CASEDHOLE SOLUTIONS

CEMENT BOND LOG

Company WINDSOR ENERGY GROUP, LLC
Well CSF 14-08-07-91
Field MAMM CREEK
County GARFIELD
State COLORADO

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Well CSF 14-08-07-91
Field MAMM CREEK
County GARFIELD State COLORADO

Location: API #: 05045124700
SURFACE: 0151' FSL, 2093' FWL
BOTTOM: 0658' FSL, 0659' FWL
SEC 08 TWP 07S RGE 91W

Other Services

Permanent Datum GROUND LEVEL Elevation 6922.5'
Log Measured From KELLY BUSHING = 18'
Drilling Measured From KELLY BUSHING

Elevation
K.B. 6940.5'
D.F. 6939.5'
G.L. 6922.5'

Date	10-24-06
Run Number	ONE
Depth Driller	6880'
Depth Logger	6702'
Bottom Logged Interval	6695'
Top Log Interval	100'
Open Hole Size	7.875"
Type Fluid	
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	
Time Well Ready	10:00 A.M.
Time Logger on Bottom	10:45 A.M.
Equipment Number	112
Location	VERNAL, UT
Recorded By	D. MECHAM
Witnessed By	J. DSCHAACK

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625"		SURFACE	1514'
Prot. String				
Production String	4.5"		SURFACE	T.D.
Liner				

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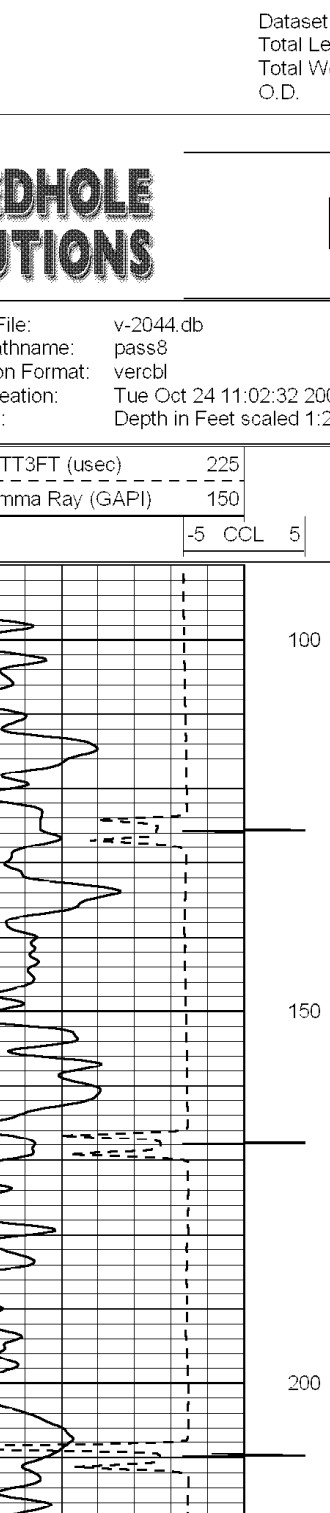
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

CORRELATED TO HALLIBURTON
SPECTRAL DENSITY
DUAL SPACED NEUTRON LOG



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
CCL	0.00	CCL-CCLTEK275 (CCLTEK275.01) 2 3/4" TEKCO LOGGING COLLAR LOCATOR	1.83	2.75	20.00
CENT	-0.67	CENTTEK1.1 1 3/4" APPLIED CENTRALIZER	2.90	1.75	10.00
CBLTEKCO	-3.56				
TEMP	-6.21				
WVFCAL	-7.65	CBLTEKCO-TEKTP (TEK35_TP275.02) Tekco 2 3/4" Dual Receiver with Temp	9.08	2.75	80.00
WVF3FT	-8.40				
WVF5FT	-9.40				
WVFTEMP	-12.65				
WVFSYNC	-12.65				
CENT	-12.65	CENTTEK1.3 1 3/4" APPLIED CENTRALIZER	2.90	1.75	10.00
GR	-17.65	GR-GRGTEK2.75 (GRGTEK275.01) 2 3/4" TEKCO GIEGER LOGGING GAMMA RAY	3.40	2.75	25.00

Dataset: v-2044.db: field/well/run1/pass8
Total Length: 20.10 ft
Total Weight: 145.00 lb
O.D. 2.75 in

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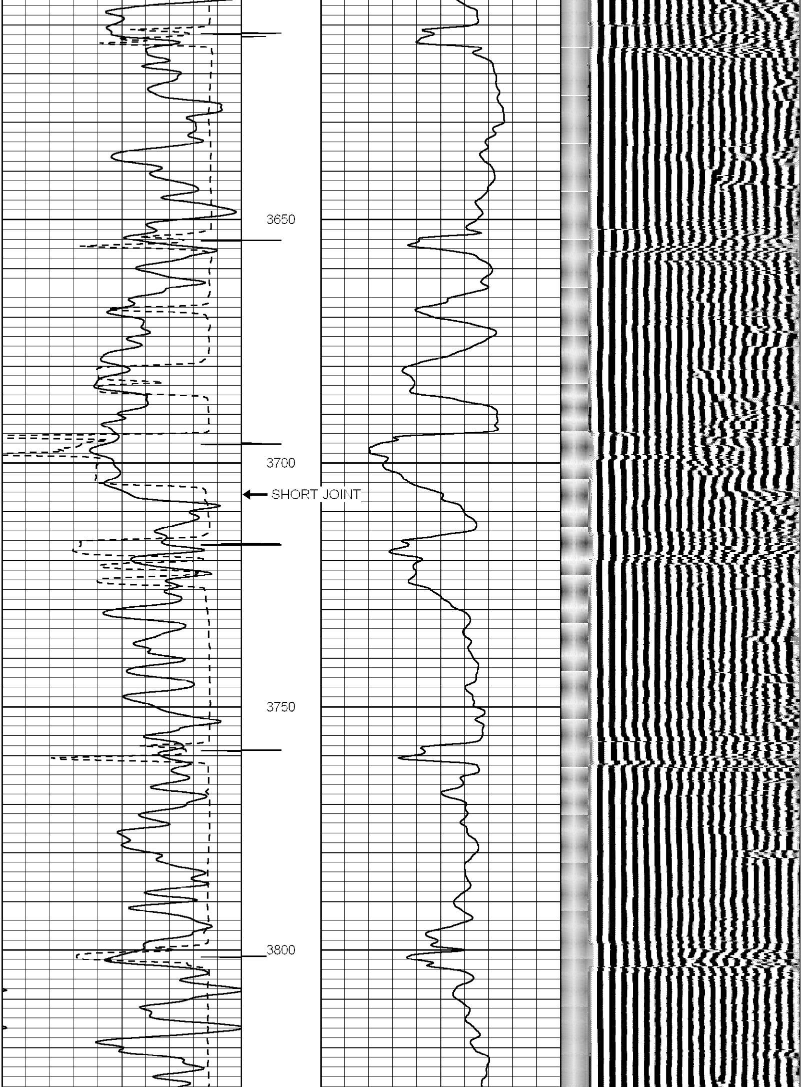
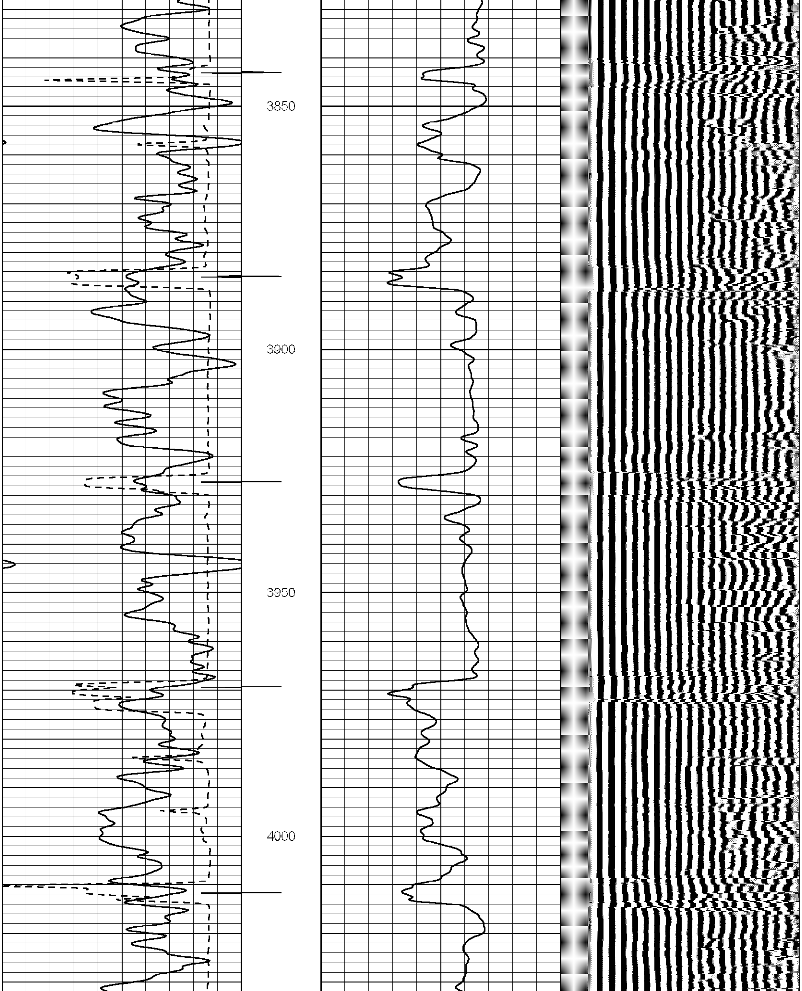
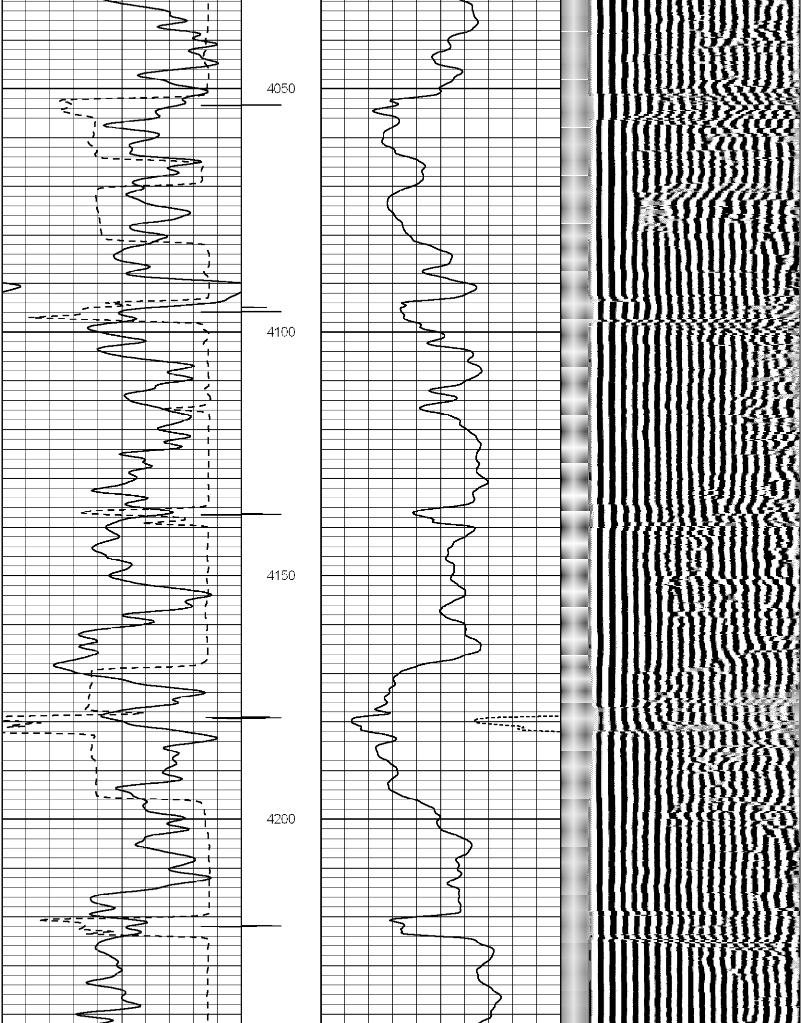
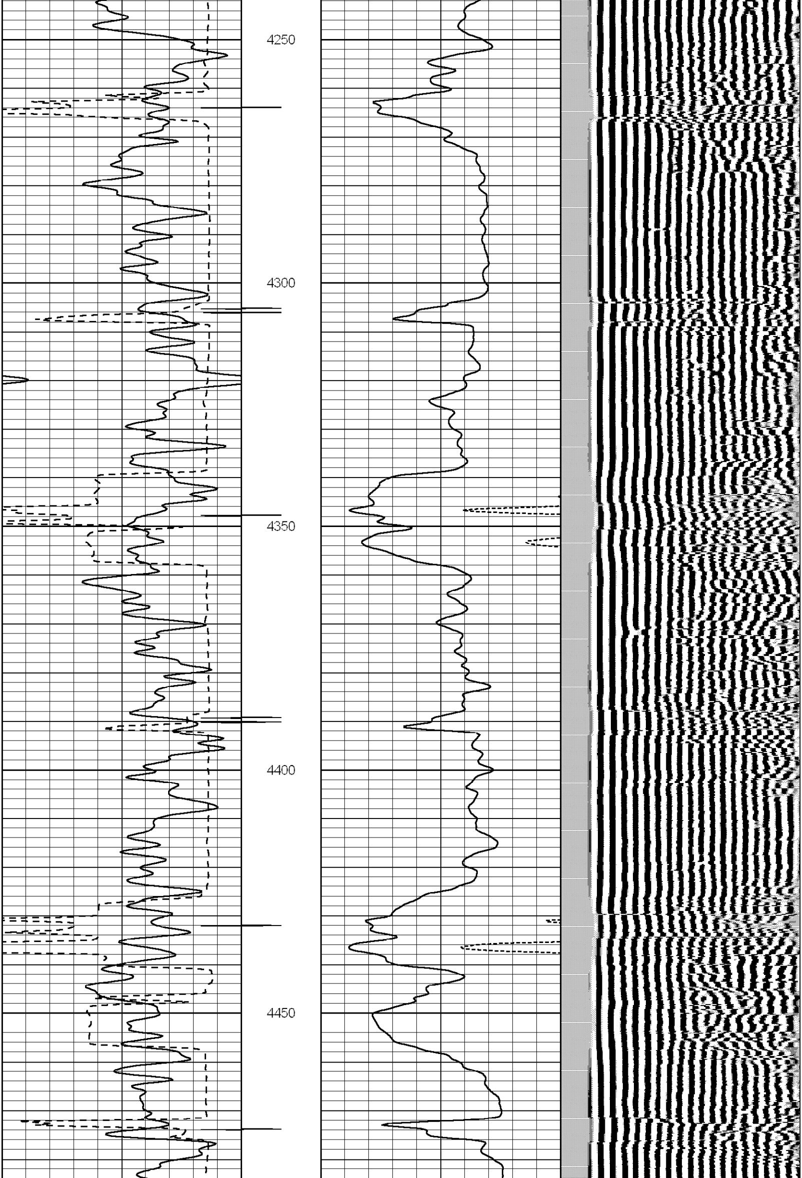
MAIN PASS "0" P.S.I.

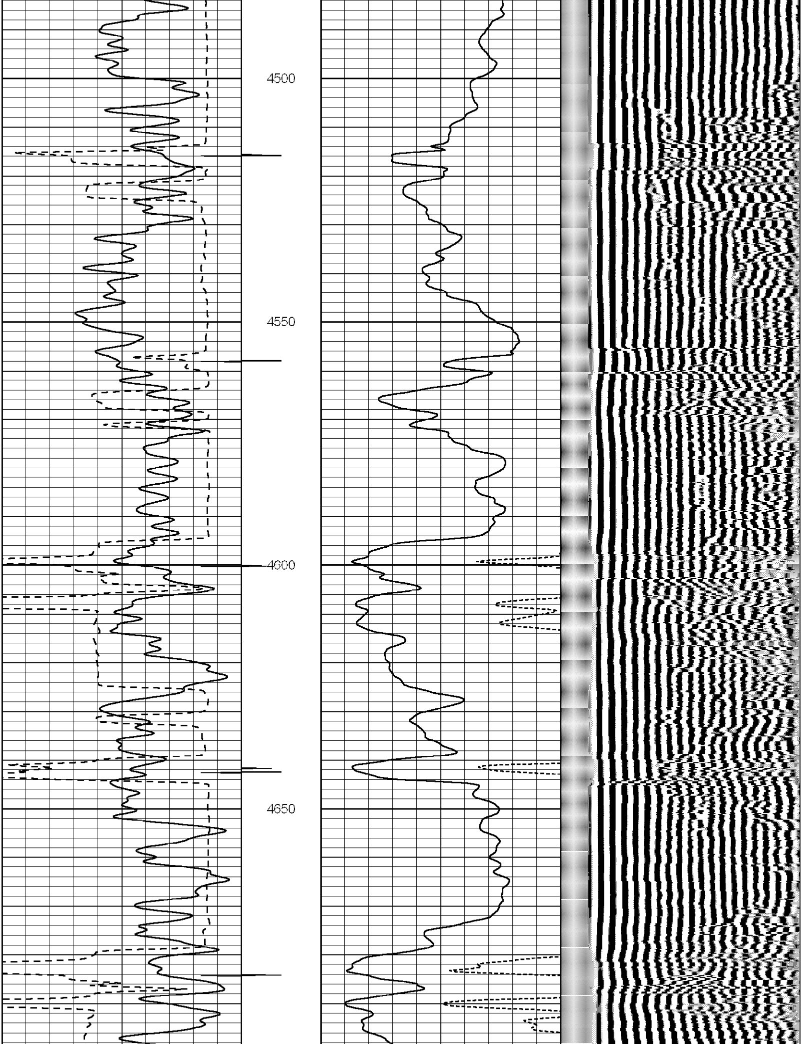
Database File: v-2044.db
Dataset Pathname: pass8
Presentation Format: vercbl
Dataset Creation: Tue Oct 24 11:02:32 2006 by Log Std Casedhole 06040
Charted by: Depth in Feet scaled 1:240

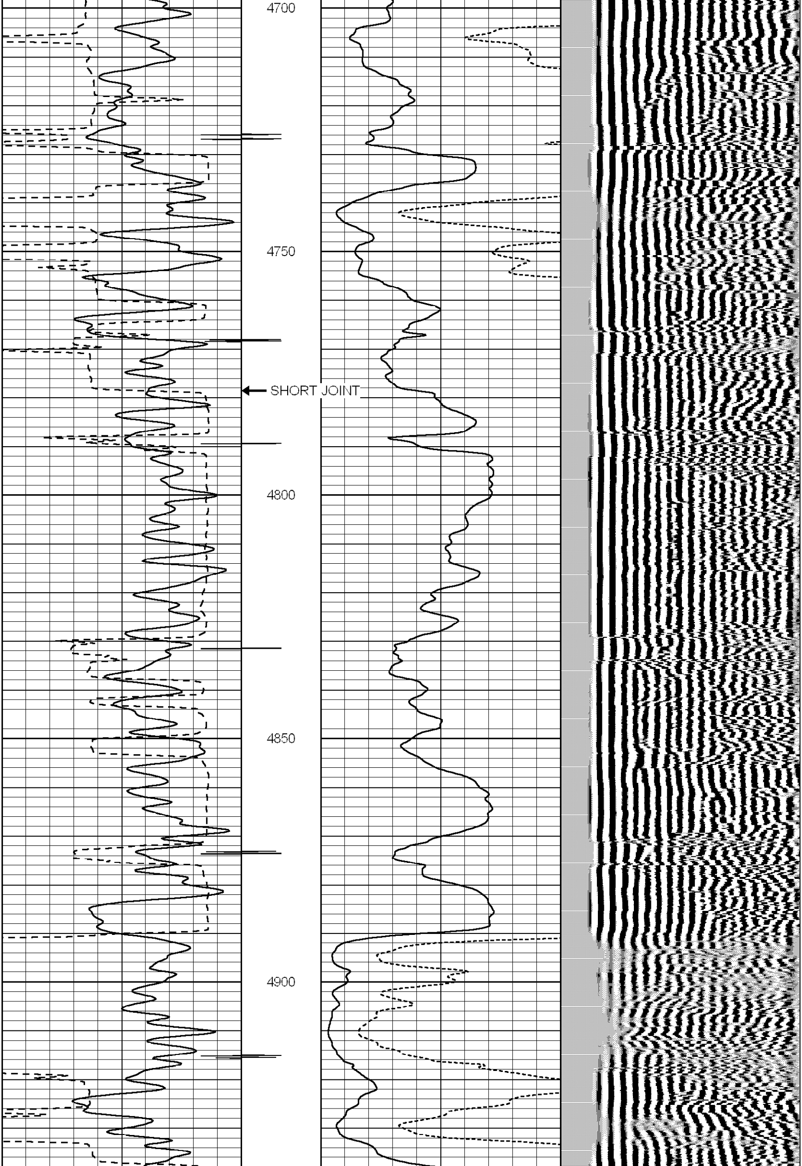


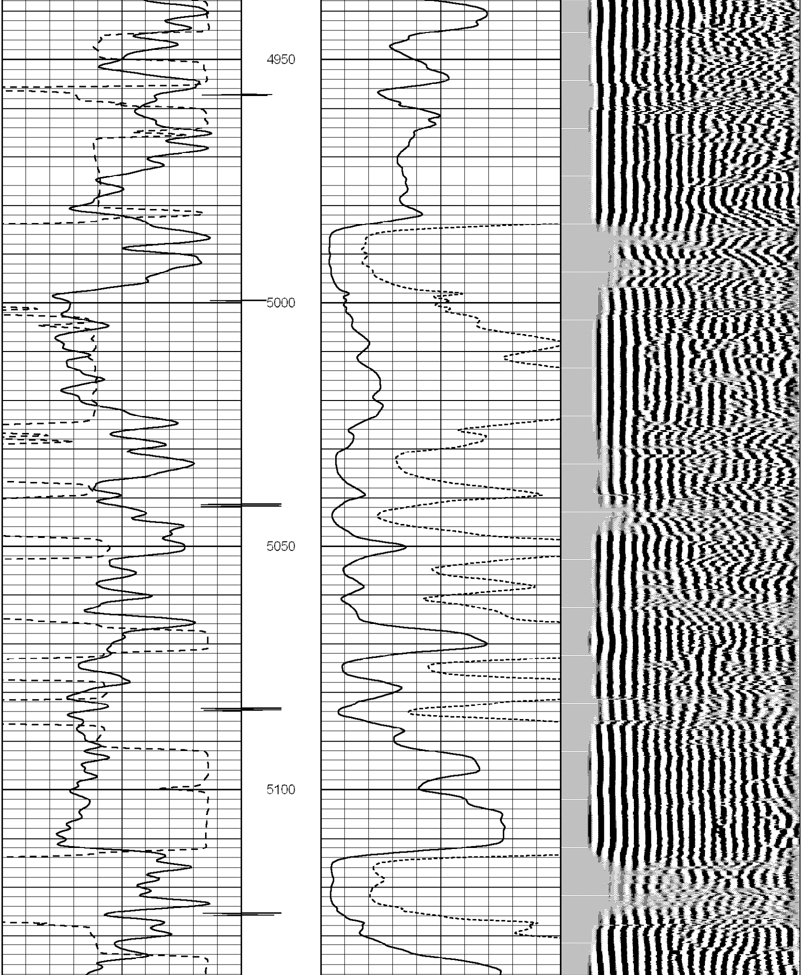


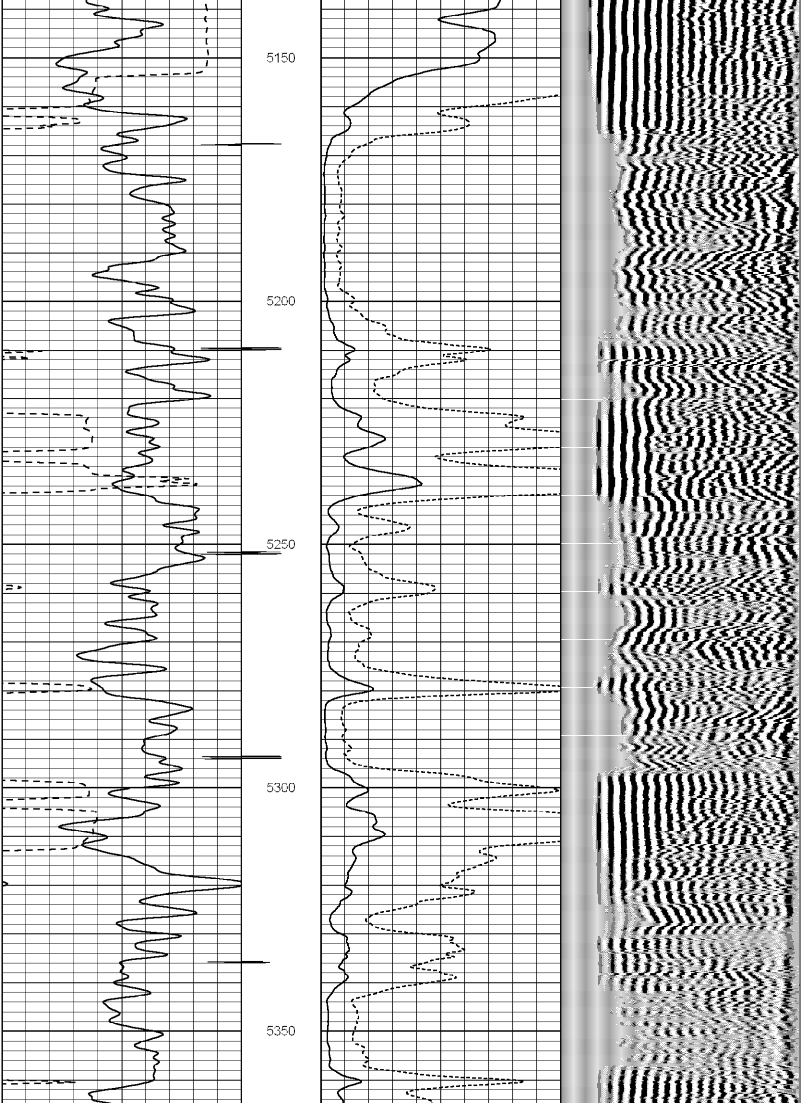


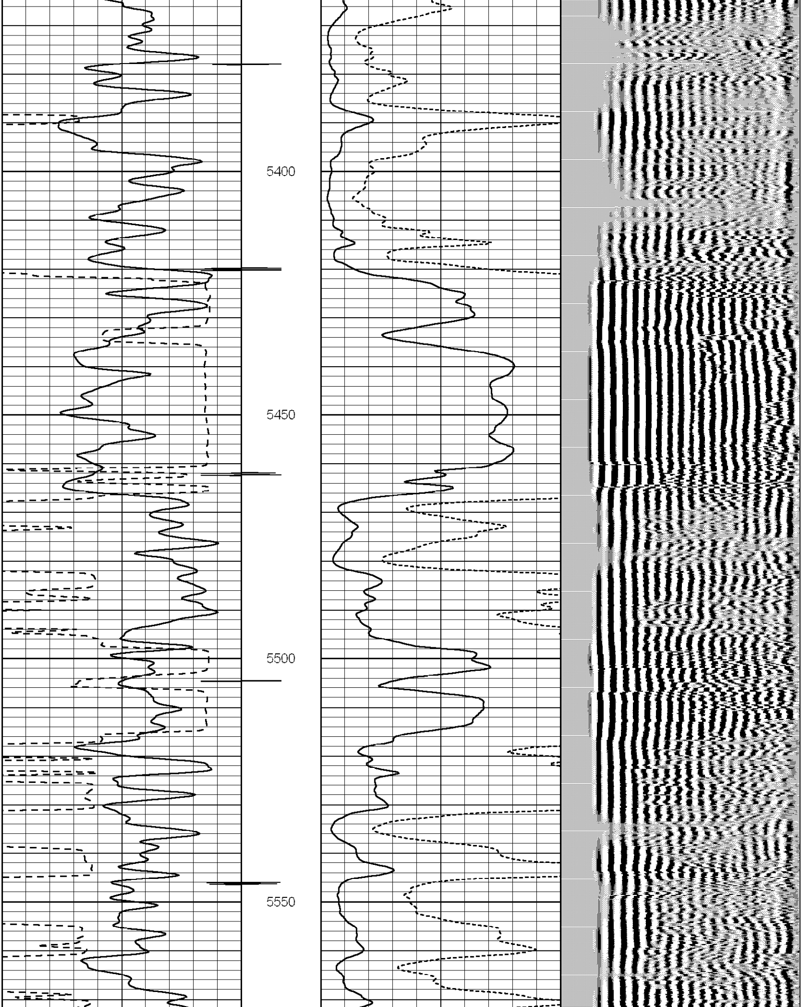


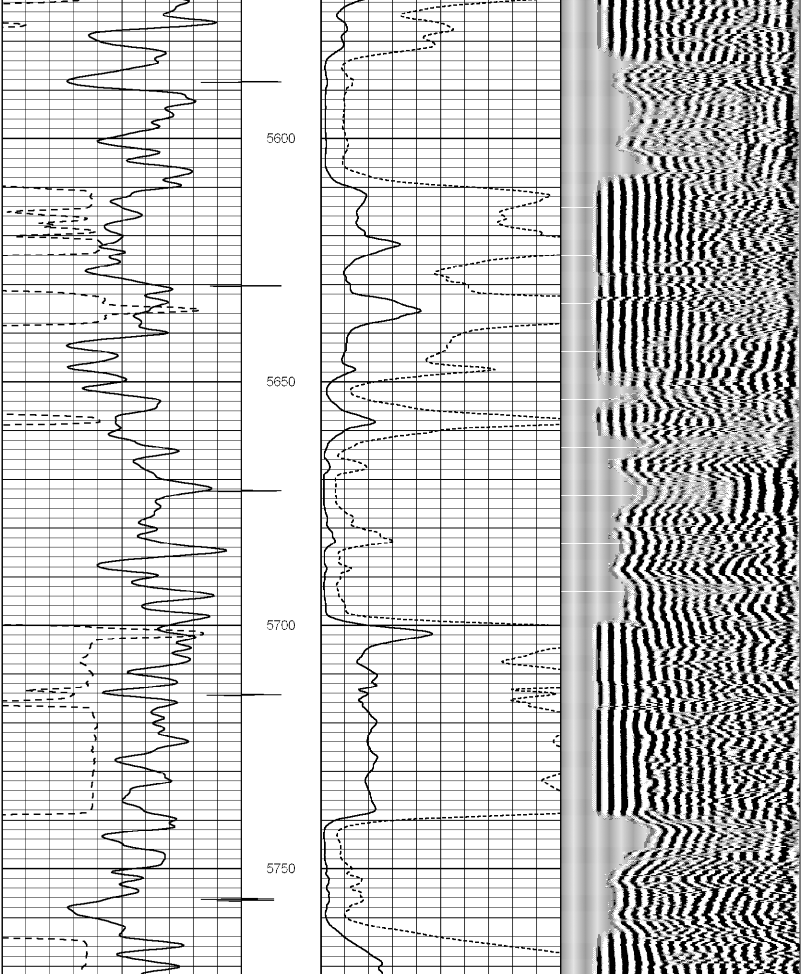


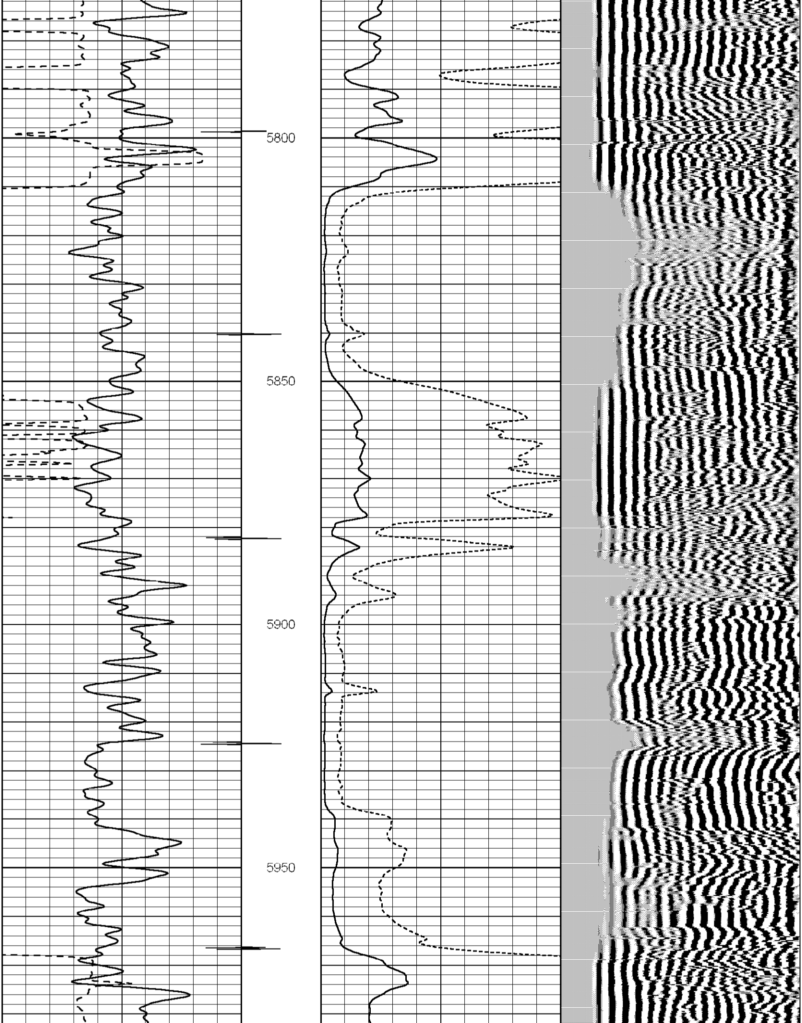


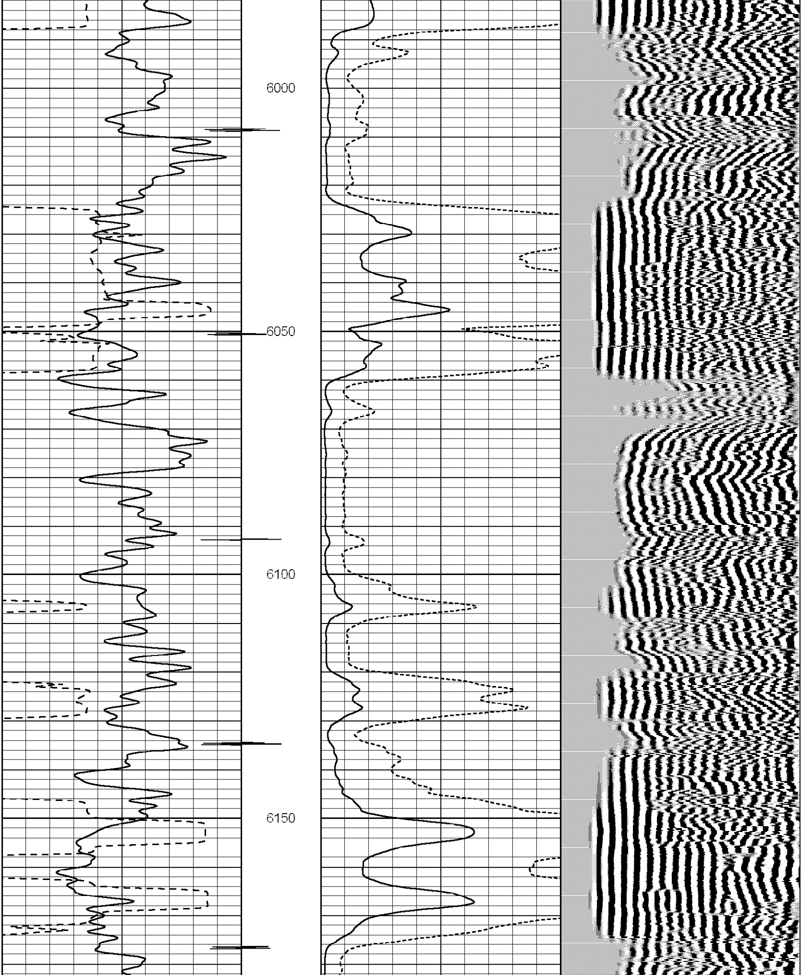


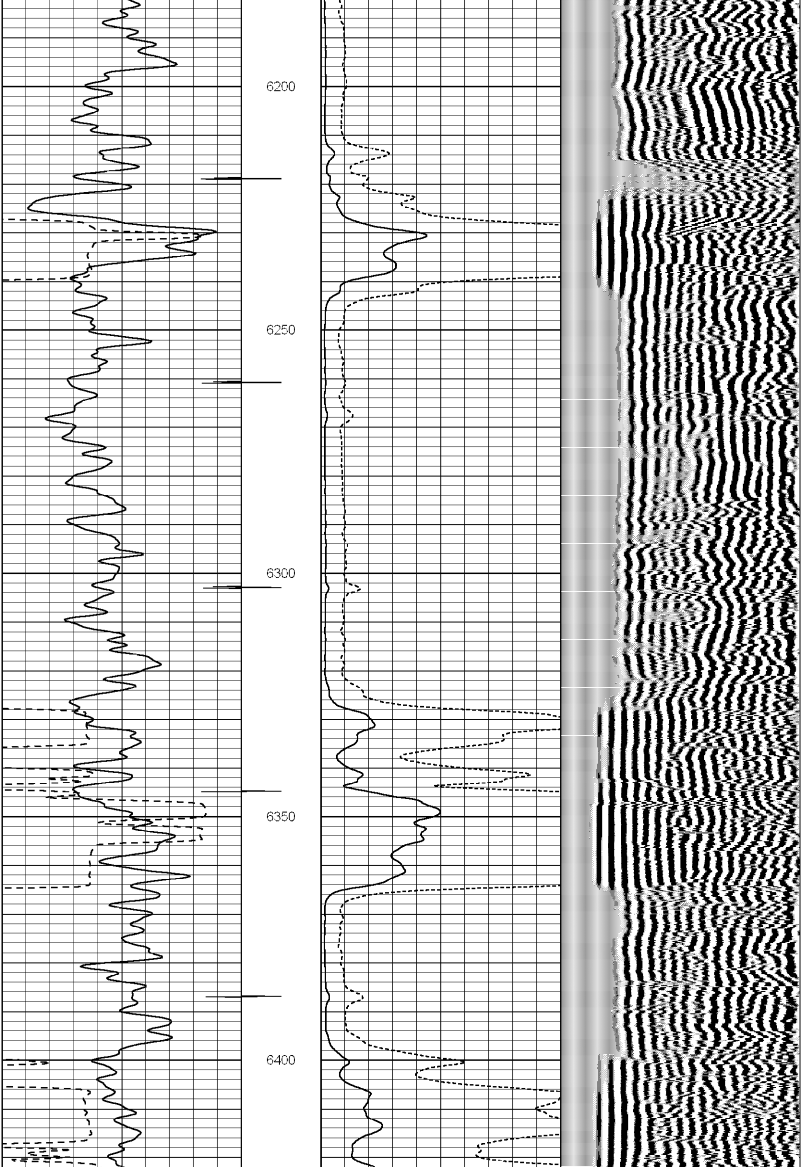


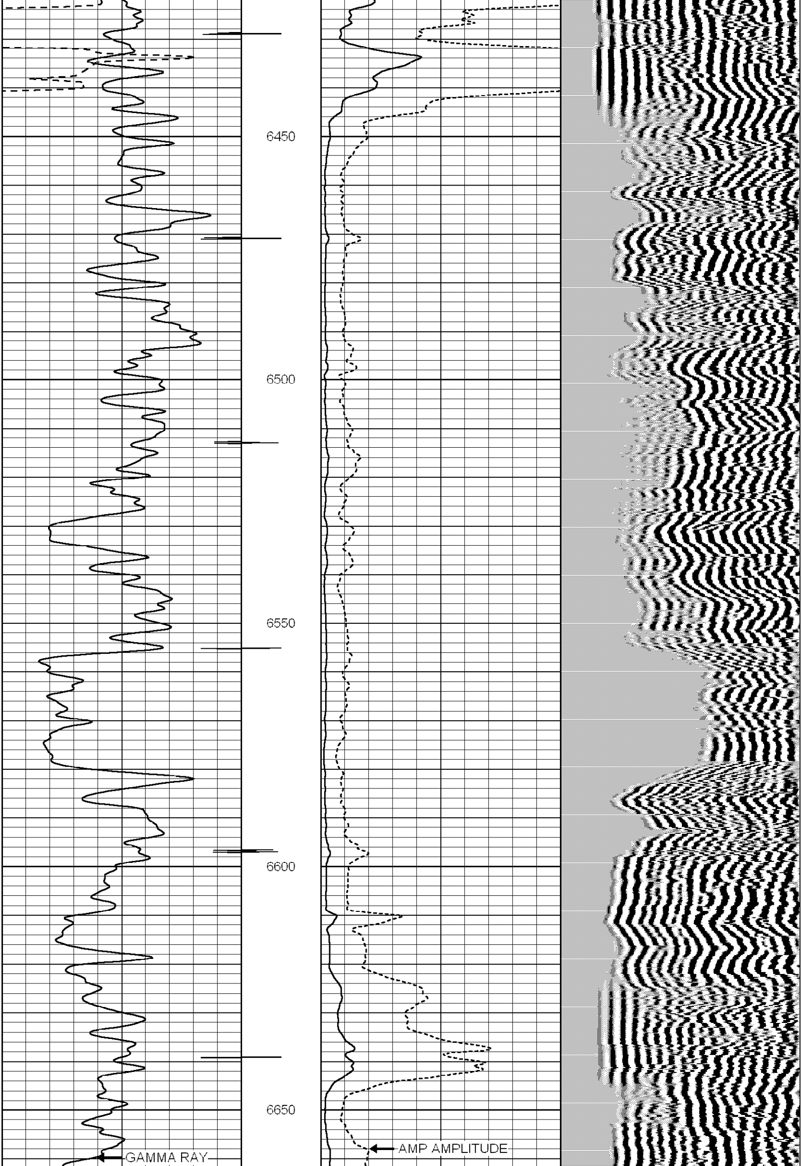


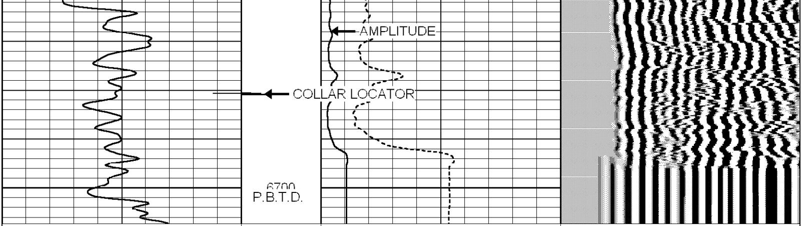












325 TT3FT (usec) 225
0 Gamma Ray (GAPI) 150
-5 CCL 5
0 Amp Amplitude (mV) 20
0 Amplitude 3ft (mV) 100
200 Variable Density 1200

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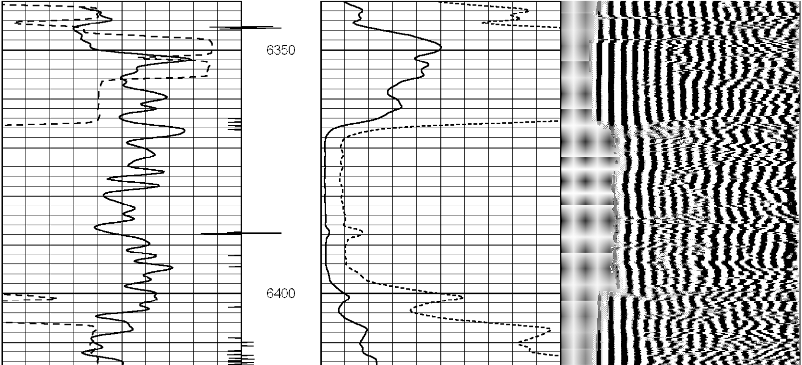
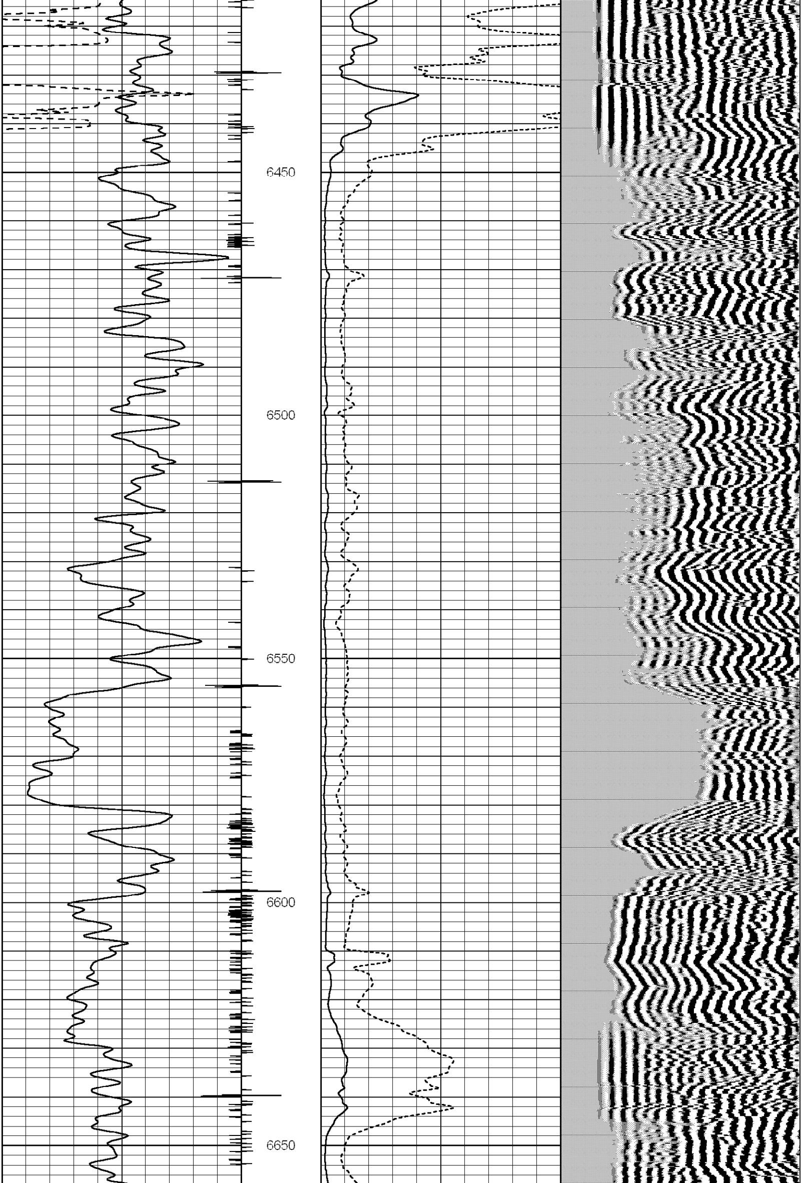
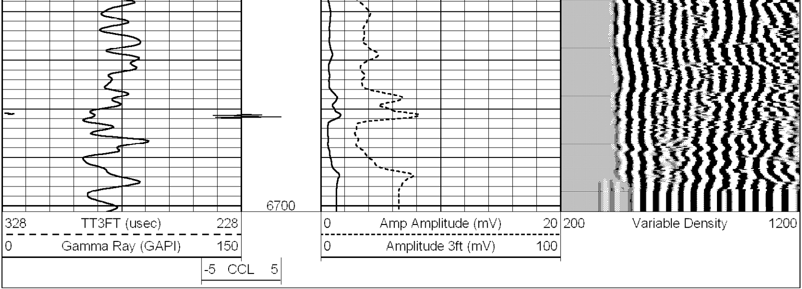
REPEAT PASS "0" P.S.I.

Database File:	v-2044.db
Dataset Pathname:	pass7
Presentation Format:	vercbl
Dataset Creation:	Tue Oct 24 10:48:53 2006 by Log Std Casedhole 06040
Charted by:	Depth in Feet scaled 1:240

328 TT3FT (usec) 228
0 Gamma Ray (GAPI) 150
-5 CCL 5
0 Amp Amplitude (mV) 20
0 Amplitude 3ft (mV) 100
200 Variable Density 1200