J-W WIRELINE COMPANY

CEMENT BOND
GAMMA RAY
COLLAR CORRELATION LOG

Company BONANZA CREEK ENERGY OPERATING
Well NORTH PLATTE 34-33
Field WATTENBERG
County WELD
State COLORADO

Company BONANZA CREEK ENERGY OPERATING
Well NORTH PLATTE 34-33
Field WATTENBERG
County WELD State COLORADO
Location: API # : 05-123-33369-00
SHL: 475' FNL & 474' FEL NE/NE SEC. 4
BHL: 673' FSL & 1975' FEL SW/SE SEC. 33
SEC 33 TWP 5N RGE 63W

Other Services
PERF

Permanent Datum	GROUND LEVEL Elevation 4535
Log Measured From	KELLY BUSHING
Drilling Measured From	KELLY BUSHING

Elevation
K.B. 4551
D.F. 4550
G.L. 4535

Date	27-SEP-2011
Run Number	ONE
Depth Driller	6910
Depth Logger	6857
Bottom Logged Interval	6856
Top Log Interval	2200
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	--
Max. Recorded Temp.	224 F
Estimated Cement Top	2400
Time Well Ready	ROA
Time Logger on Bottom	--
Equipment Number	2337 / 1
Location	BRIGHTON
Recorded By	GREG JACKSON
Witnessed By	MS. BARB MARTIN

Run Number	Borehole Record Bit	From	To	Tubing Record 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				

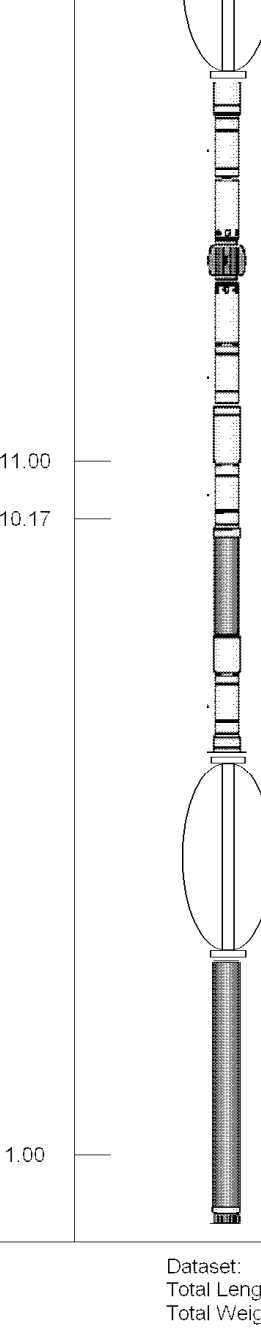
<<< Fold Here >>>

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

LOG CORRELATED TO HRI/CDN DATED 27-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 34-33_cbl.db: field/well/run1/pass1
Total Length: 21.08 ft
Total Weight: 160.00 lb
O.D. 1.69 in

J-W WIRELINE COMPANY

MAIN PASS

Database File: north platte 34-33_cbl.db
Dataset Pathname: pass2
Presentation Format: cblx
Dataset Creation: Tue Sep 27 13:32:27 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		

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		

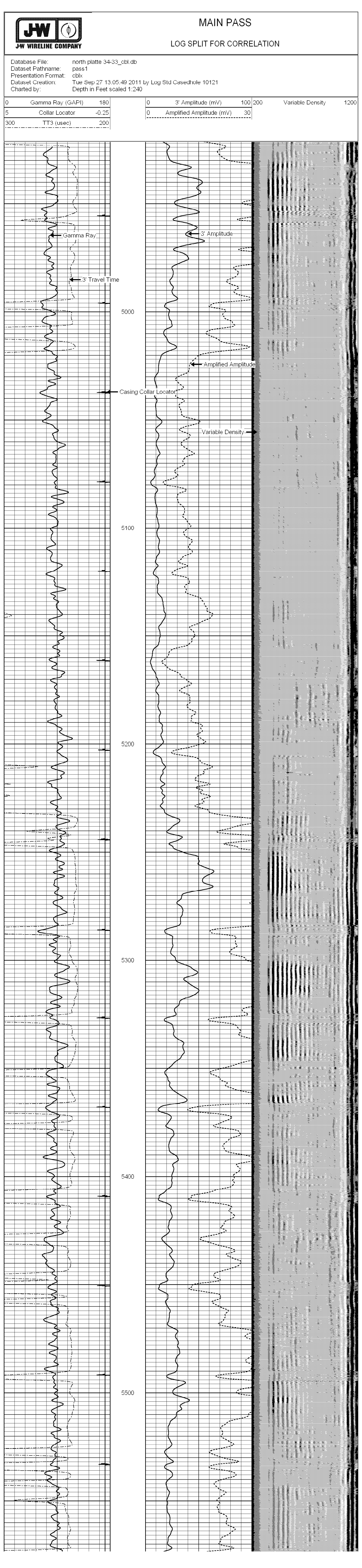
J-W WIRELINE COMPANY

MAIN PASS

LOG SPLIT FOR CORRELATION

Database File: north platte 34-33_cbl.db
Dataset Pathname: pass1
Presentation Format: cblx
Dataset Creation: Tue Sep 27 13:05:49 2011 by Log Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 180	0 3' Amplitude (mV) 100	200 Variable Density 1200
5 Collar Locator -0.25	0 Amplified Amplitude (mV) 30	
300 TT3 (usec) 200		



Calibration Report

Database File: north platte 34-33_cbl.db
Dataset Pathname: pass1
Dataset Creation: Tue Sep 27 13:05:49 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:	Tue Sep 27 12:51:12 2011	
Depth:	2304.6	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:	0.39	0.03	V
Reading in Free Pipe:	2.37732	2.31765	V
Gain:	39.3475	35.4932	
Offset:	-12.3455	-1.0648	