CEMENT BOND
GAMMA RAY
COLLAR CORRELATION LOG

J-W WIRELINE COMPANY

Company BONANZA CREEKENERGY INC.
Well ANTELOPE 12-17
Field WATTENBERG
County WELD
State COLORADO

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Well ANTELOPE 12-17
Field WATTENBERG
County WELD State COLORADO
API #: 05-123-33020-00
Location: SHL: 2046' FSL & 760' FWL NW/SW
BHL: 1975' FNL & 665' FWL SW/NW
SEC 17 TWP 5N RGE 62W
Other Services: PERF

Permanent Datum GROUND LEVEL Elevation 4673
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING
Elevation: K.B. 4685, D.F. 4684, G.L. 4673

Date	10-MAY-2011
Run Number	ONE
Depth Driller	6843
Depth Logger	6815
Bottom Logged Interval	6808
Top Log Interval	2600
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	--
Max. Recorded Temp.	NOT RECORDED
Estimated Cement Top	2850
Time Well Ready	--
Time Logger on Bottom	--
Equipment Number	2405/YELLOW
Location	BRIGHTON
Recorded By	HAYES
Witnessed By	BARB MARTIN

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8	23	SURFACE	433
Prot. String				
Production String	4.5	11.6#	SURFACE	6836
Liner				

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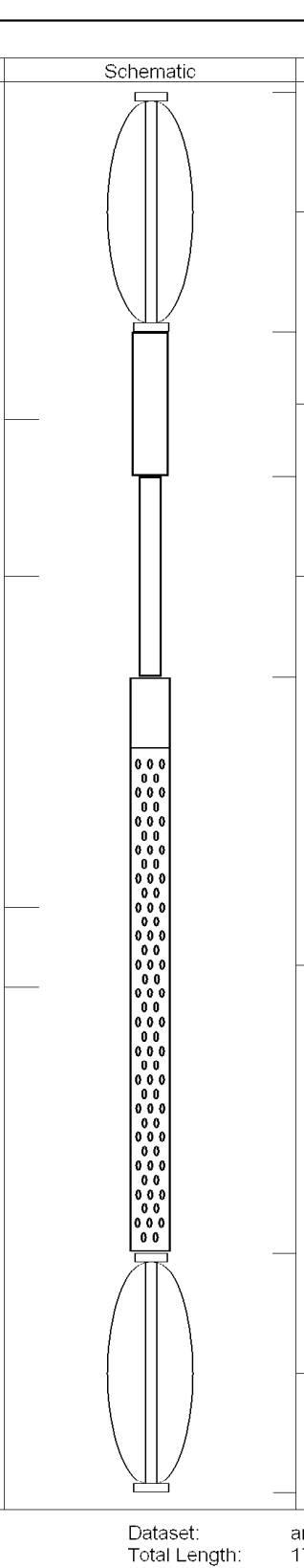
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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, CD, CN LOG
DATED 01-MAY-2011

LOG SPLIT FOR CORRELATION PURPOSES



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		CENT-A (1)	3.00	1.69	10.00
CCL	13.46	CCL-TEKCO (TEK101)	1.81	2.75	10.00
GR	11.49	GR-s_t001 (t001)	2.52	1.69	30.00
WVF5	7.34	CBL-3_5 (001)	7.23	2.44	127.00
WVF3	6.34				
		CENT-B (2)	3.00	1.69	10.00

Dataset: antlope 12-17.db: field/well/run1/pass2
Total Length: 17.56 ft
Total Weight: 187.00 lb
O.D. 2.75 in

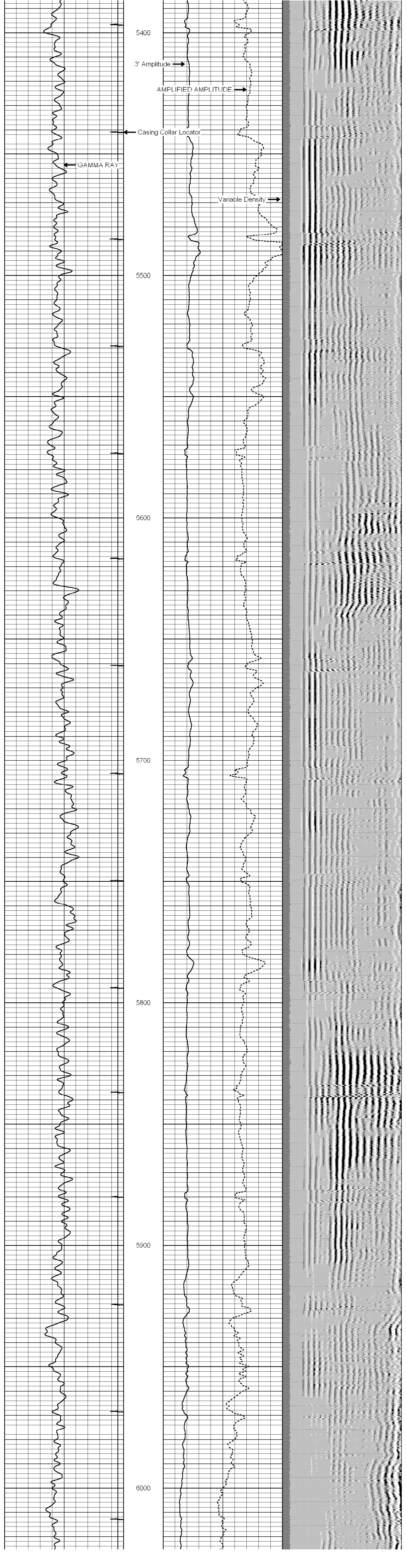
Database File: antlope 12-17.db
Dataset Pathname: pass2
Presentation Format: cblx
Dataset Creation: Tue May 10 14:30:37 2011 by Log Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

30 GAMMA RAY (GAPI) 130	0 AMPLITUDE (mV) 100	200 Variable Density 1200
5 CCL -0.25	0 AMPLIFIED AMPLITUDE (mV) 30	
300 TT3 (usec) 200		

30 GAMMA RAY (GAPI) 130	0 AMPLITUDE (mV) 100	200 Variable Density 1200
5 CCL -0.25	0 AMPLIFIED AMPLITUDE (mV) 30	
300 TT3 (usec) 200		

Database File: antlope 12-17.db
Dataset Pathname: pass1
Presentation Format: cblx
Dataset Creation: Tue May 10 14:10:10 2011 by Log Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 200	0 AMPLITUDE (mV) 100	200 Variable Density 1200
5 CCL -0.25	0 AMPLIFIED AMPLITUDE (mV) 30	
300 TT3 (usec) 200		



Calibration Report

Database File:	antlope 12-17.db
Dataset Pathname:	pass2
Dataset Creation:	Tue May 10 14:30:37 2011 by Log Std Casedhole 10121

Cement Bond Log Calibration Report

Serial Number:	001		
Tool Model:	3_5		
Performed:	Tue May 10 13:59:19 2011		
Depth:	2241.06	ft	
Casing Diameter:	4.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	3	3	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	0	0	V
Reading in Free Pipe:	2.5	2.04856	V
Gain:	31.2784	38.1713	
Offset:	3	3	

Gamma Ray Calibration Report

Serial Number:	t001	
Tool Model:	s_t001	
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