J-W WIRELINE COMPANY

CEMENT BOND
GAMMA RAY
COLLAR CORRELATION LOG

Company BONANZA CREEK OPERATING CO. LLC
Well GUTTERSEN RANCH 34-9
Field WATTENBERG
County WELD
State COLORADO

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Location: API #: 05-123-25660-00
790' FSL & 2033' FEL
SW/SE
SEC 9 TWP 4N RGE 63W

Other Services
NONE

Permanent Datum GROUND LEVEL Elevation 4757
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4769
D.F. 4768
G.L. 4757

Date	28-JUL-2008
Run Number	ONE
Depth Driller	6859
Depth Logger	6779
Bottom Logged Interval	6778
Top Log Interval	2902
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	---
Max. Recorded Temp.	224 F
Estimated Cement Top	3067 & 5886
Time Well Ready	---
Time Logger on Bottom	---
Equipment Number	2337/20/CR29
Location	BRIGHTON
Recorded By	JACKSON
Witnessed By	MR. KURT DODGE

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 CDN/DIL DATED 21-JUL-2008

Database File: guttersen34-9cbl.db
Dataset Pathname: pass2
Presentation Format: scbl_dr
Dataset Creation: Mon Jul 28 08:46:52 2008 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

2	Collar Locator	0.25	0	Amplified Amplitude (mV)	30	200	Variable Density	1200
30	Gamma Ray (GAPI)	130	0	3' Amplitude (mV)	100			

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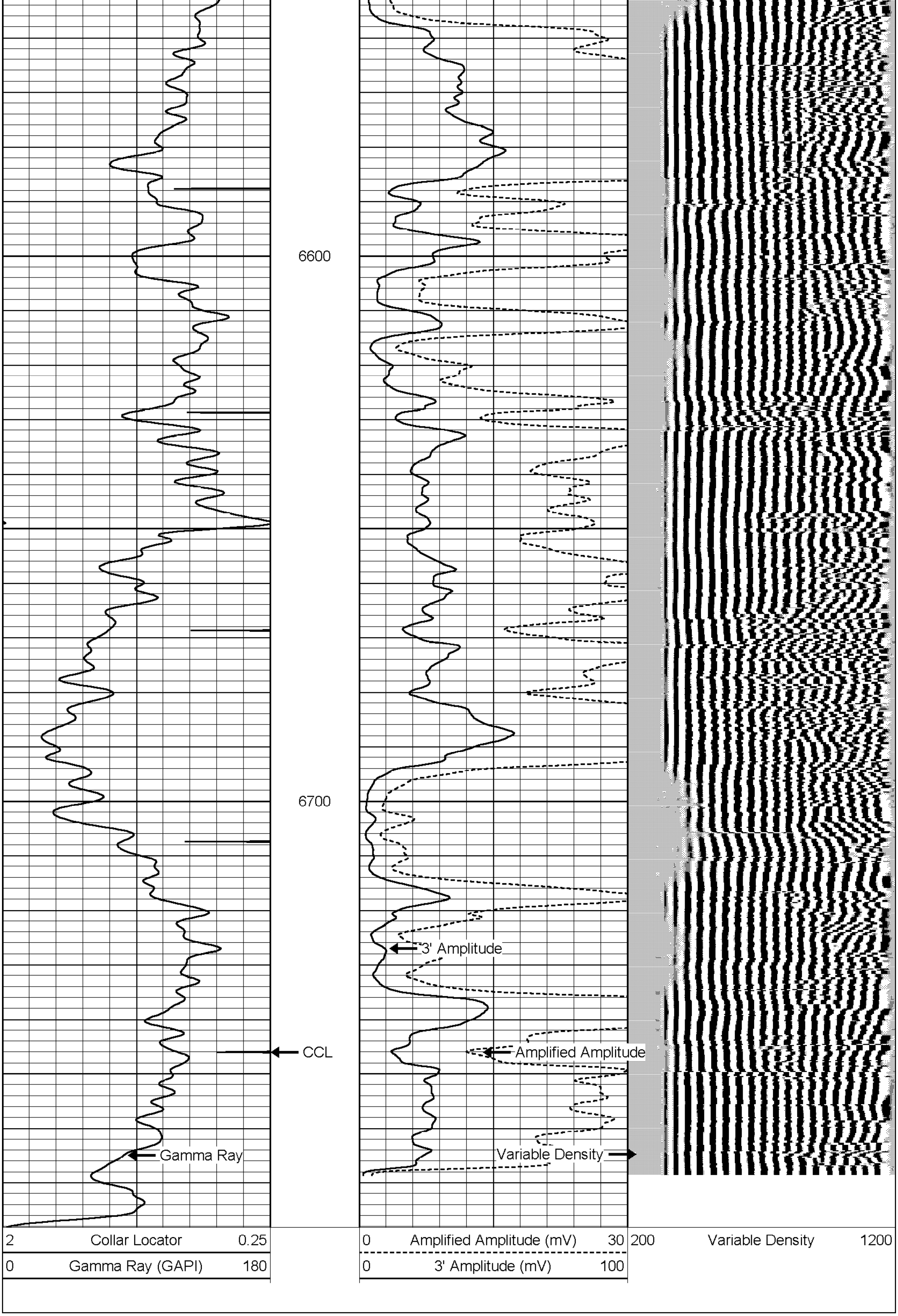
30	Gamma Ray (GAPI)	130	0	3' Amplitude (mV)	100			

Database File: guttersen34-9cbl.db
Dataset Pathname: pass1
Presentation Format: scbl_dr
Dataset Creation: Mon Jul 28 08:20:12 2008 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

2	Collar Locator	0.25	0	Amplified Amplitude (mV)	30	200	Variable Density	1200
0	Gamma Ray (GAPI)	180	0	3' Amplitude (mV)	100			


6600
6700
3' Amplitude
CCL
Amplified Amplitude
Gamma Ray
Variable Density
2
Collar Locator
0.25
0
Gamma Ray (GAPI)
180
0
Amplified Amplitude (mV)
30
0
3' Amplitude (mV)
100
200
Variable Density
1200