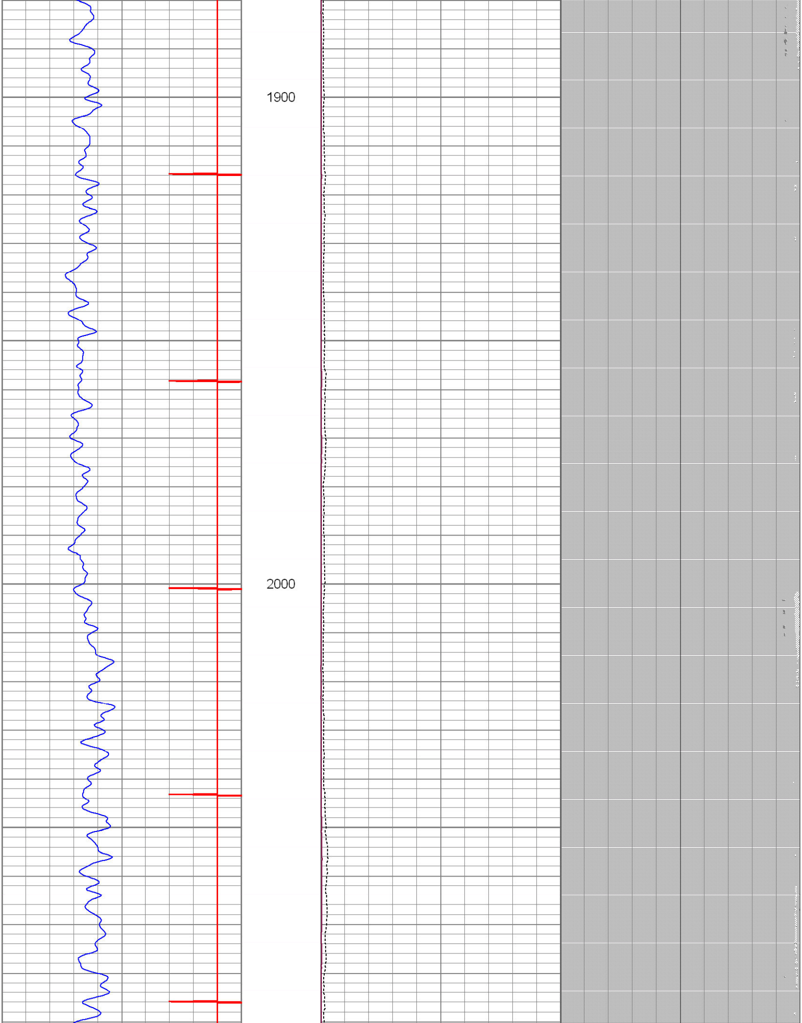
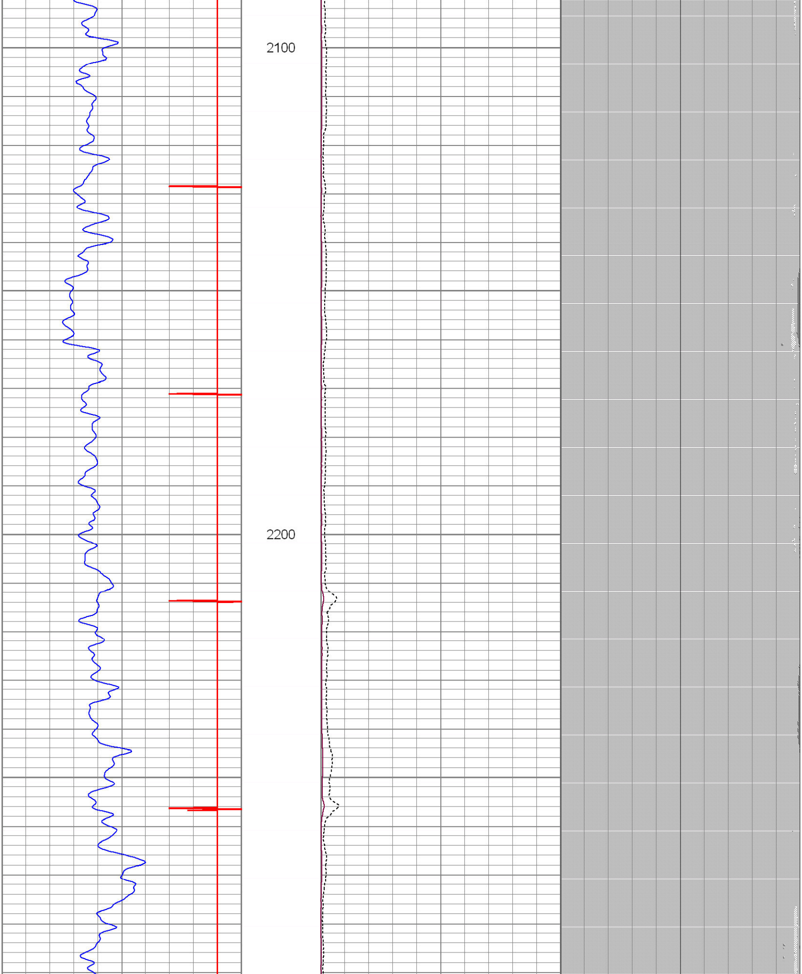
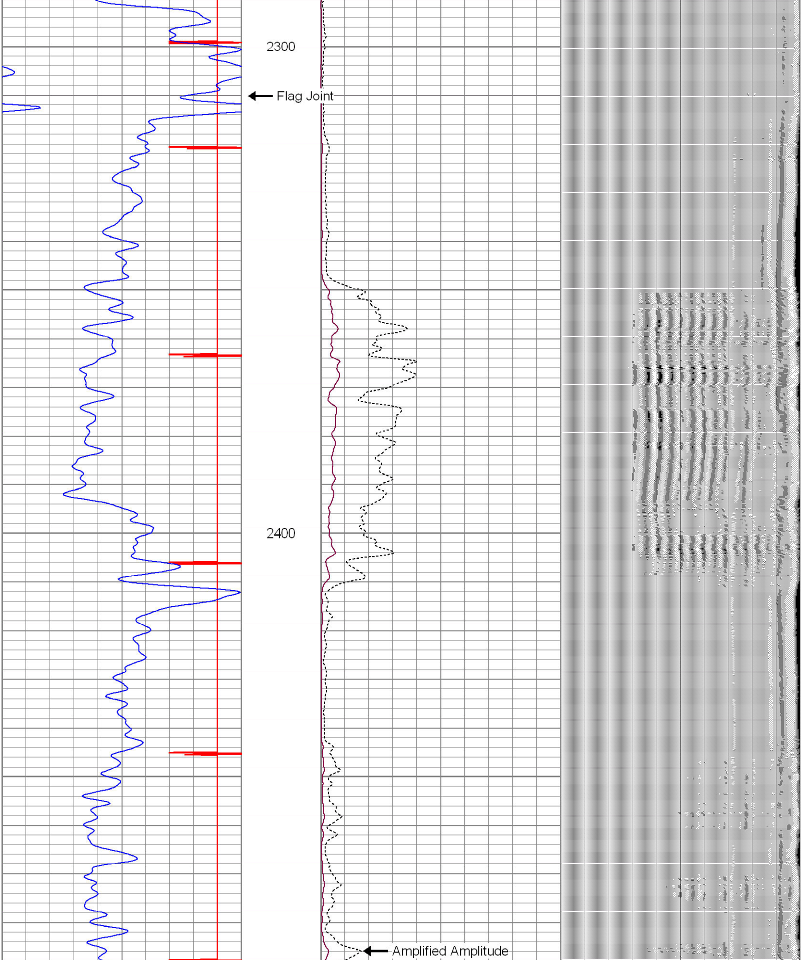
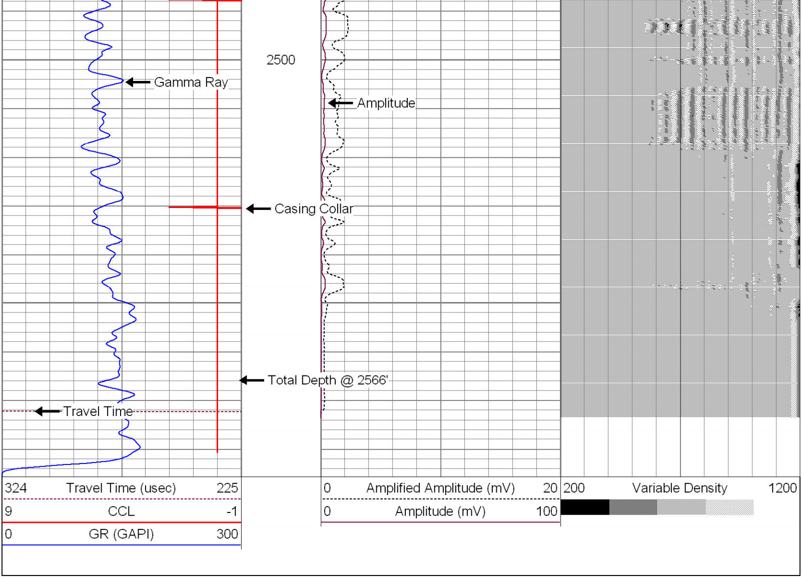
Comments

Depth Ref to PSI Tripple Combo Log dated 23-Mar-2010.
Run CBL from TD to 200' above cement top.
Perforate 2350-2360 @ 4 SPF, 10' NET, 40 Shots,
using Titan 19gm, 0.40"EHD, 40.89"PENE, 120deg phasing.
API# 05-125-11740-00
Thank you for using Phoenix Surveys!!

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.69	1.00
			SDSCENT Centralizer	2.87	2.75	24.00
WVF3	12.04		CBL-Probe (050215)	8.75	2.75	93.00
WVF5	11.04					
			SDSCENT Centralizer	2.87	2.75	24.00
CCL	3.63					
			GR_CCL-SDS (SDSSEMO) GR/CCL (050-GR275-001)	4.92	2.75	60.00
GR	0.90					

Dataset:	rosetta_kerbs_l&c_08-09.db: field/well/run1/pass2
Total Length:	20.41 ft
Total Weight:	202.00 lb
O.D.	2.75 in

Database File: rosetta_kerbs_l&c_08-09.db
Dataset Pathname: pass2
Presentation Format: cbl_dr
Dataset Creation: Tue Apr 20 09:27:50 2010 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

324	Travel Time (usec)	225	0	Amplified Amplitude (mV)	20	200	Variable Density	1200
9	CCL	-1	0	Amplitude (mV)	100			
0	GR (GAPI)	300