YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY 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

Permanent Datum	PAD	Elevation
Log Measured From	PAD	
Drilling Measured From	PAD	

Elevation
K.B.
D.F.
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:

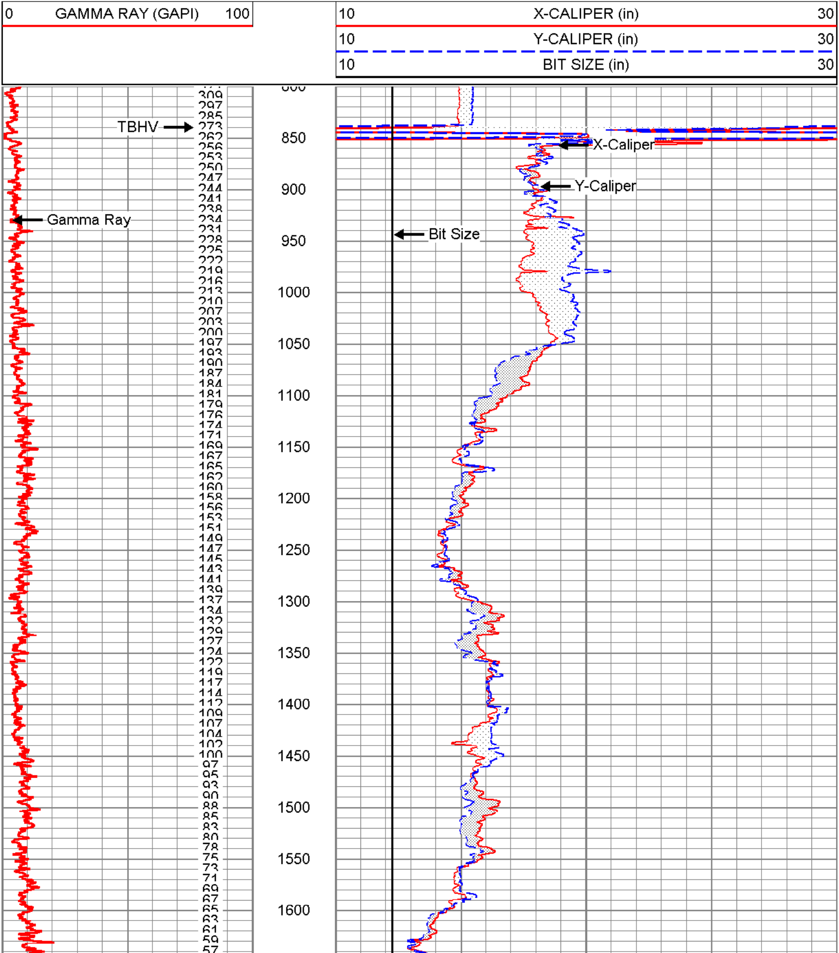
DUAL INDUCTION
BOREHOLE COMPENSATED SONIC
BOREHOLE TELEVIEWER
FLOWMETER
FLUID CONDUCTIVITY / TEMPERATURE

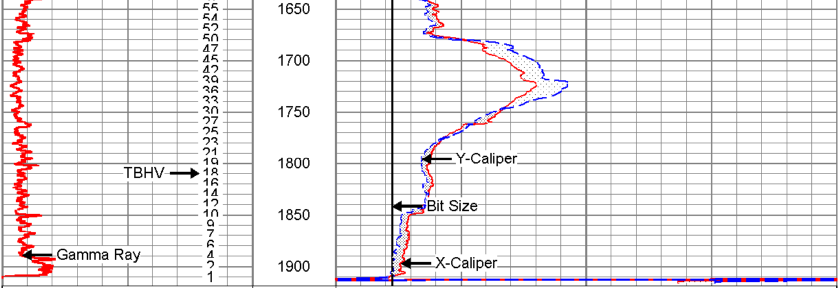
BOREHOLE VOLUME IN BARRELS

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	belleiw1.db
Dataset Pathname:	run4/pass3
Presentation Format:	GRXYC
Dataset Creation:	Sun Feb 19 16:46:01 2006 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:1200





0 GAMMA RAY (GAPI) 100

10 X-CALIPER (in) 30

10 Y-CALIPER (in) 30

10 BIT SIZE (in) 30

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MAIN PASS

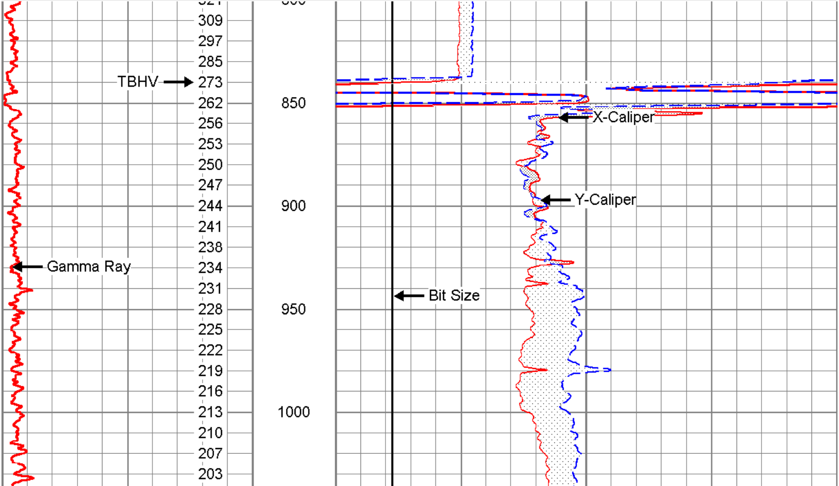
Database File: belleiw1.db
Dataset Pathname: run4/pass3
Presentation Format: GRXYC
Dataset Creation: Sun Feb 19 16:46:01 2006 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600

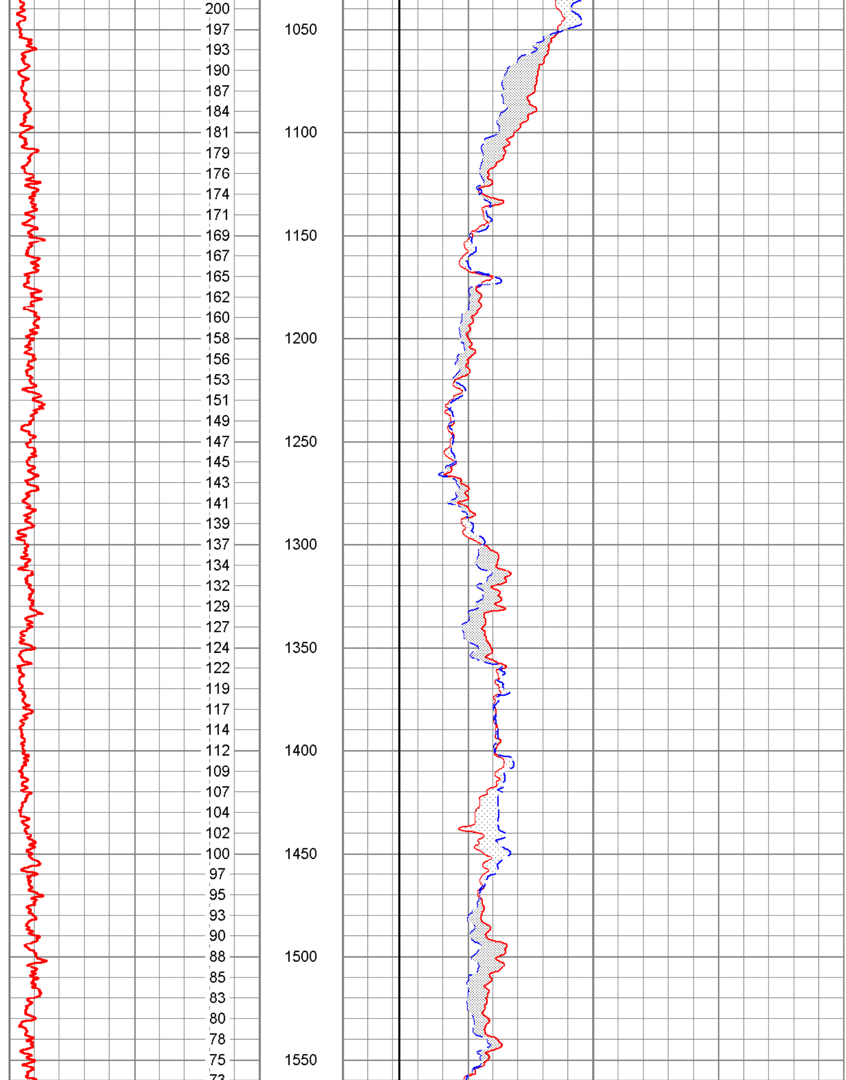
0 GAMMA RAY (GAPI) 100

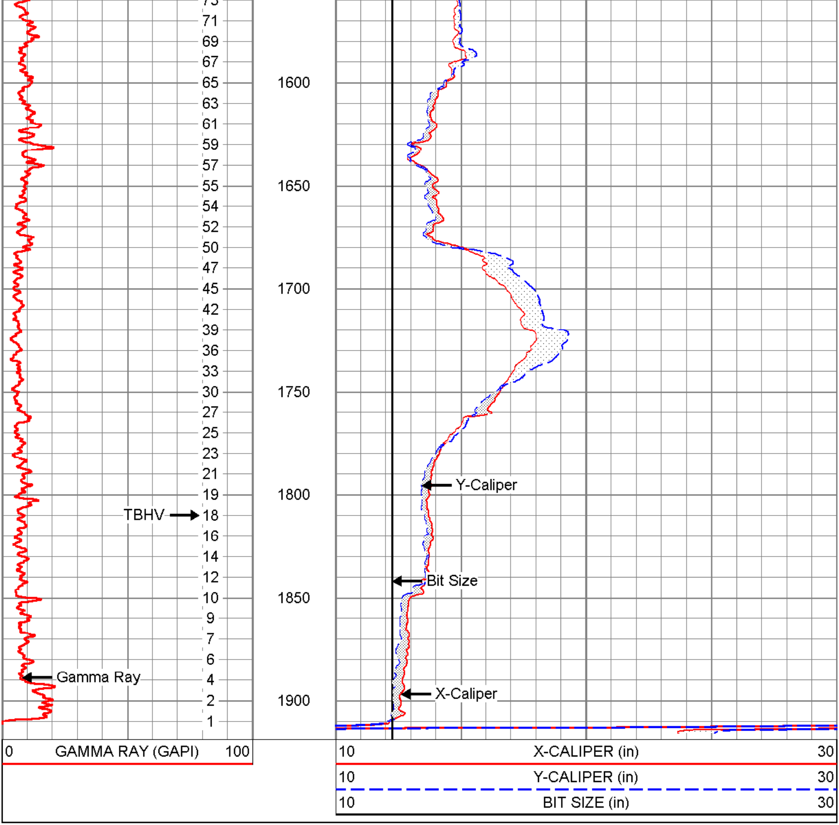
10 X-CALIPER (in) 30

10 Y-CALIPER (in) 30

10 BIT SIZE (in) 30







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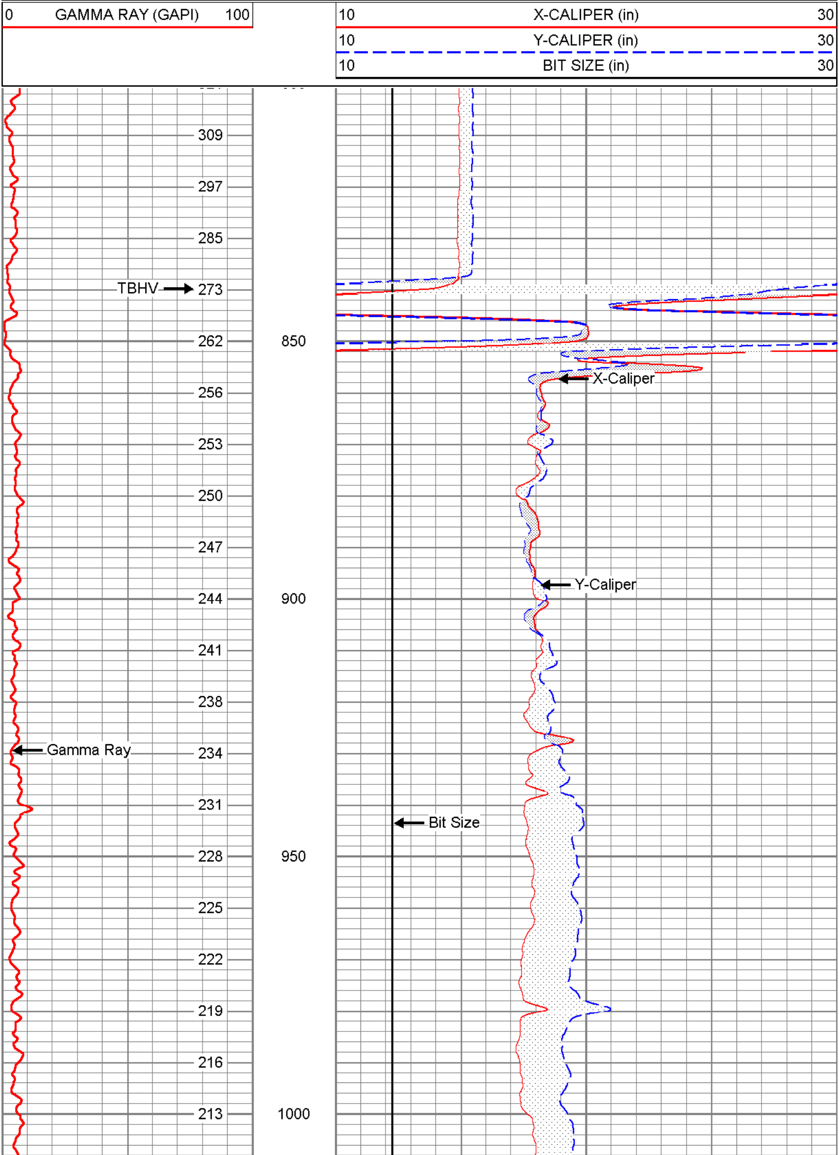
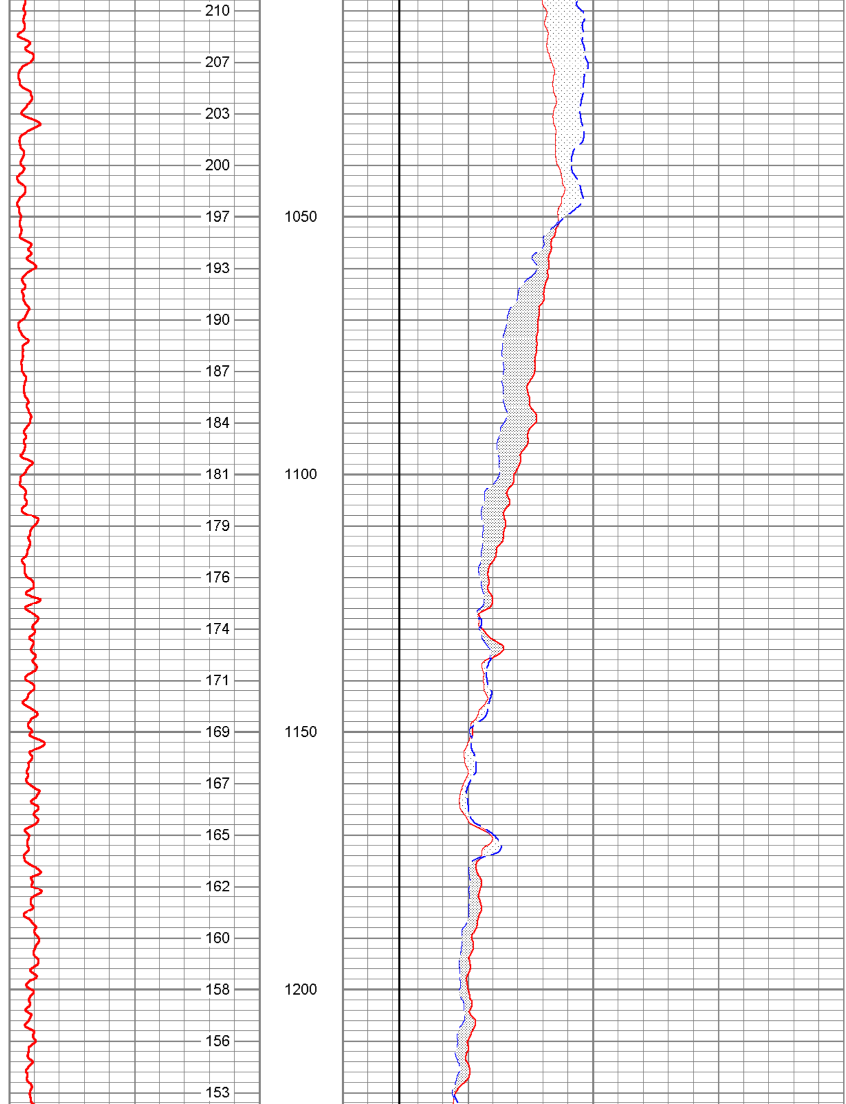
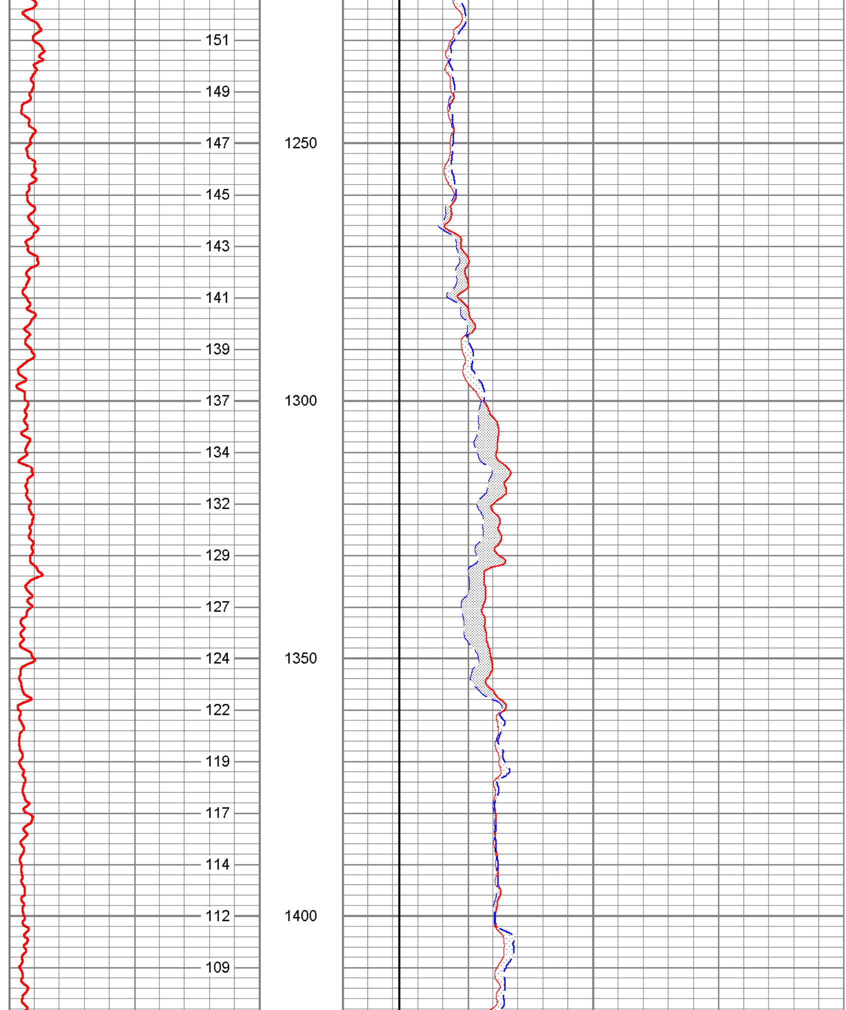
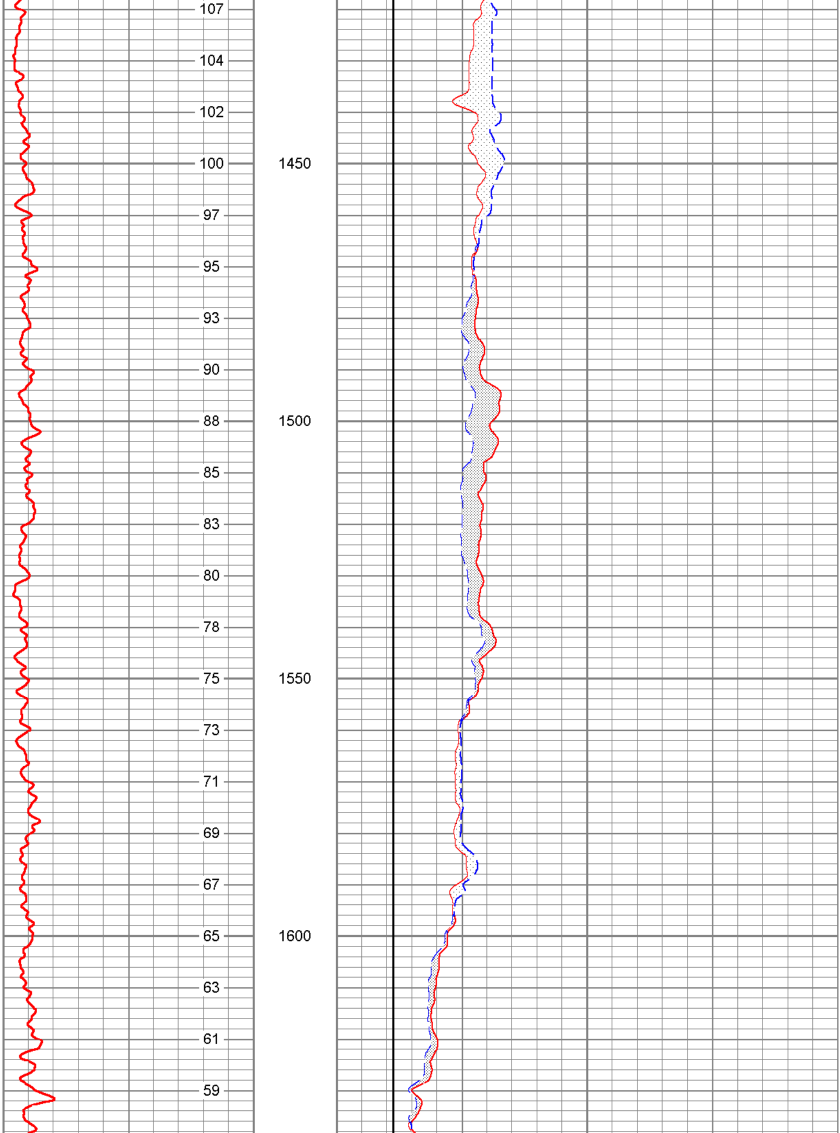
MAIN PASS

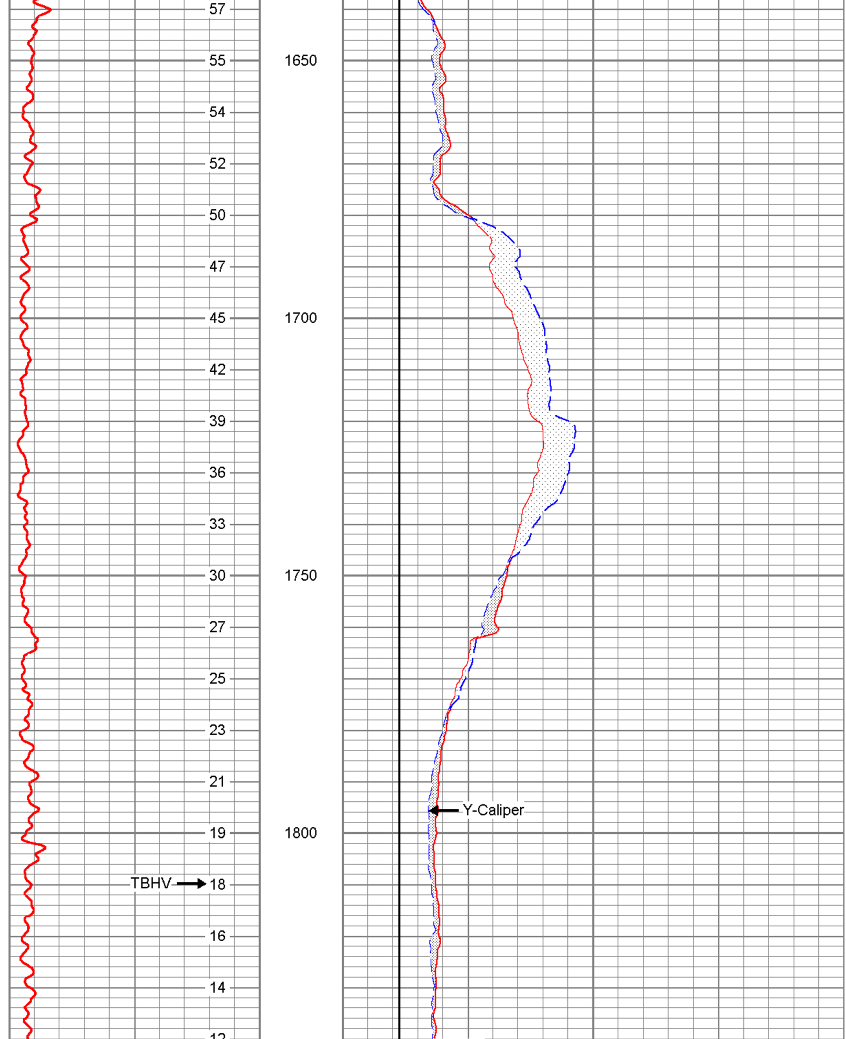
Database File:	belleiw1.db
Dataset Pathname:	run4/pass3
Presentation Format:	GRXYC
Dataset Creation:	Sun Feb 19 16:46:01 2006 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

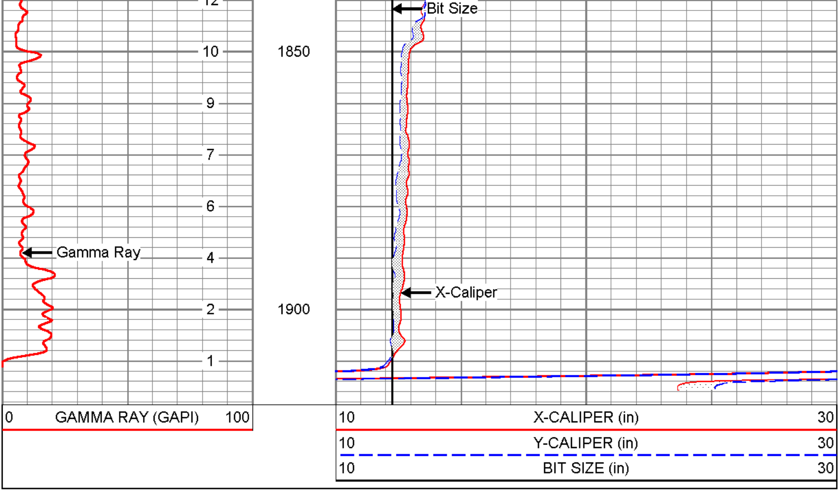












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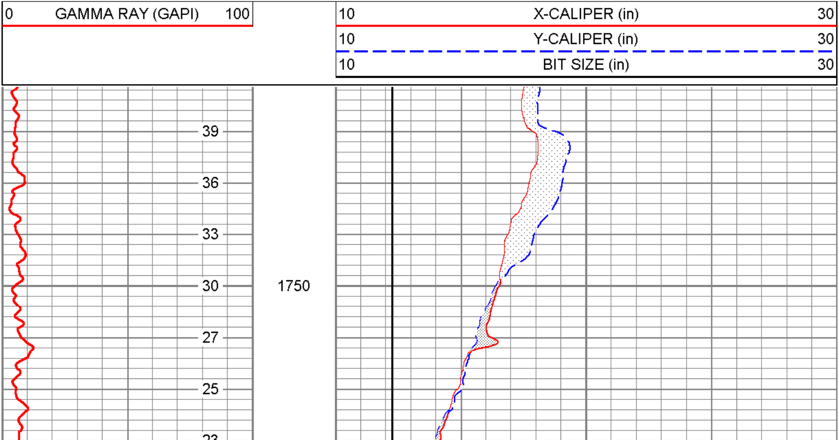
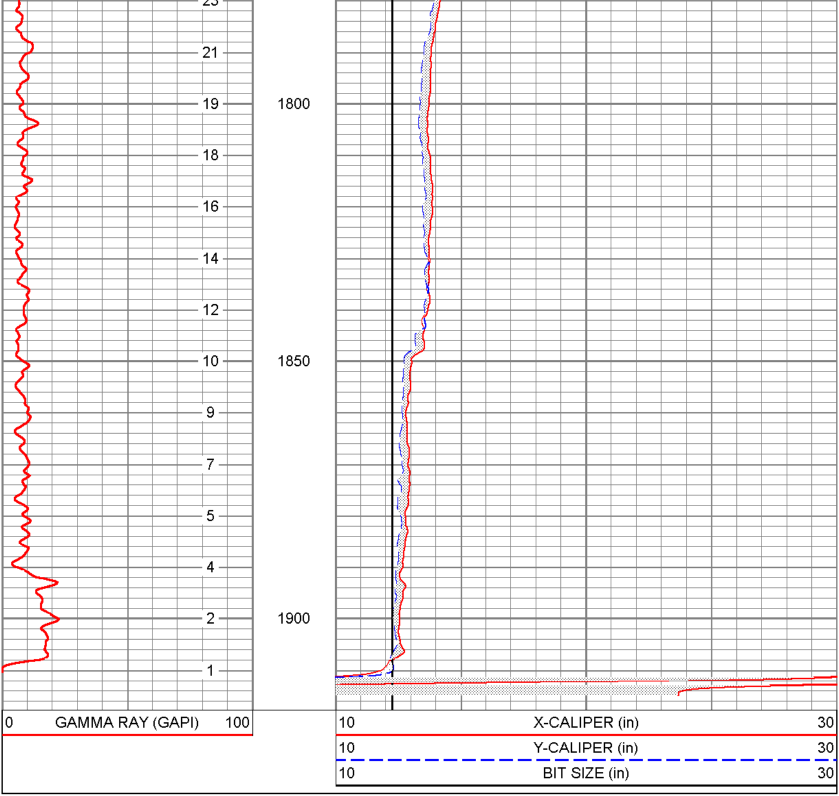
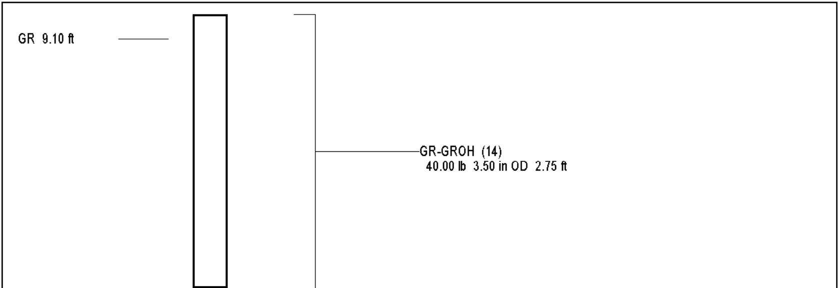
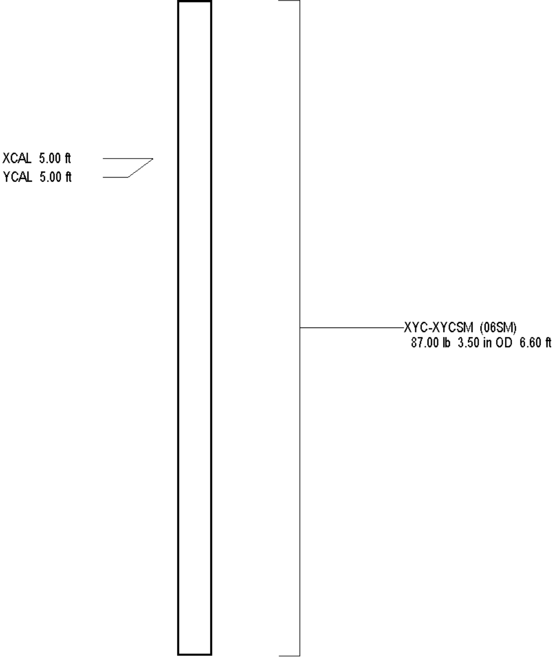
REPEAT PASS

Database File: belleiw1.db
Dataset Pathname: run4/pass2
Presentation Format: GRXYC
Dataset Creation: Sun Feb 19 16:31:47 2006 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240









Dataset:	run4/pass3
Total Length:	9.35 ft
Total Weight:	127.00 lb
O.D.	3.50 in

XY Caliper Calibration Report

Serial Number/Model:	06SM-XYCSM
Performed:	Sun Feb 19 16:01:37 2006

	Ring		X Caliper		Y Caliper	
1:	5.81	in	312.112	cps	275.475	cps
2:	13.4	in	419.019	cps	376.476	cps
3:	40	in	848.048	cps	804.505	cps
4:		in		cps		cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	14	
Tool Model:	GROH	
Performed:	Thu Jan 19 15:40:24 2006	
Calibrator Value:	120	GAPI
Background Reading:	45.1785	cps
Calibrator Reading:	242.721	cps
Sensitivity:	0.607465	GAPI/cps