Perf-Tech
Wireline Services

DUAL RECEIVER CEMENT BOND LOG

Company AMERICAN WARRIOR, INC.
Well KUEHN #9-1
Field DEWALD NORTH
County NESS State KANSAS
Location: API # : 15-135-25608-0000
840' FSL & 2445' FEL
SEC 1 TWP 19S RGE 22W

Other Services

Permanent Datum GROUND LEVEL Elevation 2185
Log Measured From KELLY BUSHING 6' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2191
D.F.
G.L. 2185

Company AMERICAN WARRIOR, INC.
Well KUEHN #9-1
Field DEWALD NORTH
County NESS
State KANSAS

Date	JULY 3, 2013
Run Number	ONE
Depth Driller	4302
Depth Logger	4301
Bottom Logged Interval	4300
Top Log Interval	3200
Open Hole Size	///
Type Fluid	WATER
Density / Viscosity	///
Max. Recorded Temp.	117F
Estimated Cement Top	3295
Time Well Ready	///
Time Logger on Bottom	///
Equipment Number	PT-06
Location	HAYS
Recorded By	BOB KLAUS
Witnessed By	MR. SCOTT CORSAIR

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12.25	00	216				
TWO	7.875	216	4302				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8		00	216
Prot. String				
Production String	5 1/2		00	4301
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

THANK YOU FOR USING
PERF-TECH WIRELINE SERVICES, INC.
785-628-3969

DIRECTIONS: BAZINE, KS.
1 1/2 SOUTH, 1 WEST,
NORTHEAST into

Perf-Tech
Wireline Services

MAIN PASS

Database File: july31306.db
Dataset Pathname: pass3
Presentation Format: 3x5
Dataset Creation: Wed Jul 03 09:41:53 2013 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

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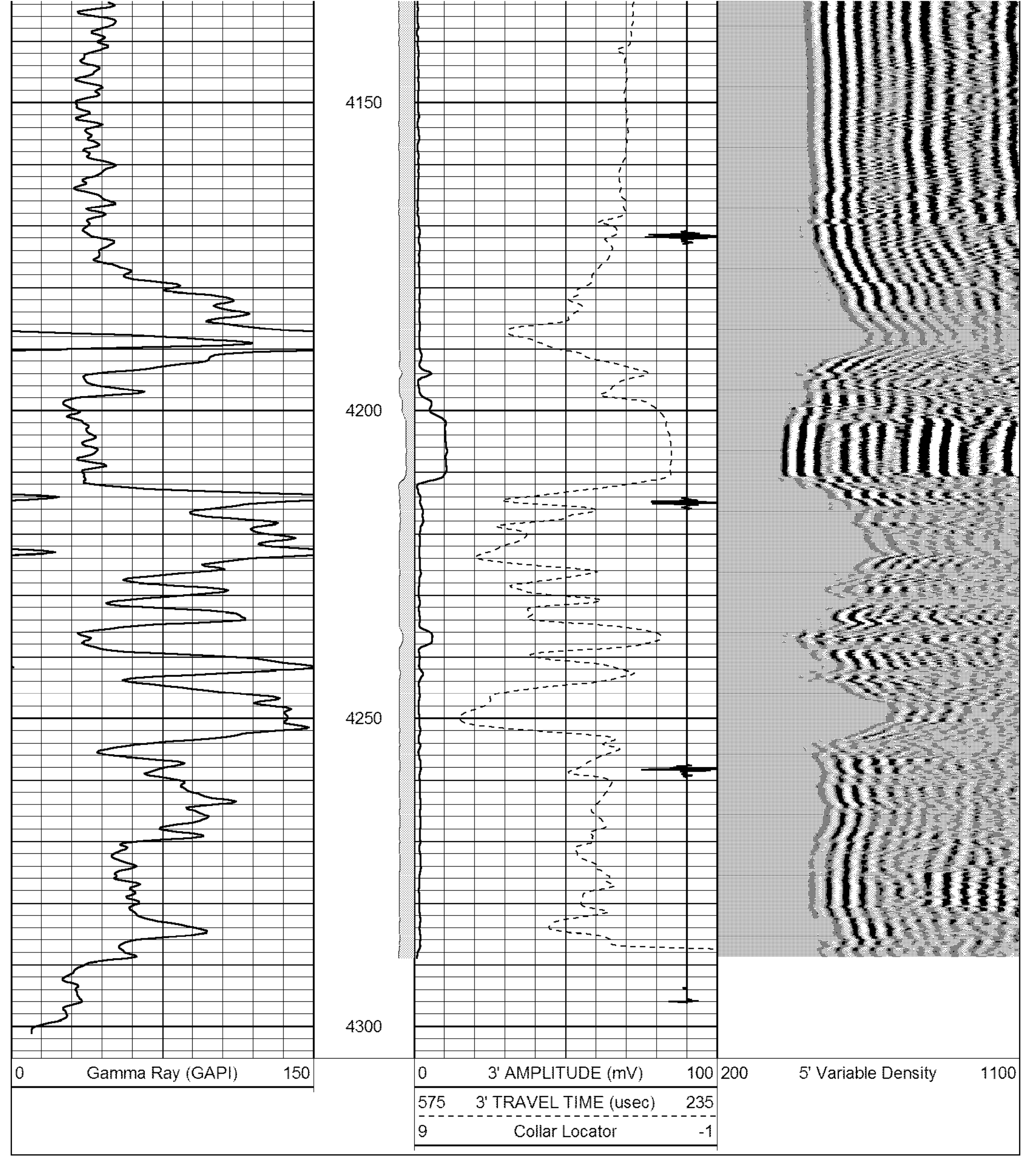
REPEAT SECTION

Database File: july31306.db
Dataset Pathname: pass2
Presentation Format: 3x5
Dataset Creation: Wed Jul 03 09:37:52 2013 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240