YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

BOREHOLE COMPENSATED SONIC with VDL & LOG DERIVED TDS LOG

Company	PALM BEACH COUNTY
Well	IW #1
Field	LAKE REGION
County	PALM BEACH
State	FLORIDA

Company	PALM BEACH COUNTY WATER UTIL.		
Well	DEEP INJECTION WELL #1		
Field	LAKE REGION		
County	PALM BEACH	State	FLORIDA

Location	Other Services SEE COMMENTS

			Elevation
Permanent Datum	PAD	Elevation	K.B.
Log Measured From	PAD		D.F.
Drilling Measured From	PAD		G.L.

Date	19-FEB-2006		
Run Number	FOUR		
Depth Driller	1915'		
Depth Logger	1915'		
Bottom Logged Interval	1915'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	ON ARRIVAL		
Time Logger on Bottom	1630		
Equipment Number	103		
Location	FT.MYERS		
Recorded By	CATHEY		
Witnessed By	D. SAYWACK		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	58.5"	SURFACE	192'				
TWO	46"	SURFACE	847'				
THREE	12.25"	CASING	1915'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	48"	.375 W.T.	SURFACE	188'
Prot. String	36"	.375 W.T	SURFACE	846'
Production String				
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

OTHER SERVICES:

X-Y CALIPER GAMMA RAY
DUAL INDUCTION
BOREHOLE TELEVIEWER
FLOWMETER
FLUID CONDUCTIVITY / TEMPERATURE

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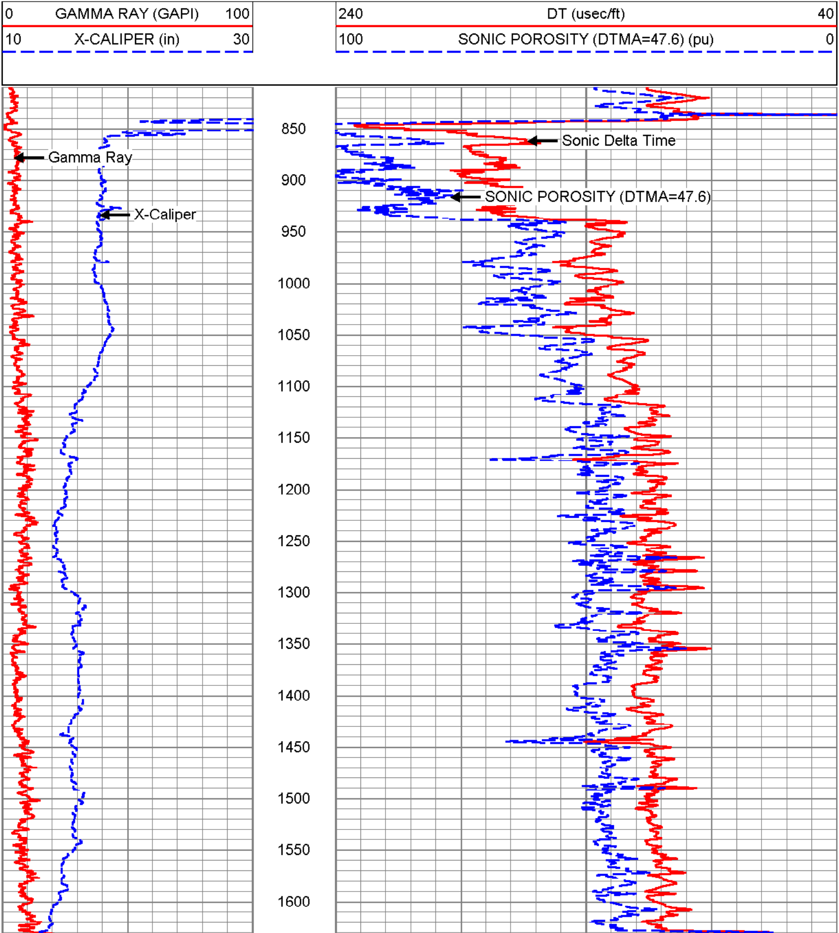
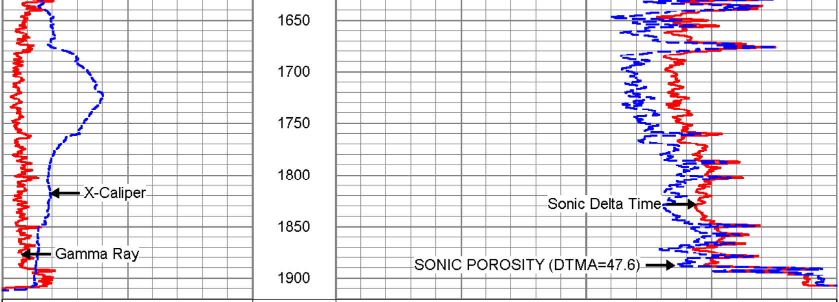
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	belleiw1.db
Dataset Pathname:	run4/pass7
Presentation Format:	SON_POR
Dataset Creation:	Sun Feb 19 18:53:41 2006 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:1200





0 GAMMA RAY (GAPI) 100

10 X-CALIPER (in) 30

240 DT (usec/ft) 40

100 SONIC POROSITY (DTMA=47.6) (pu) 0

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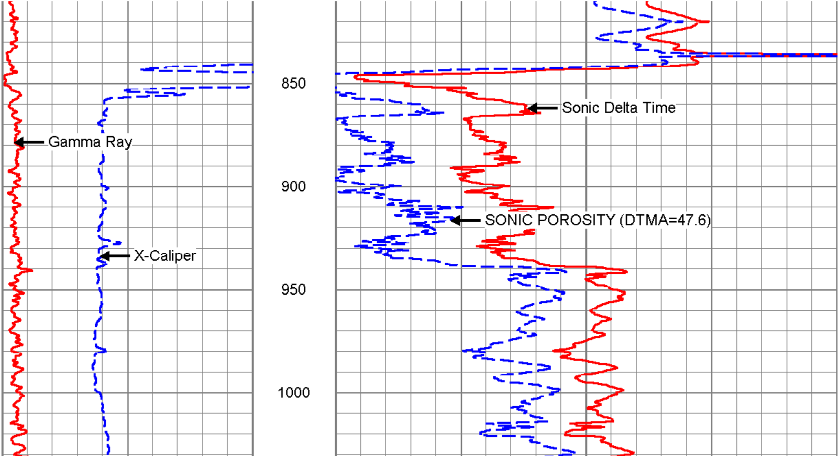
Presentation Format:	SON_POR
Dataset Creation:	Sun Feb 19 18:53:41 2006 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:600

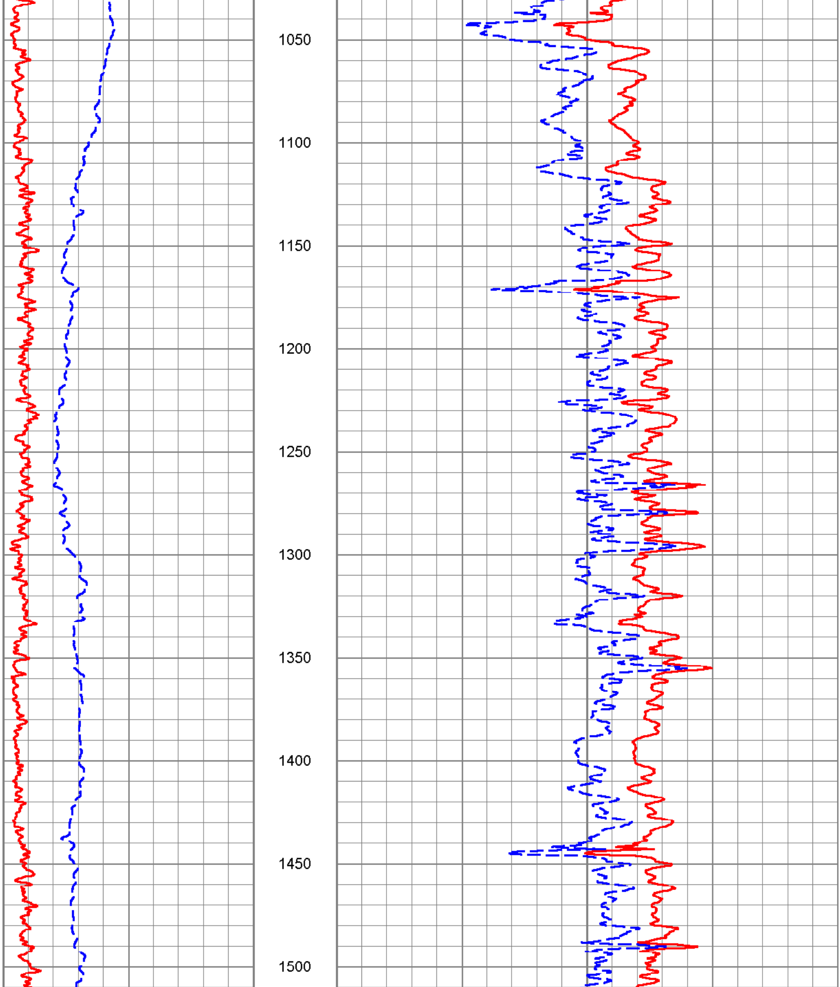
0 GAMMA RAY (GAPI) 100

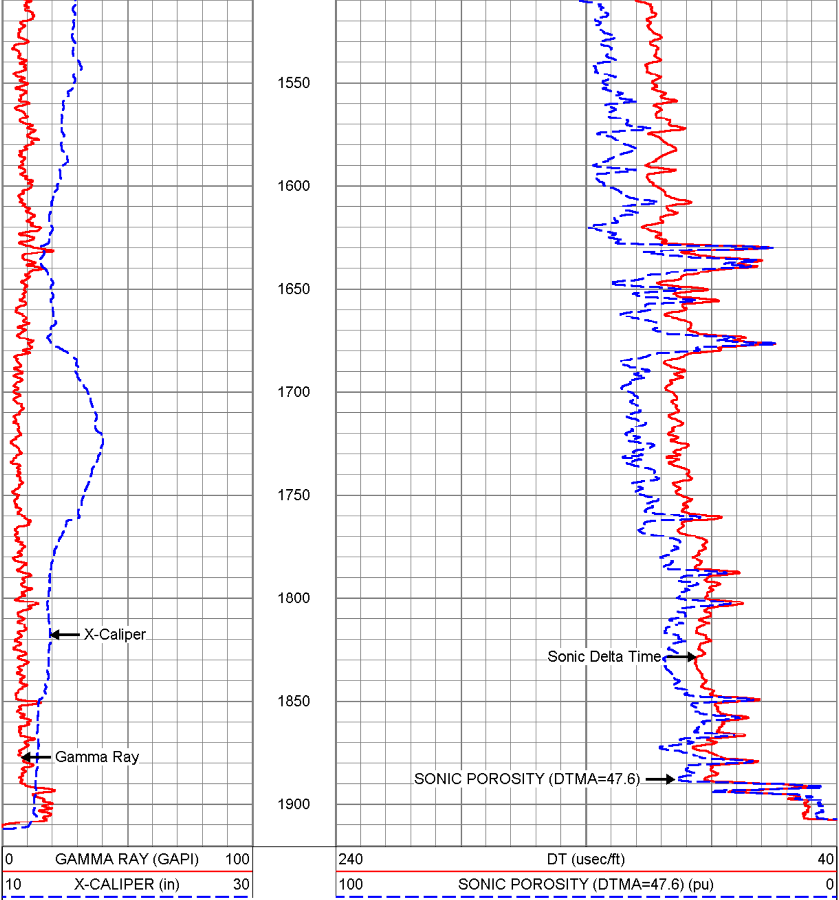
10 X-CALIPER (in) 30

240 DT (usec/ft) 40

100 SONIC POROSITY (DTMA=47.6) (pu) 0







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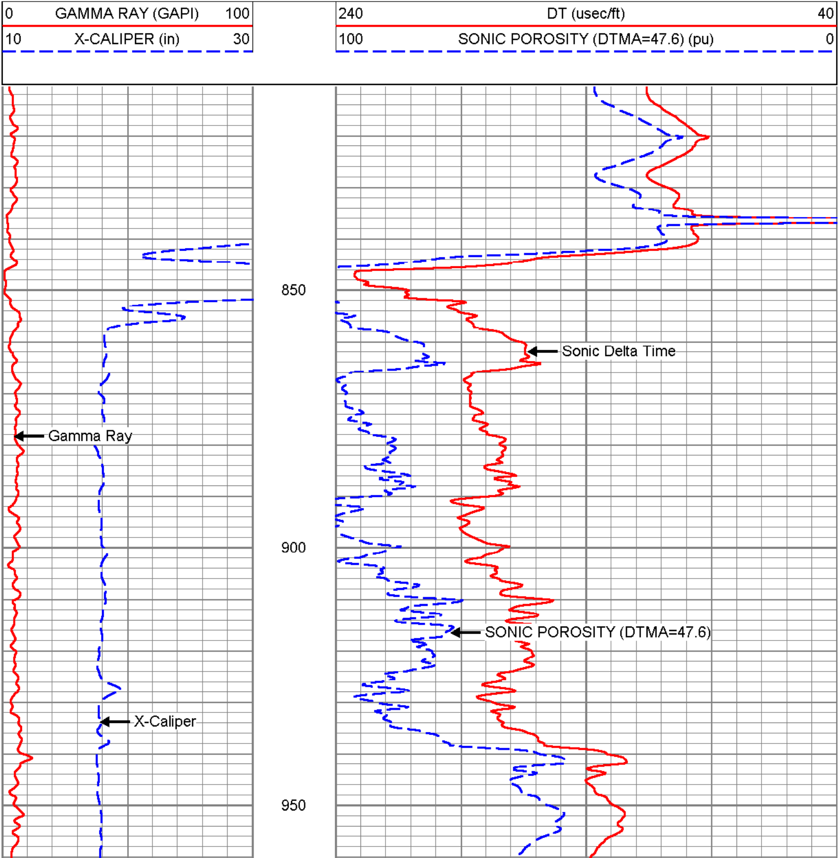
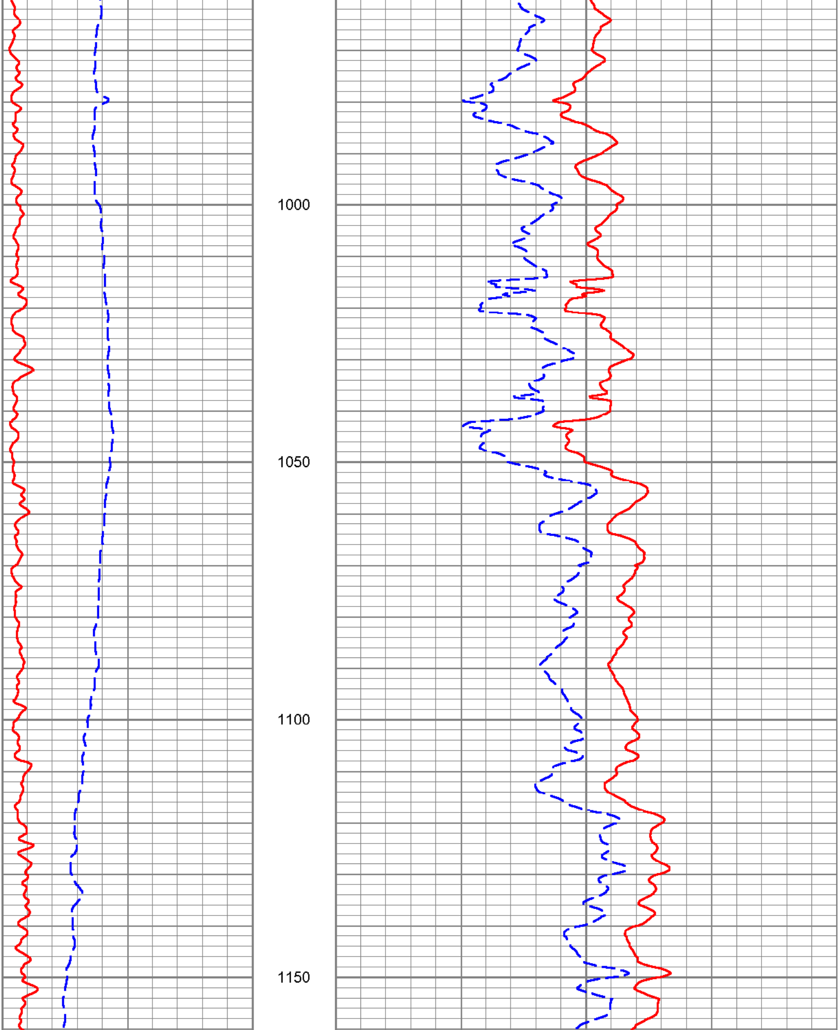
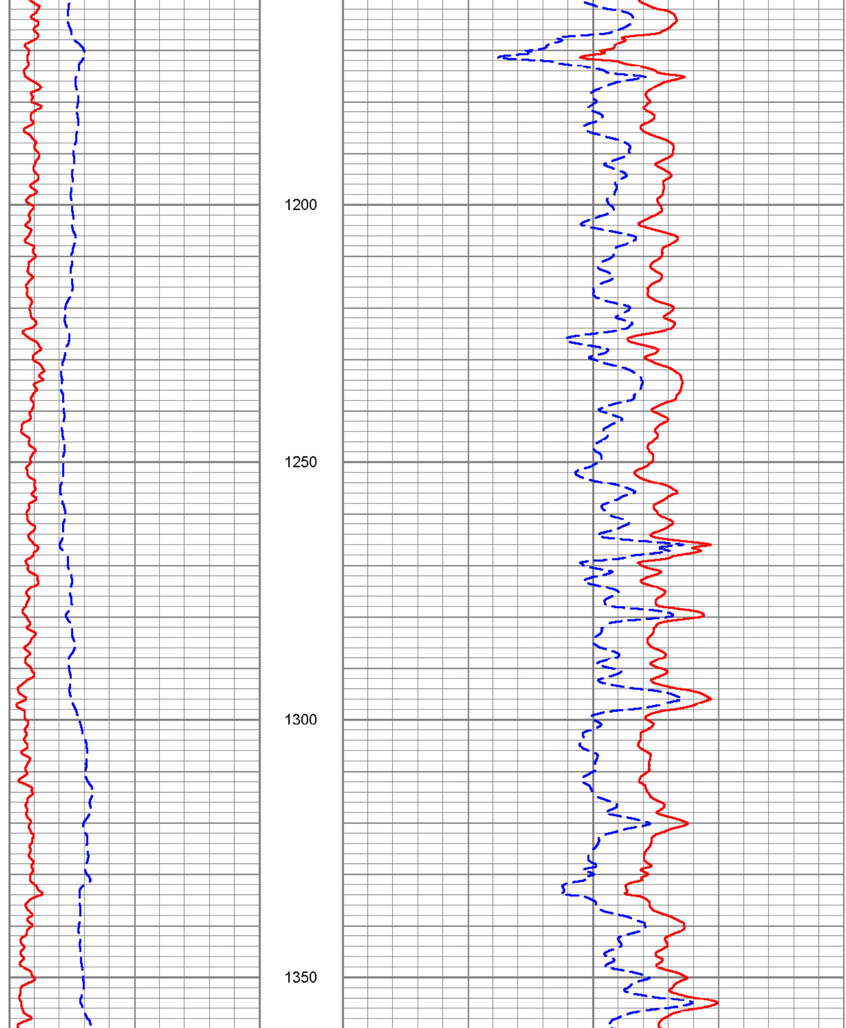
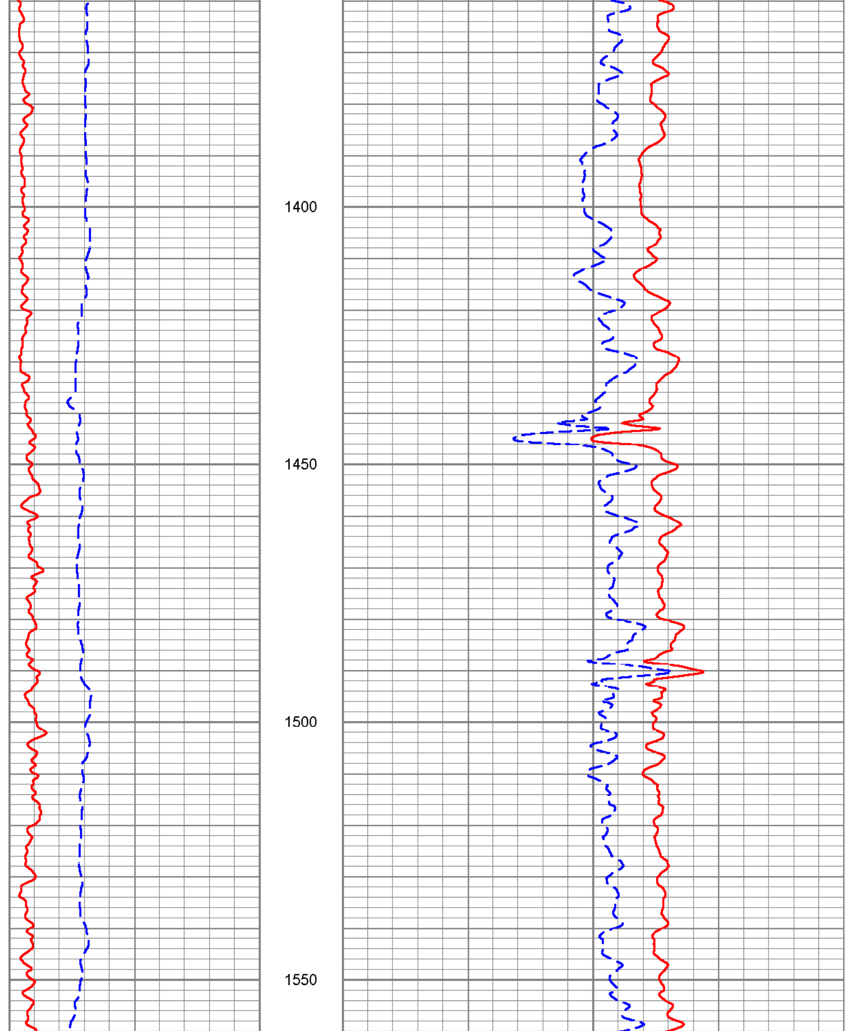
MAIN PASS

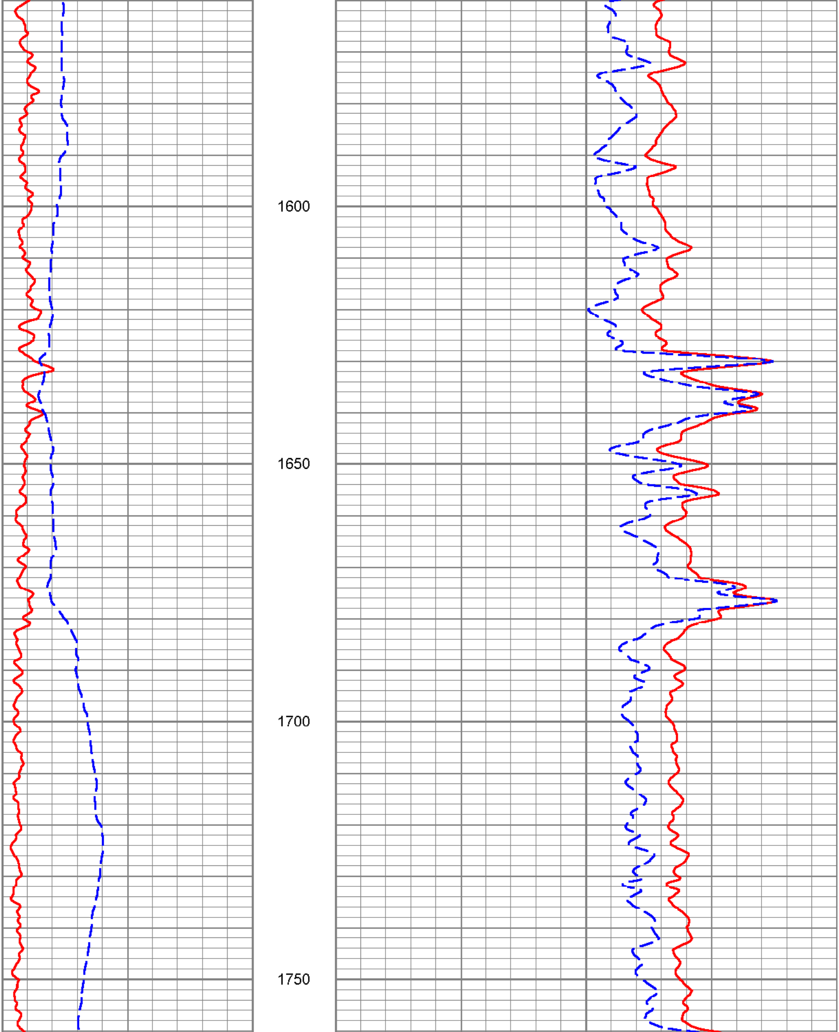
Database File:	belleiw1.db
Dataset Pathname:	run4/pass7
Presentation Format:	SON_POR
Dataset Creation:	Sun Feb 19 18:53:41 2006 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

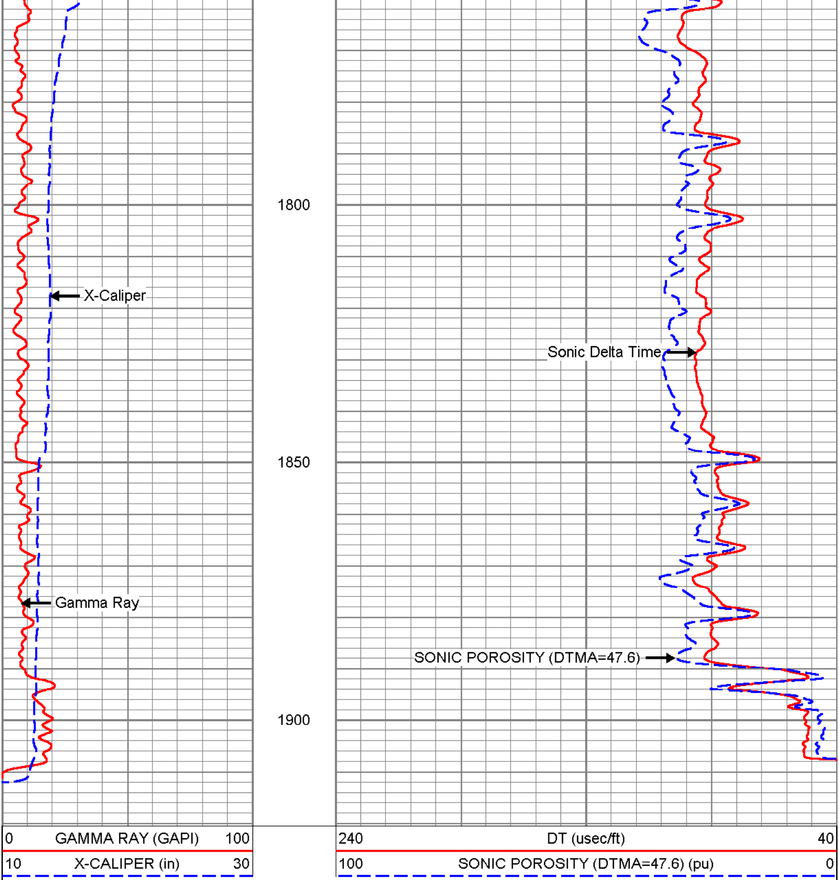












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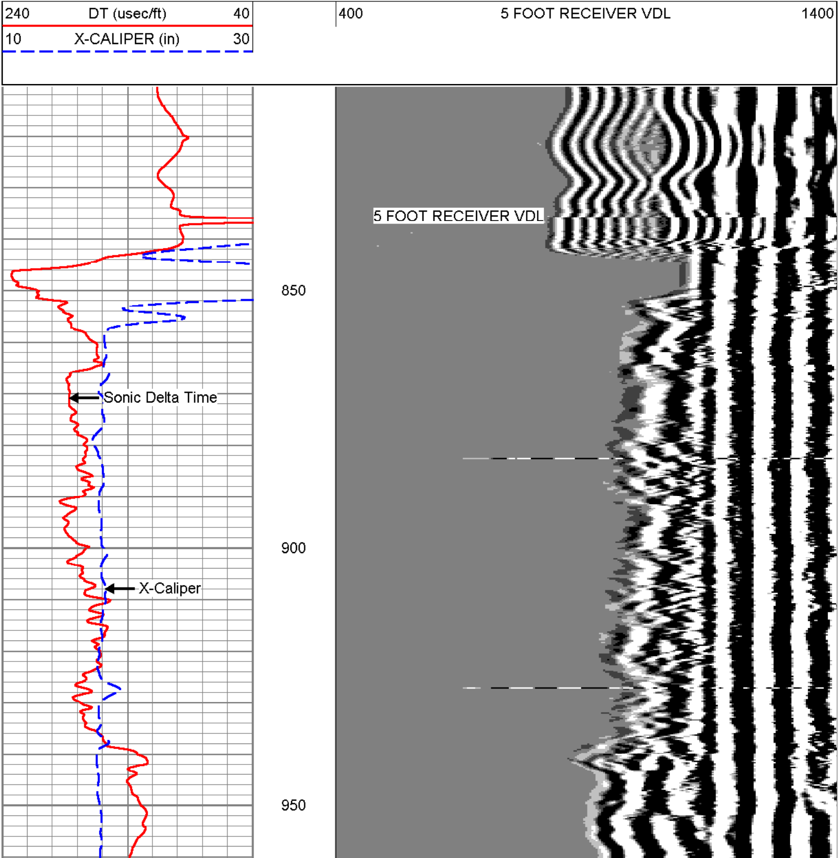
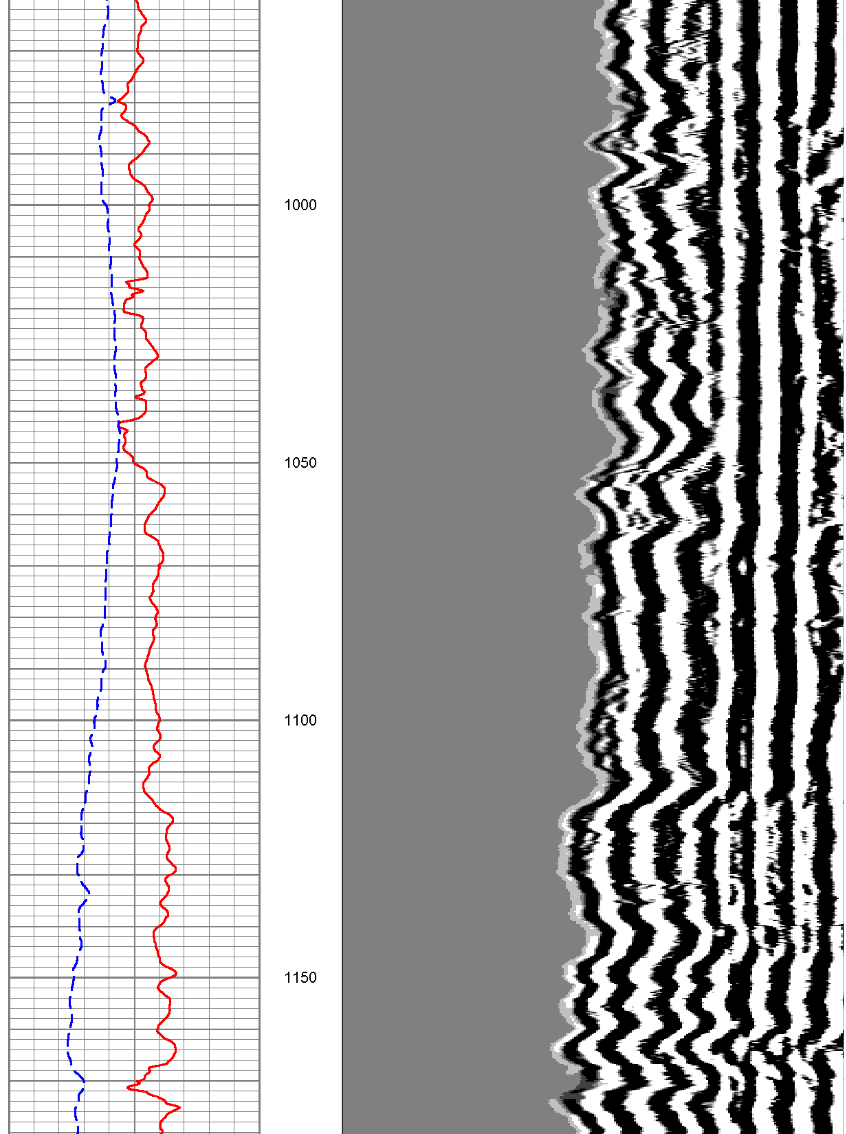
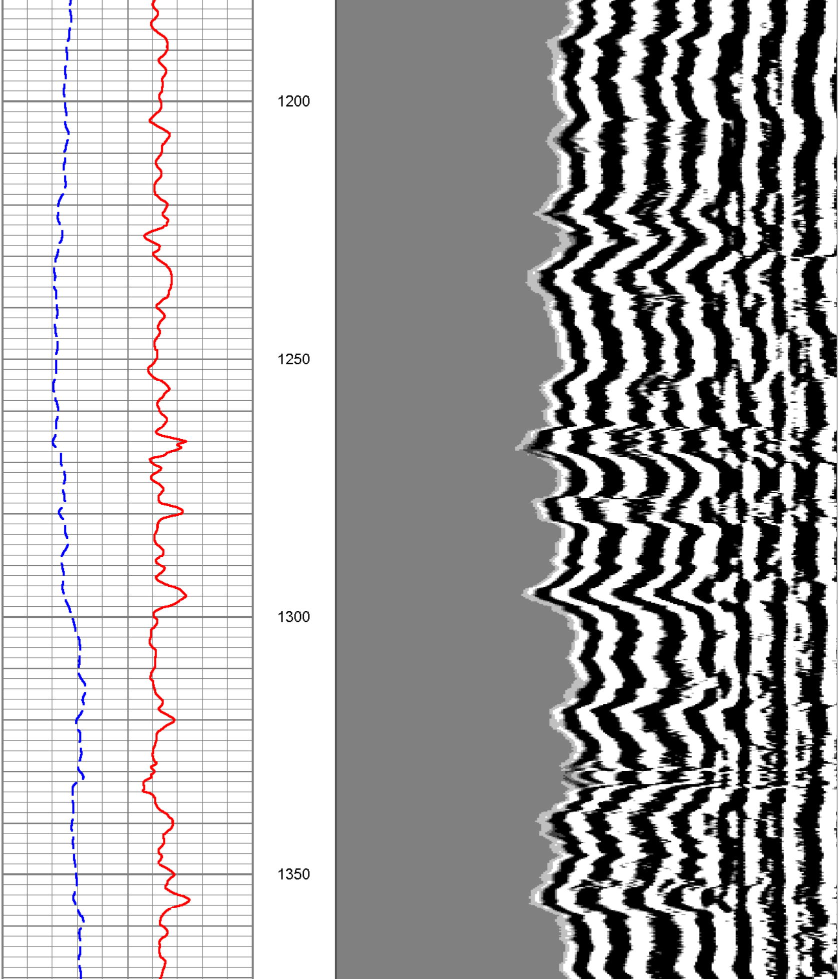
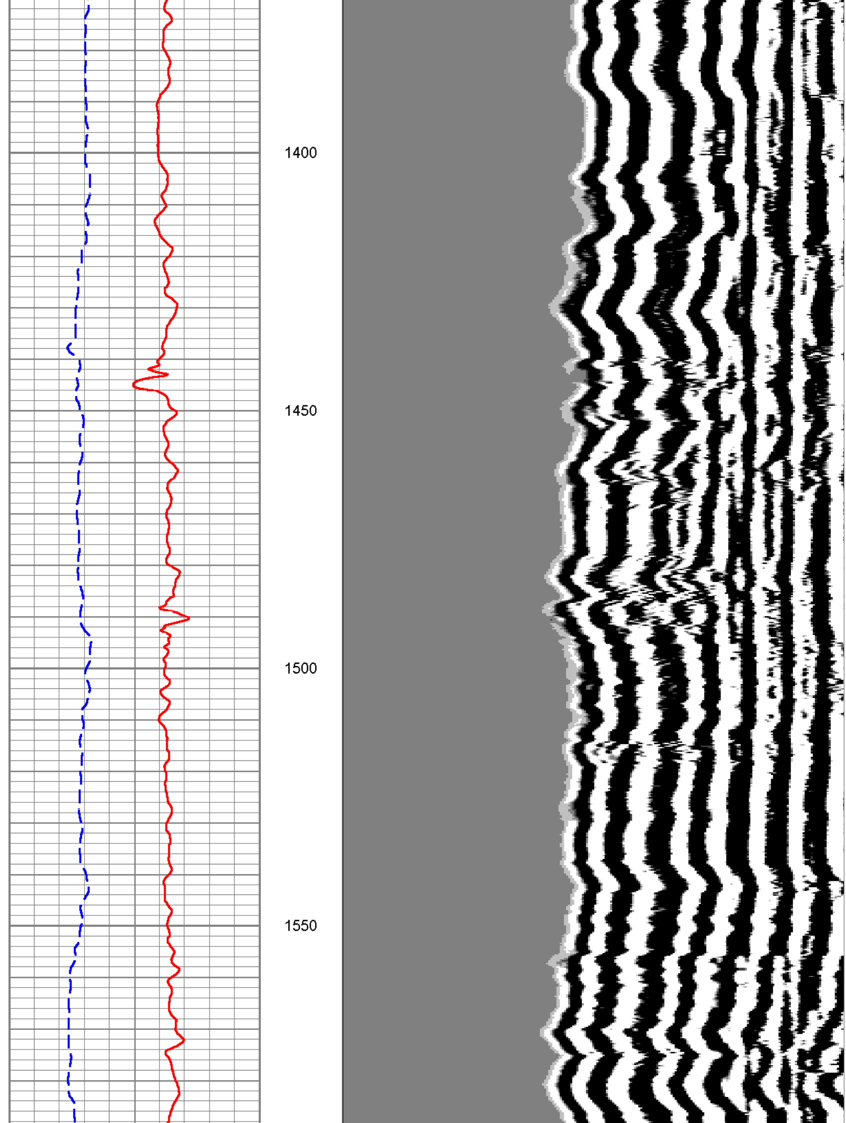
MAIN PASS

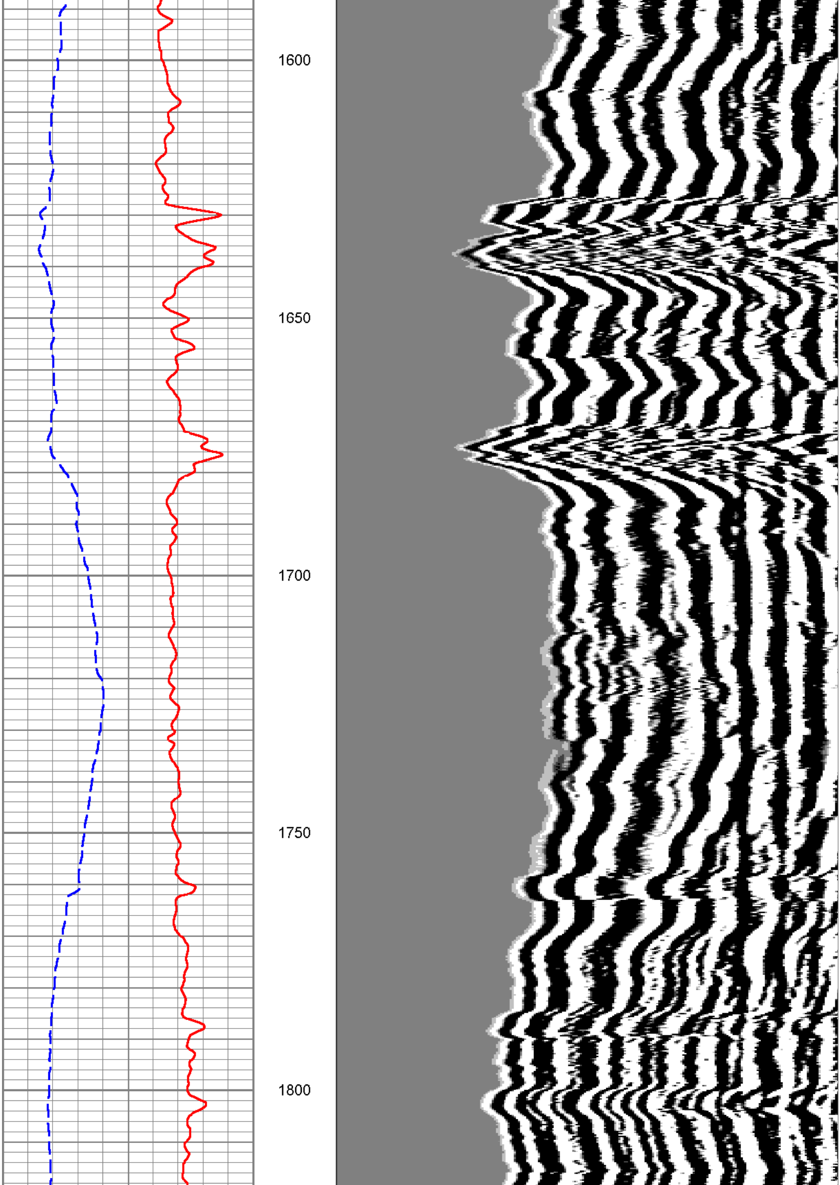
Database File: belleiw1.db
Dataset Pathname: run4/pass7
Presentation Format: SON_VDL
Dataset Creation: Sun Feb 19 18:53:41 2006 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

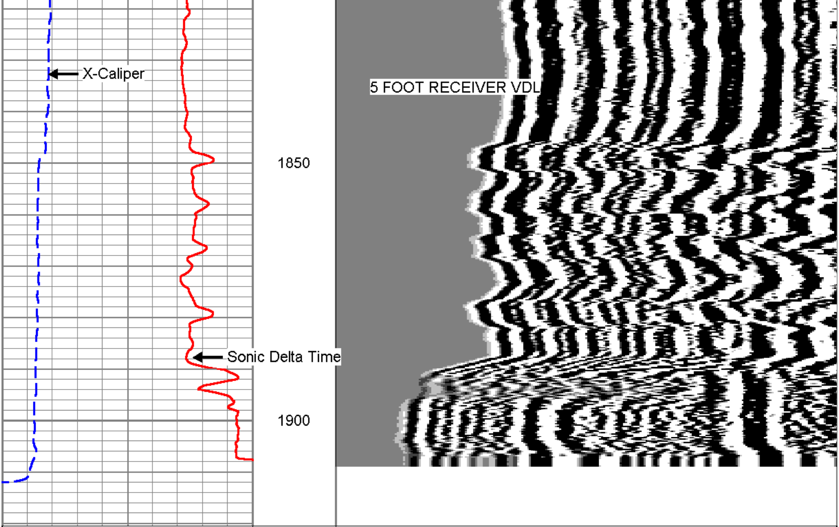












240	DT (usec/ft)	40	400	5 FOOT RECEIVER VDL	1400
10	X-CALIPER (in)	30			

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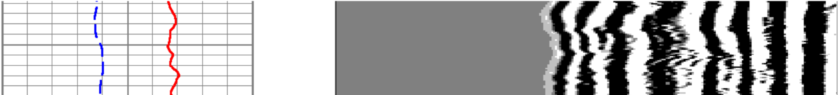
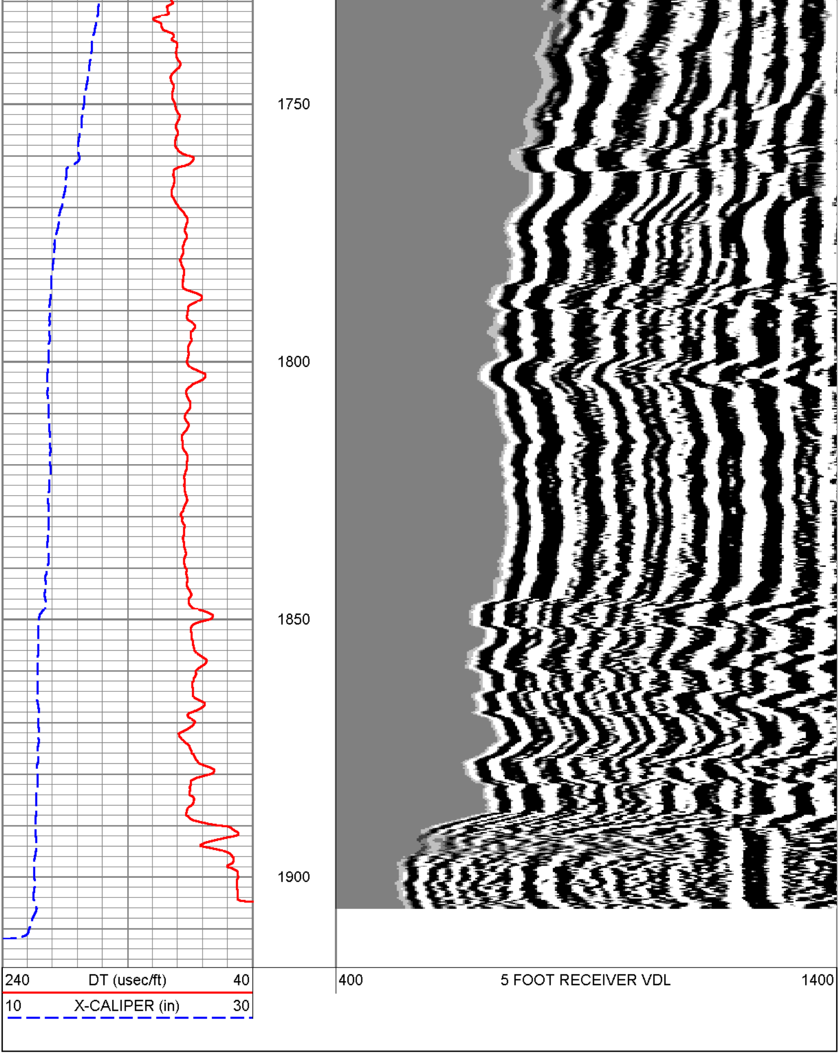
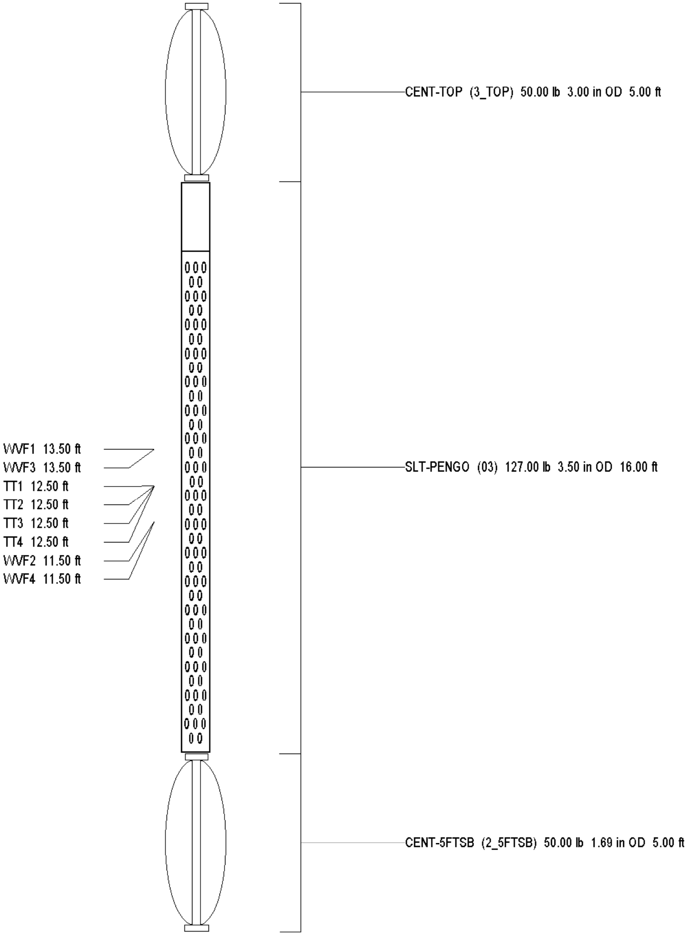
REPEAT PASS

Database File:	belleiw1.db
Dataset Pathname:	run4/pass6
Presentation Format:	SON_VDL
Dataset Creation:	Sun Feb 19 18:43:01 2006 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

240	DT (usec/ft)	40	400	5 FOOT RECEIVER VDL	1400
10	X-CALIPER (in)	30			






CENT-TOP (3_TOP) 50.00 lb 3.00 in OD 5.00 ft
WVF1 13.50 ft
WVF3 13.50 ft
TT1 12.50 ft
TT2 12.50 ft
TT3 12.50 ft
TT4 12.50 ft
WVF2 11.50 ft
WVF4 11.50 ft
SLT-PENGO (03) 127.00 lb 3.50 in OD 16.00 ft
CENT-5FTSB (2_5FTSB) 50.00 lb 1.69 in OD 5.00 ft

Dataset:	run4/pass7
Total Length:	26.00 ft
Total Weight:	227.00 lb
O.D.	3.50 in

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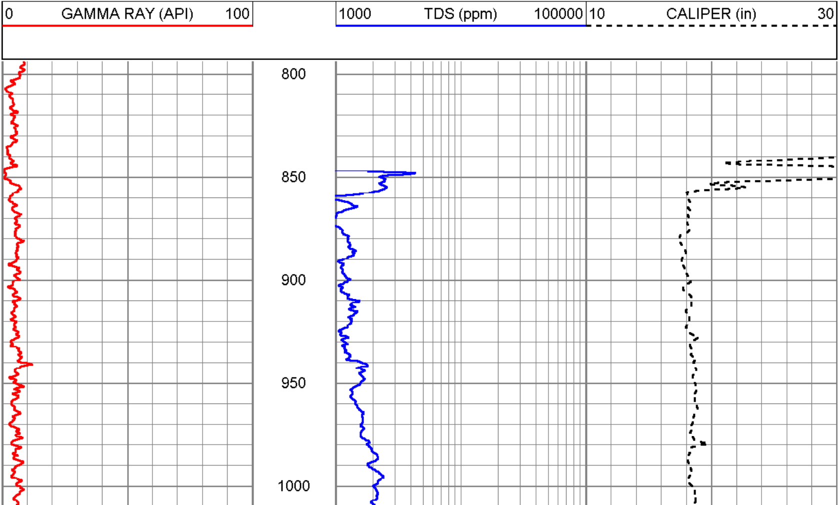
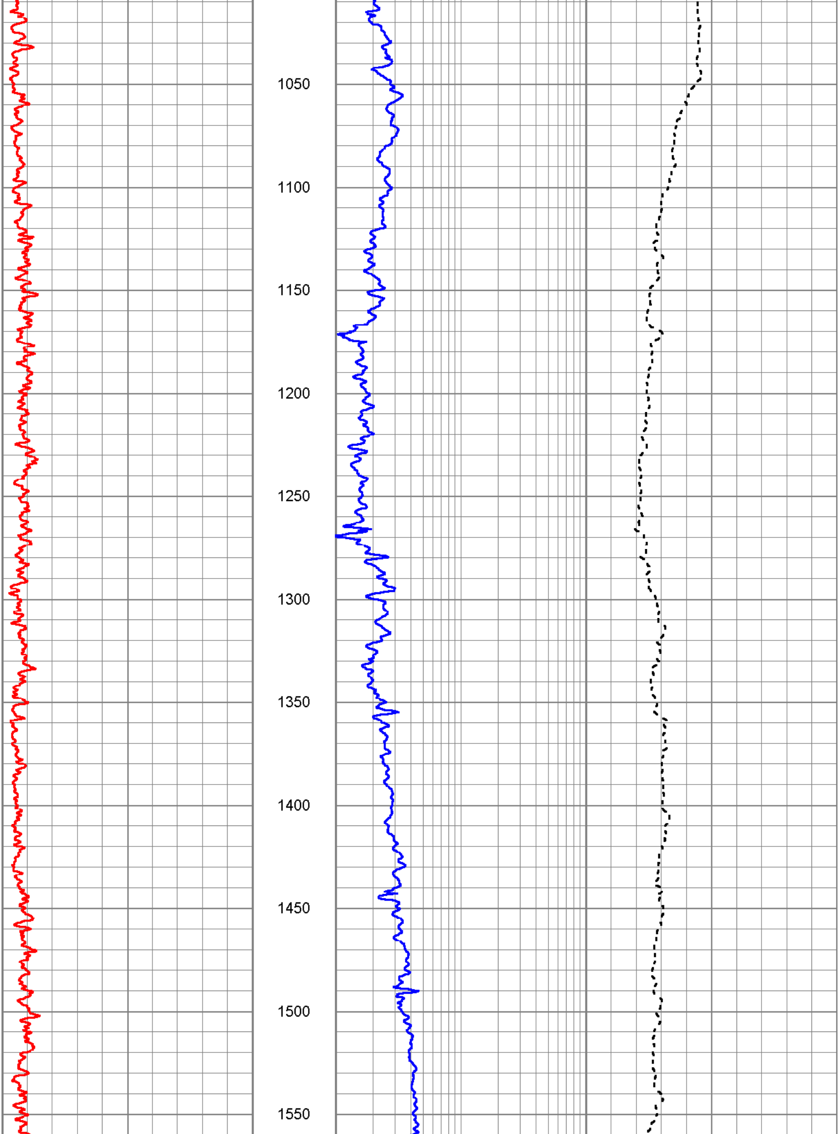
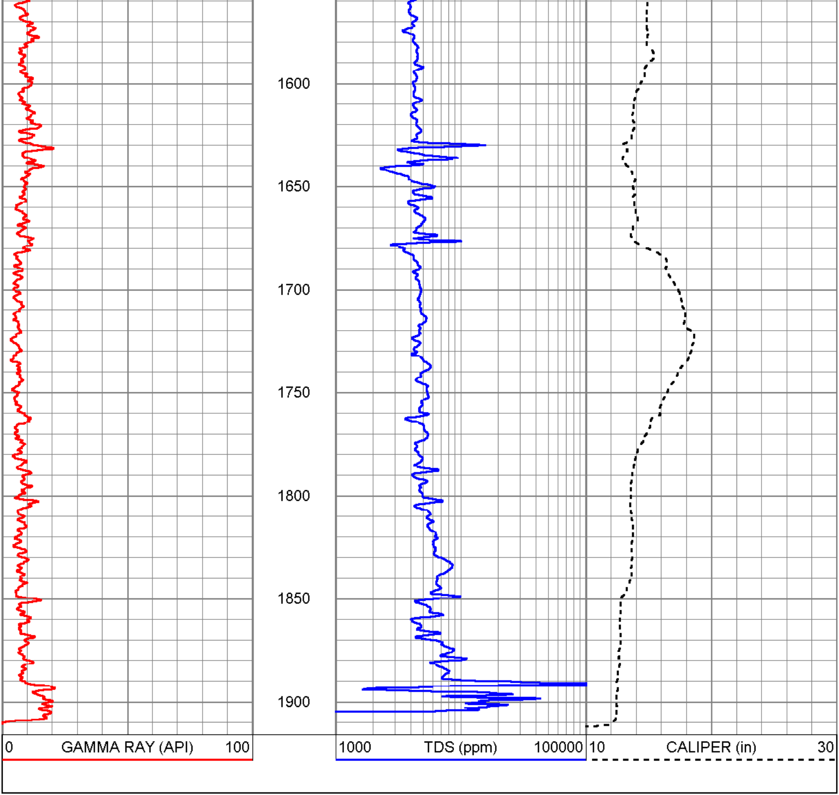
LOG DERIVED TDS

Database File: belleiw1.db
Dataset Pathname: run4/TDS
Presentation Format: TDS
Dataset Creation: Sun Feb 19 19:27:44 2006
Charted by: Depth in Feet scaled 1:600




1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
1550


1600
1650
1700
1750
1800
1850
1900
0
GAMMA RAY (API)
100
1000
TDS (ppm)
100000
10
CALIPER (in)
30