Pioneer Energy Services

CEMENT BOND LOG
WITH GAMMA RAY/CCL/VDL

Company GREAT WESTERN OIL & GAS
Well BAILEY #1
Field WATTENBURG
County WELD
State CO

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Location: API # : 05-001-08223

SEC TWP RGE

Other Services

Permanent Datum	GROUND LEVEL	Elevation	K.B. 5082'
Log Measured From	KELLY BUSHING		D.F. 5082'
Drilling Measured From	KB= 7'		G.L. 5075'

Date	6 MAY 2014		
Run Number	ONE		
Depth Driller	8275'		
Depth Logger	8154'		
Bottom Logged Interval	8144'		
Top Log Interval	6867'		
Open Hole Size	NA		
Type Fluid	WATER		
Density / Viscosity	8.33		
Max. Recorded Temp.	NA		
Estimated Cement Top	6867'		
Time Well Ready	13:00		
Time Logger on Bottom	13:30		
Equipment Number	53		
Location	FORT MORGAN		
Recorded By	ANDREW BELGUM		
Witnessed By	LUKE MAHONEY		

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				
Liner				

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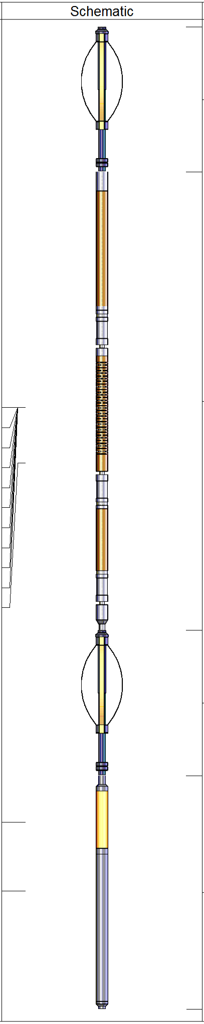
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

THANK YOU FOR USING PIONEER ENERGY SERVICES
RAN OUT OF FLUID AT 6867'

Sensor	Offset (ft)
WVF3FT	11.71
WVFCAL	11.71
WVFS1	11.71
WVFS2	11.71
WVFS3	11.71
WVFS4	11.71
WVFS5	11.71
WVFS6	11.71
WVFS7	11.71
WVFS8	11.71
WVF5FT	10.63
CCL	3.63
GR	2.30

Schematic



Description	Len (ft)	OD (in)	Wt (lb)
PTS275	2.83	2.75	
RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
PTS275	2.83	2.75	
GR_CCL-Probe (111211) Probe Gamma CCL	4.54	2.75	100.00

Dataset: great_western_bailey#1_cbl.db: field/well/run1/pass8
Total Length: 19.13 ft
Total Weight: 190.00 lb
O.D. 2.75 in

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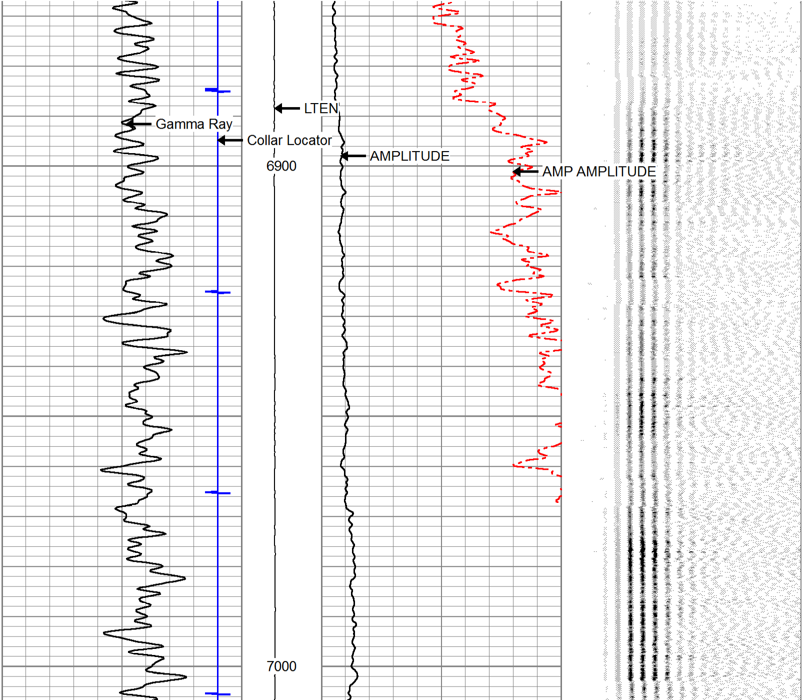
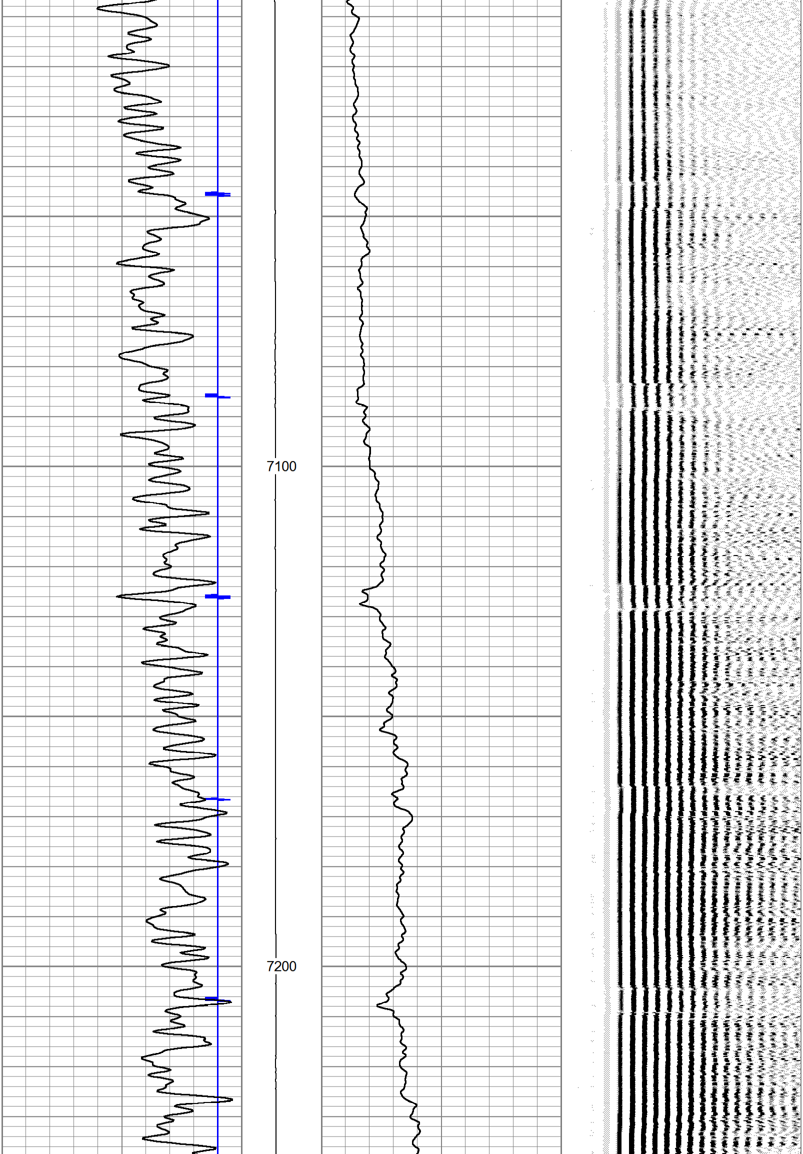
MAIN PASS

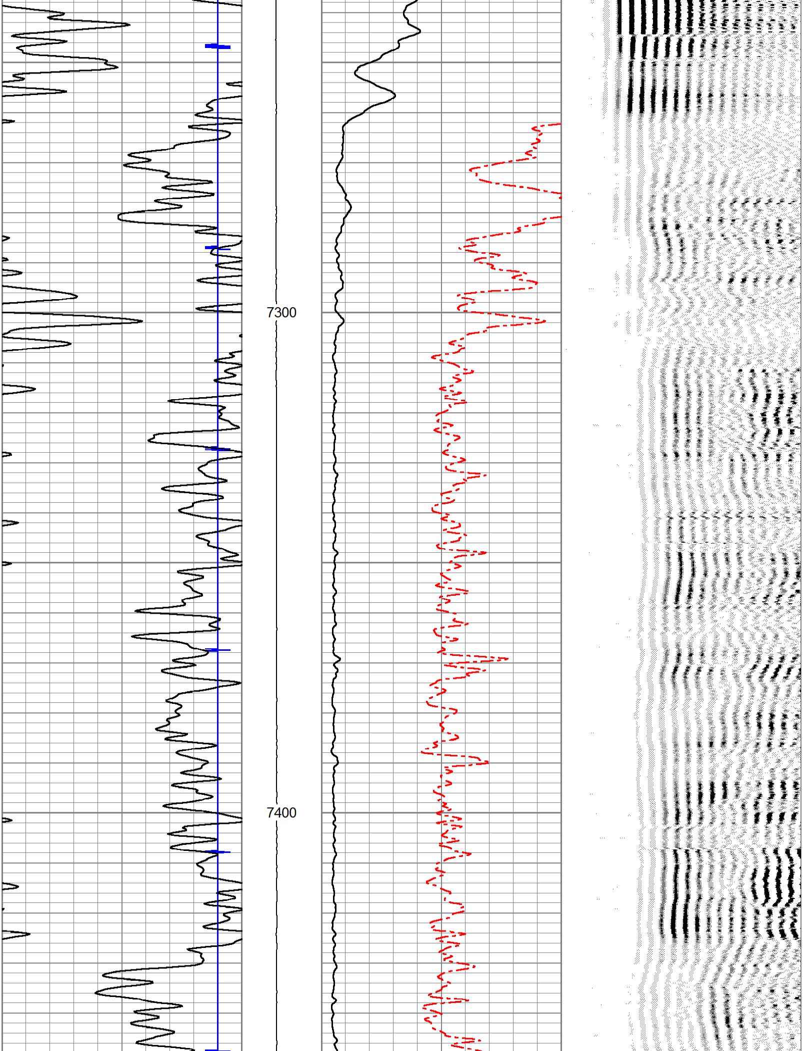
LOGGED WITH 0 PSI APPLIED AT SURFACE

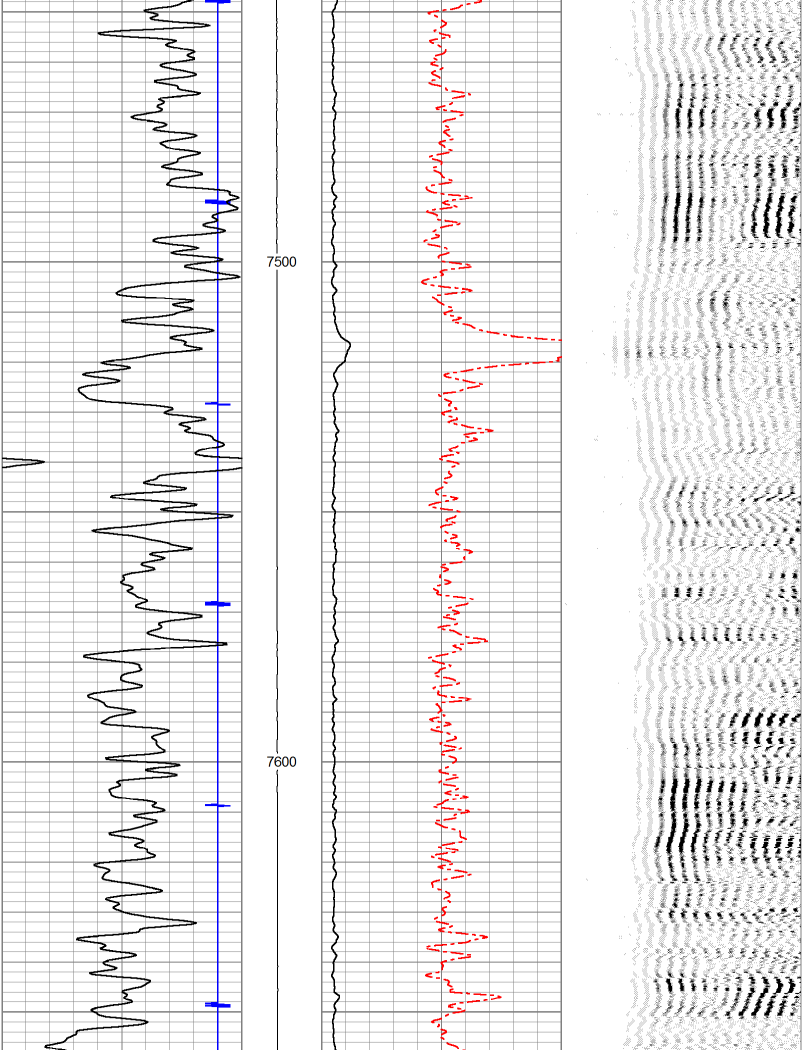
Database File:	great_western_bailey#1_cbl.db
Dataset Pathname:	pass8
Presentation Format:	cbl
Dataset Creation:	Tue May 06 13:39:53 2014 by Log 7.0 B1
Charted by:	Depth in Feet scaled 1:240

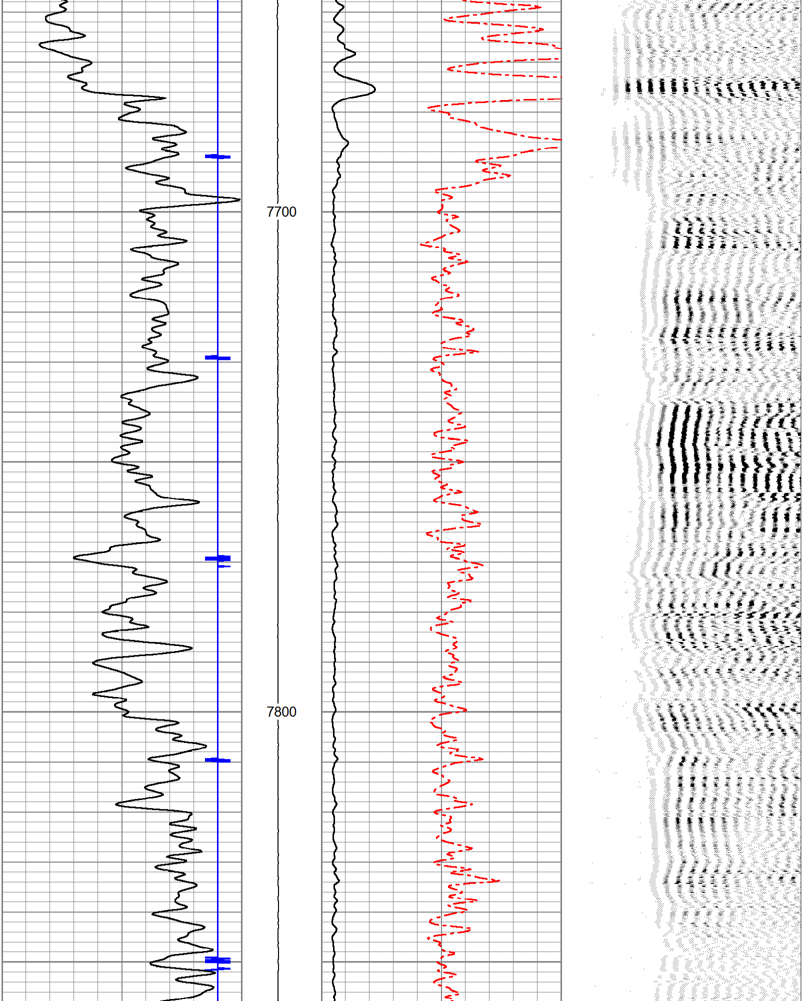
18 Collar Locator -2	LTEN	0 AMP AMPLITUDE (mV) 10	200 Variable Density 1200
0 Gamma Ray (GAPI) 200	0 (lb 3000	0 AMPLITUDE (mV) 100	

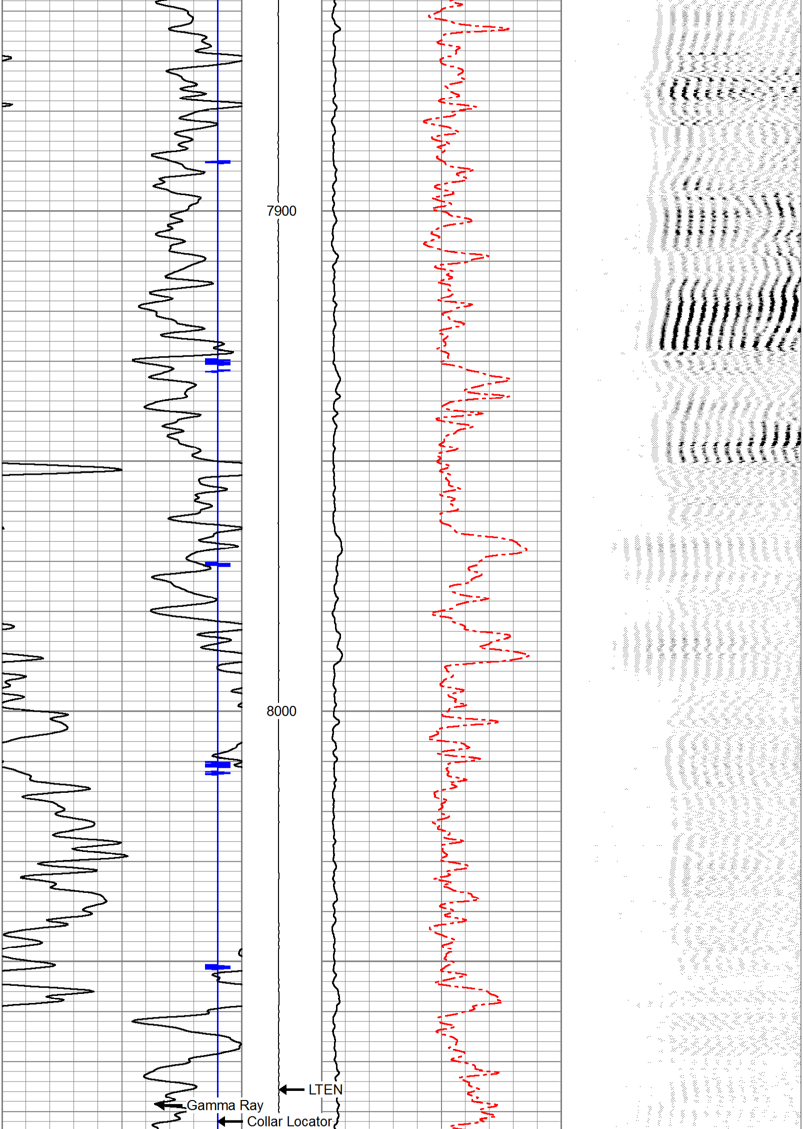


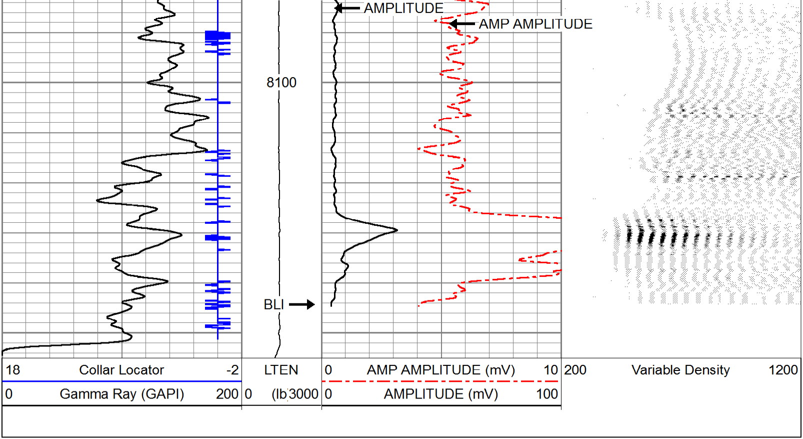












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Company	GREAT WESTERN OIL & GAS
Well	BAILEY #1
Field	WATTENBURG
County	WELD
State	CO