Company	BONANZA CREEK OPERATING INC.
Well	NORTH PLATTE 32-34
Field	WATTENBERG
County	WELD
State	COLORADO

J-W WIRELINE COMPANY

CEMENT BOND GAMMA RAY COLLAR CORRELATION LOG

Company	BONANZA CREEK OPERATING INC.
Well	NORTH PLATTE 32-34
Field	WATTENBERG
County	WELD	State COLORADO
Location:	API #: 05-123-33613-00
	SHL: 678' FNL & 2077' FEL NW/NE
	BHL: 1997' FNL & 1990' FEL SW/NE
	SEC 34 TWP 5N RGE 63W
Other Services	PERF

Permanent Datum	GROUND LEVEL	Elevation 4536	Elevation K.B. 4546
Log Measured From	KELLY BUSHING		D.F. 4545
Drilling Measured From	KELLY BUSHING		G.L. 4536

Date	29-JUN-2011
Run Number	ONE
Depth Driller	6845
Depth Logger	6803
Bottom Logged Interval	6802
Top Log Interval	3184
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	--
Max. Recorded Temp.	224 F
Estimated Cement Top	3482
Time Well Ready	--
Time Logger on Bottom	--
Equipment Number	2337/1
Location	BRIGHTON
Recorded By	GREG JACKSON
Witnessed By	MS. BARB MARTIN

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 1/2	11.6	SURFACE	TOTAL DEPTH
Liner				

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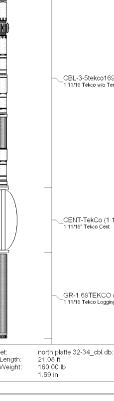
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

LOG CORRELATED TO HRI/CDN DATED 23-JUN-2011

THANK YOU FOR CHOOSING J-W WIRELINE



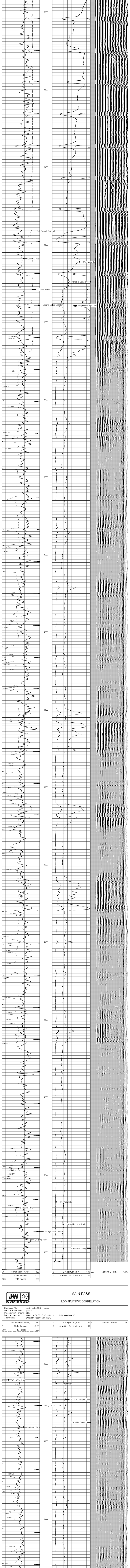
Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
CCL	20.25	CCL-169TEKCO (169) 1 11/16" Tekco Logging	1.67	1.69	20.00
		CENT-TekCo (1 11/16 Adj.) (001) 1 11/16" Tekco Cent	2.92	1.69	10.00
WVF3	11.00	CBL-3-5tekco169 (1) 1 11/16 Tekco w/o Temp	9.75	1.69	70.00
WVF5	10.17				
		CENT-TekCo (1 11/16 Adj.) (002) 1 11/16" Tekco Cent	2.92	1.69	10.00
GR	1.00	GR-1.69TEKCO (576) 1 11/16 Tekco Logging GR	3.83	1.69	50.00

Dataset:	north platte 32-34_cbl.db: field/well/run1/pass2
Total Length:	21.08 ft
Total Weight:	160.00 lb
O.D.	1.69 in

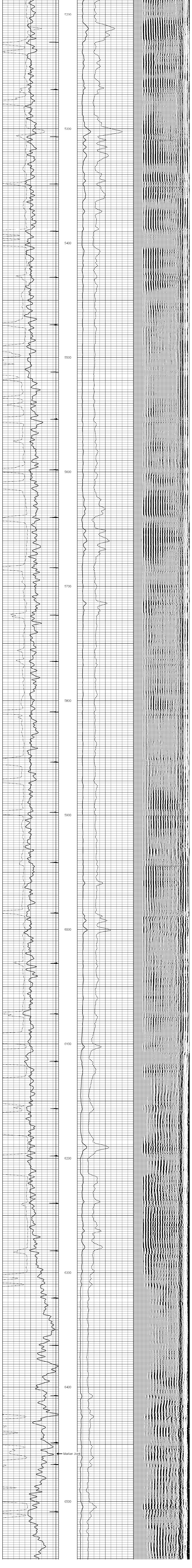
MAIN PASS

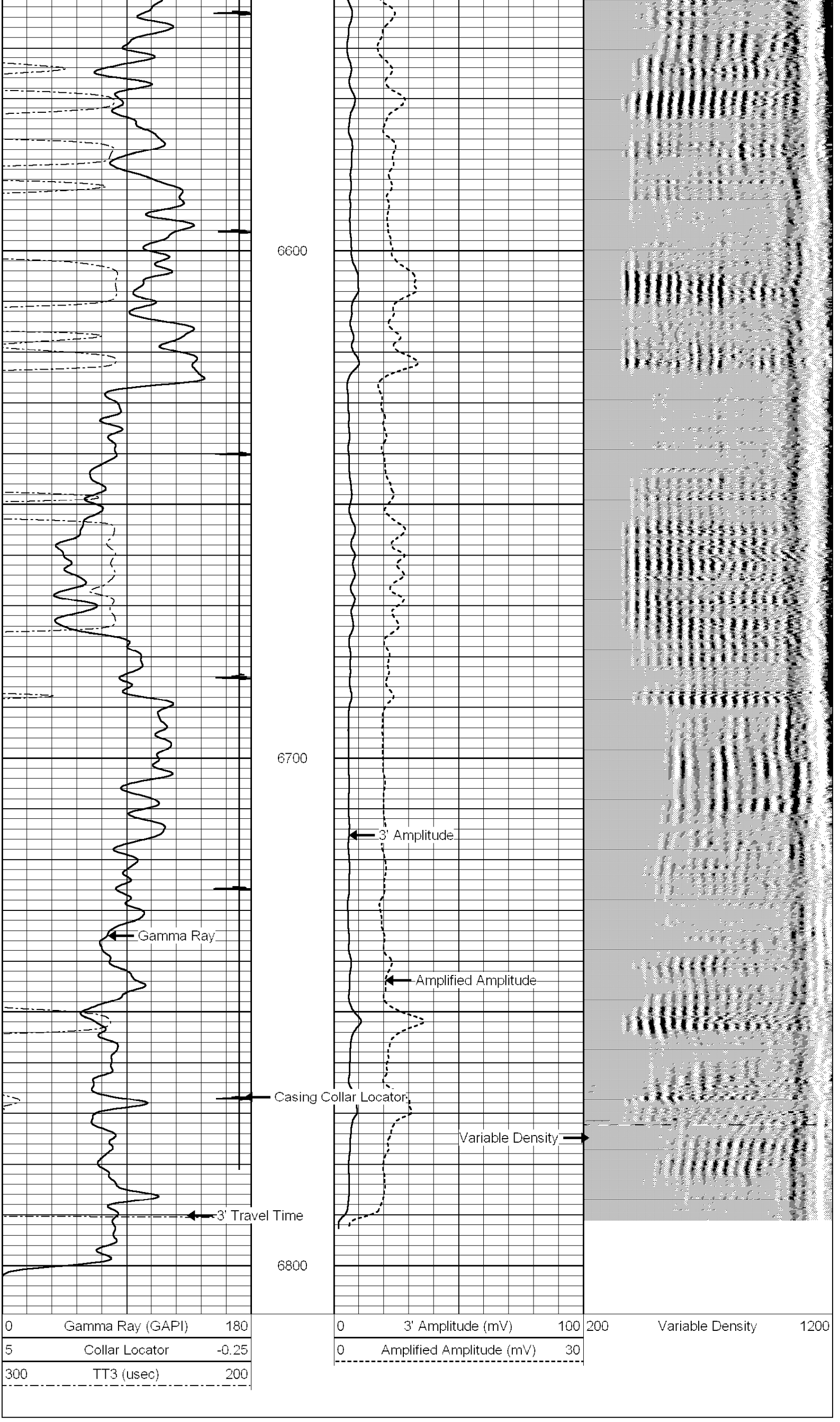
Database File:	north platte 32-34_cbl.db
Dataset Pathname:	pass3
Presentation Format:	cblx
Dataset Creation:	Wed Jun 29 09:15:23 2011 by Log Std Casedhole 10121
Charted by:	Depth in Feet scaled 1:240

30	Gamma Ray (GAPI)	130	0	3' Amplitude (mV)	100	200 Variable Density	1200
5	Collar Locator	-0.25	0	Amplified Amplitude (mV)	30		
300	TT3 (usec)	200					



MAIN PASS





Calibration Report

Database File:	north platte 32-34_cbl.db
Dataset Pathname:	pass2
Dataset Creation:	Wed Jun 29 08:45:36 2011 by Log Std Casedhole 10121

Gamma Ray Calibration Report

Serial Number:	576	
Tool Model:	1.69TEKCO	
Performed:	Sun Jun 13 13:33:21 1993	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	1		
Tool Model:	3-5tekco169		
Performed:	Wed Jun 29 08:30:11 2011		
Depth:	3383.74	ft	
Casing Diameter:	4.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	3	0	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	0.03	0.03	V
Reading in Free Pipe:	2.07961	2.49639	V
Gain:	38.1516	32.9211	
Offset:	1.85545	-0.987632	