Company BONANZA CREEK ENERGY INC.
Well STATE ANTELOPE J14-F11-24 HNB
Field WATTENBERG
County WELD
State CO

WARRIOR
ENERGY SERVICES

CEMENT BOND
GAMMA RAY
CCL

Company	BONANZA CREEK ENERGY INC.
Well	STATE ANTELOPE J14-F11-24 HNB
Field	WATTENBERG
County	WELD
State	CO

Location: API #: 05-123-36472 00
183 FSL 1247 FWL
SEC 24 TWP 5N RGE 62W

Other Services

			Elevation
Permanent Datum	GL	Elevation 4562	K.B. 4579
Log Measured From	KB 17'		D.F. 4578
Drilling Measured From	KB		G.L. 4562

Date	2-12-2013
Run Number	ONE
Depth Driller	6100
Depth Logger	6100
Bottom Logged Interval	6100
Top Log Interval	1150
Open Hole Size	7 7/8"
Type Fluid	WATER
Density / Viscosity	1.0
Max. Recorded Temp.	194
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	7770
Location	GREELEY
Recorded By	K.BRABEC
Witnessed By	K.DODGE

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

Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0					
TWO	7 7/8"						

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String			0	
Prot. String				
Production String	7"	23#	0	TD
Liner				

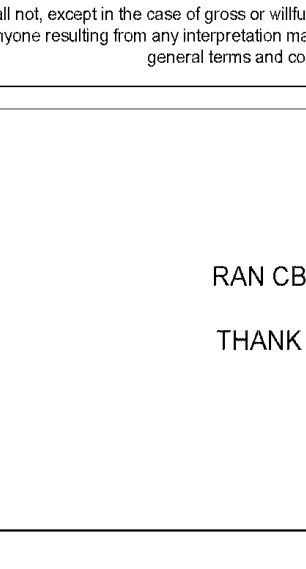
<<< Fold Here >>>

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

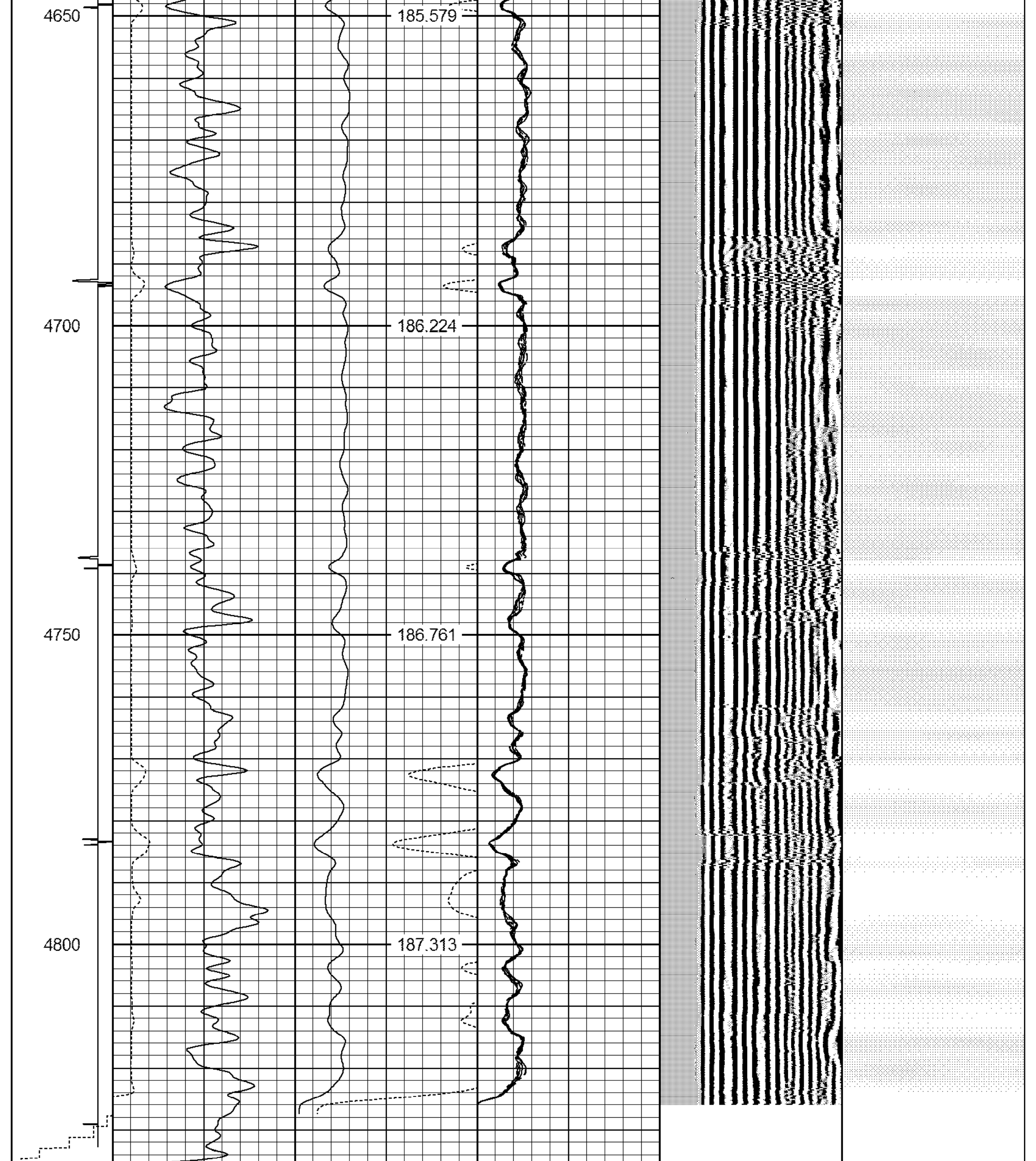
RAN CBL TO VERIFY CEMENT.

THANK YOU FOR USING I.P.S.

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STD-Standard (STNDRD) Standard Cable Head	0.83	1.44	1.00
			Probe	2.67	2.75	40.00
HEADVOLT	16.25					
IntTemp	14.83					
WVF3FT	11.58		RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFCAL	11.58					
WVFS1	11.58					
WVFS2	11.58					
WVFS3	11.58					
WVFS4	11.58					
WVFS5	11.58					
WVFS6	11.58					
WVFS7	11.58					
WVFS8	11.58					
WVF5FT	10.58					
			CENT-Probe (PTS_MONO)	3.00	2.75	35.00
CCL	3.64					
			GR-Probe (275) Probe 2.75"	4.33	2.75	30.00
GR	0.90					

Dataset: state antelope j-14-f11-24 hnb.db: field/well/run1/pass6
Total Length: 19.75 ft
Total Weight: 196.00 lb
O.D. 2.75 in

Database File: state antelope j-14-f11-24 hnb.db
Dataset Pathname: pass7
Presentation Format: ips_rbt
Dataset Creation: Tue Feb 12 14:55:58 2013 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240



-6 CCL 1	250 TT (usec) 850	0 AMP (mV) 100	0 AMPS1 100	200 VDL 1200	1 Cement Map 8
LSPD (ft/min) 0 100	30 GR (GAPI) 130	0 AMPx5 (mV) 20	0 AMPS2 100		10 85
	130 GR (GAPI) 230	IntTemp (degF)	0 AMPS3 100		
			0 AMPS4 100		
			0 AMPS5 100		
			0 AMPS6 100		
			0 AMPS7 100		
			0 AMPS8 100		

Database File:	state antelope j-14-f11-24 hnb.db
Dataset Pathname:	pass6
Presentation Format:	ips_rbt
Dataset Creation:	Tue Feb 12 14:36:54 2013 by Log Std Casedhole 09061
Charted by:	Depth in Feet scaled 1:240

-6 CCL 1	250 TT (usec) 850	0 AMP (mV) 100	0 AMPS1 100	200 VDL 1200	1 Cement Map 8
LSPD (ft/min) 0 100	0 GR (GAPI) 200	0 AMPx5 (mV) 20	0 AMPS2 100		10 85
	200 GR (GAPI) 400	IntTemp (degF)	0 AMPS3 100		
			0 AMPS4 100		
			0 AMPS5 100		
			0 AMPS6 100		
			0 AMPS7 100		
			0 AMPS8 100		

-6 CCL 1	250 TT (usec) 850	0 AMP (mV) 100	0 AMPS1 100	200 VDL 1200	1 Cement Map 8
LSPD (ft/min) 0 100	0 GR (GAPI) 200	0 AMPx5 (mV) 20	0 AMPS2 100		10 85
	200 GR (GAPI) 400	IntTemp (degF)	0 AMPS3 100		
			0 AMPS4 100		
			0 AMPS5 100		
			0 AMPS6 100		
			0 AMPS7 100		
			0 AMPS8 100		

WARRIOR
ENERGY SERVICES

Company	BONANZA CREEK ENERGY
Well	STATE ANTELOPE J14-F11-24 HNB
Field	WATTENBERG
County	WELD
State	CO