YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Location: MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL

Other Services: SEE COMMENTS

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

Date	22-MAR-2008
Run Number	ONE
Depth Driller	250'
Depth Logger	251'
Bottom Logged Interval	251'
Top Log Interval	SURFACE
Open Hole Size	12.25"
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	0300
Time Logger on Bottom	0000
Equipment Number	103
Location	FT MYERS
Recorded By	MOREY
Witnessed By	M BLACK

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
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

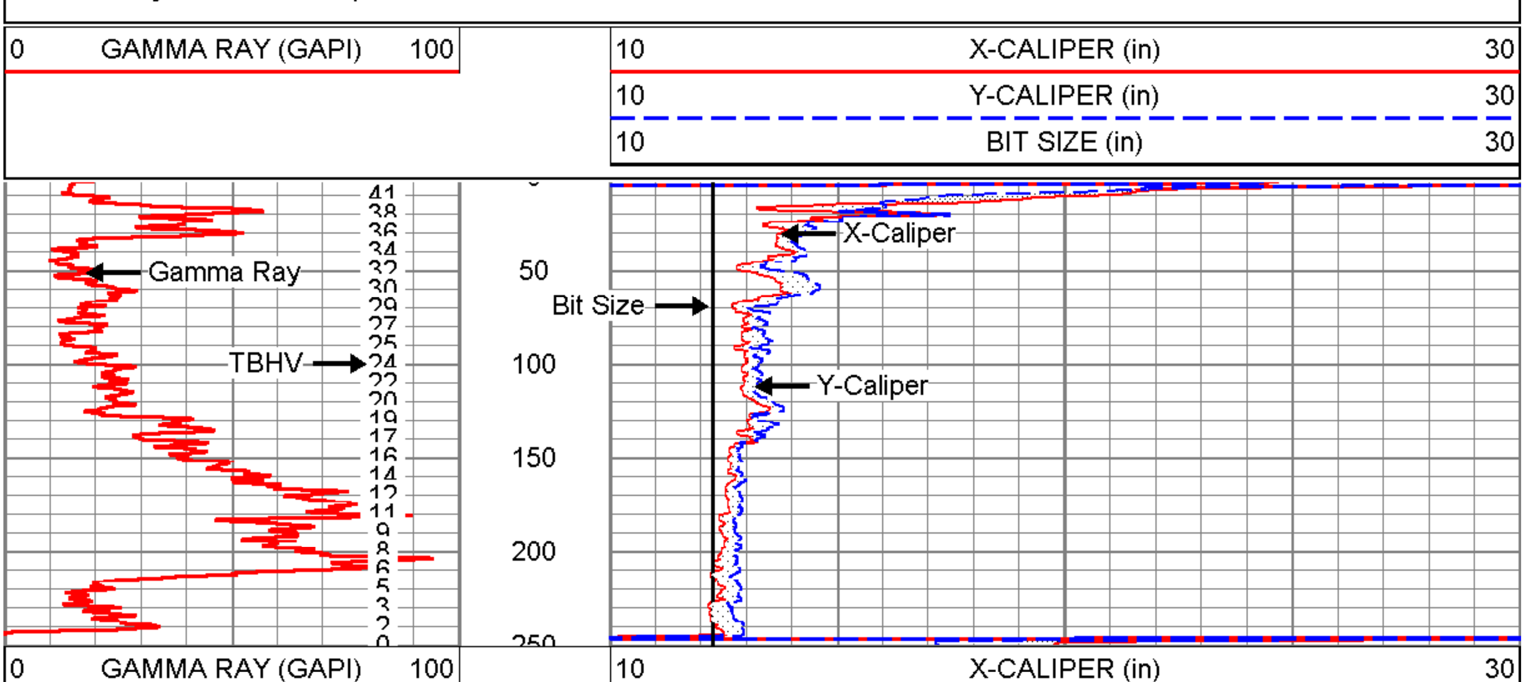
DUAL INDUCTION

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: pass2
Presentation Format: GRXYC
Dataset Creation: Sat Mar 22 03:58:12 2008 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



0 GAMMA RAY (GAPI) 100 | 10 X-CALIPER (in) 30 | 10 Y-CALIPER (in) 30 | 10 BIT SIZE (in) 30

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: pass2
Presentation Format: GRXYC
Dataset Creation: Sat Mar 22 03:58:12 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600

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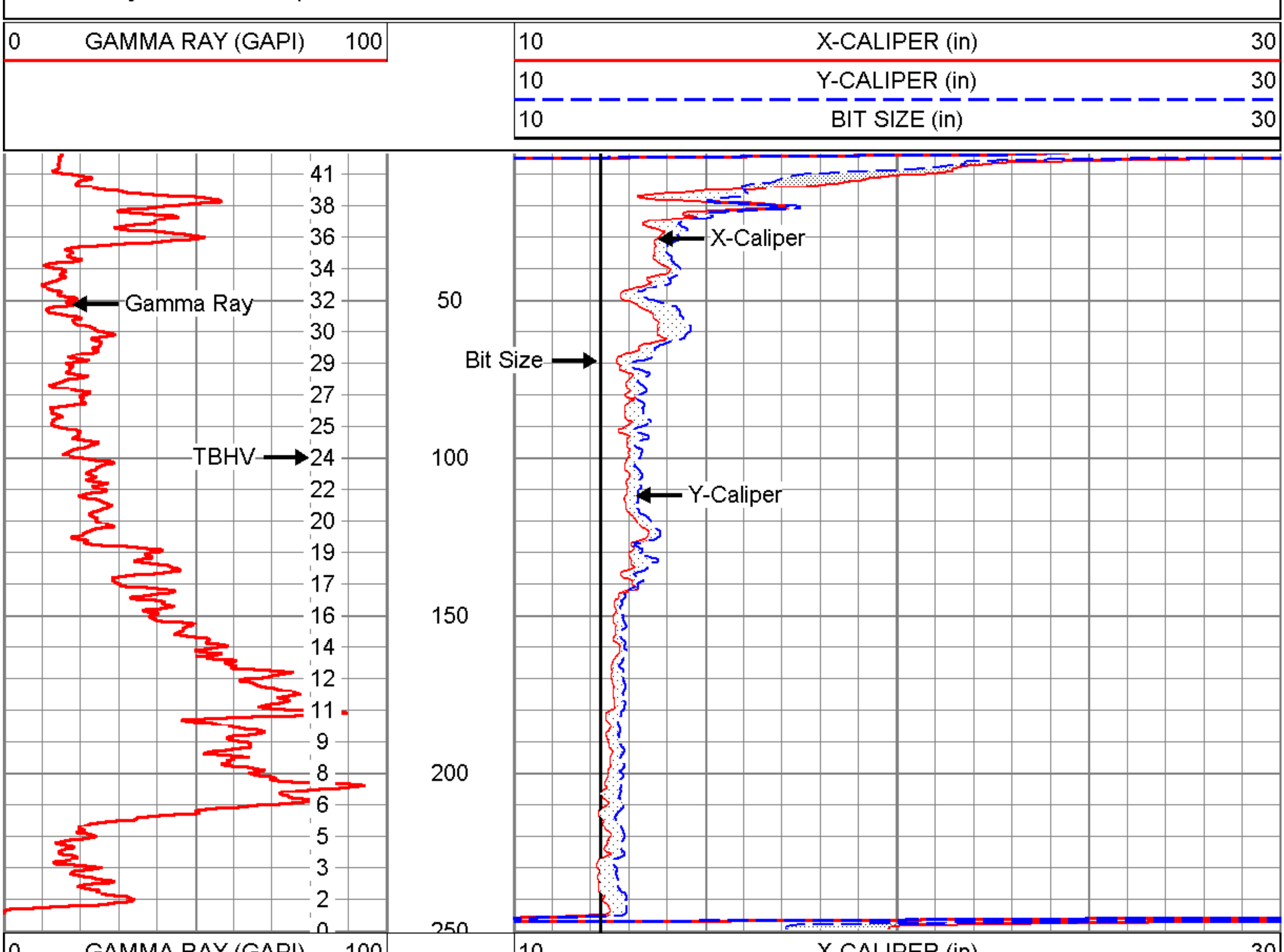


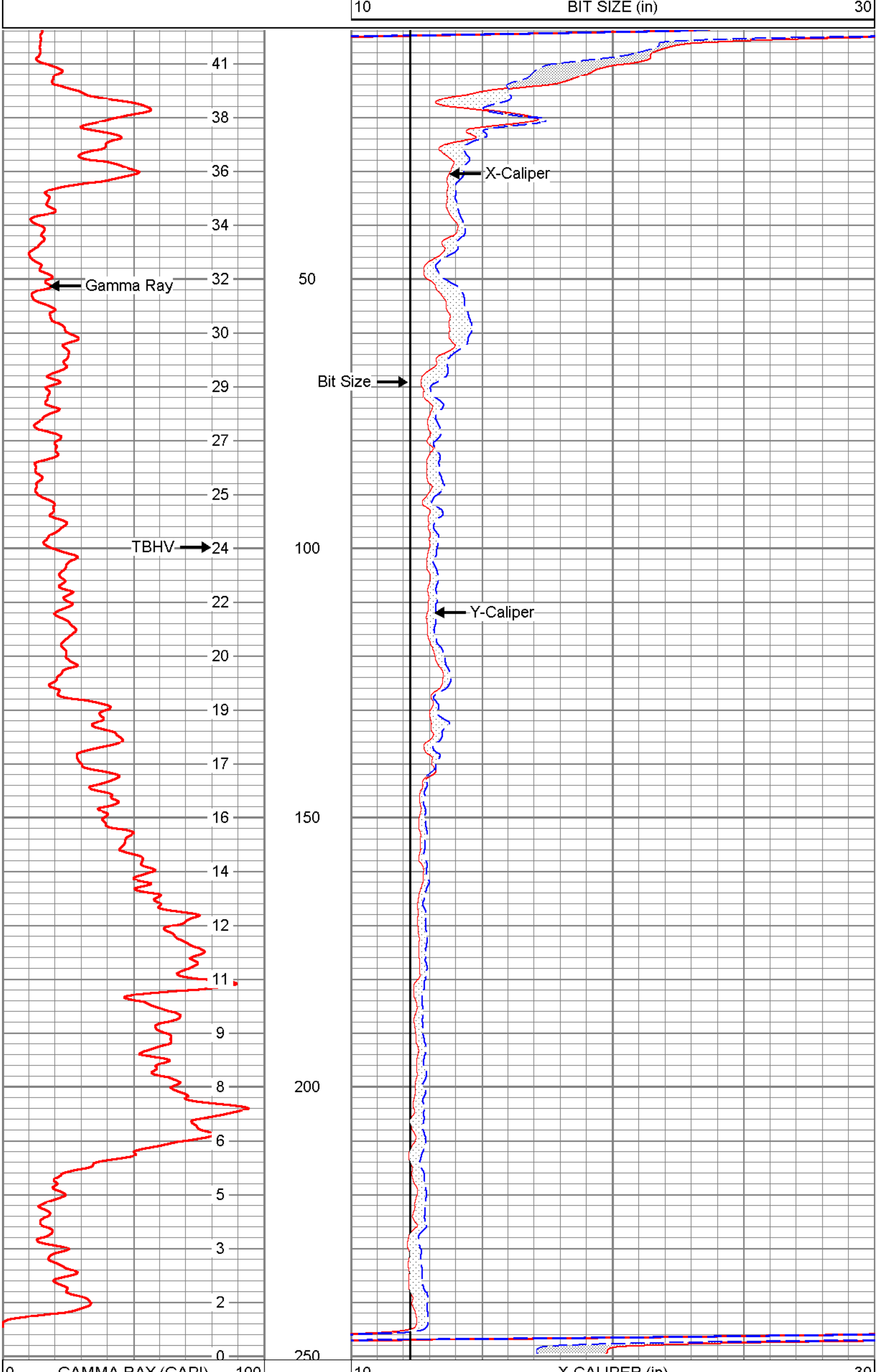
0 GAMMA RAY (GAPI) 100 | 10 X-CALIPER (in) 30 | 10 Y-CALIPER (in) 30 | 10 BIT SIZE (in) 30

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: pass2
Presentation Format: GRXYC
Dataset Creation: Sat Mar 22 03:58:12 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 100 | 10 X-CALIPER (in) 30 | 10 Y-CALIPER (in) 30 | 10 BIT SIZE (in) 30



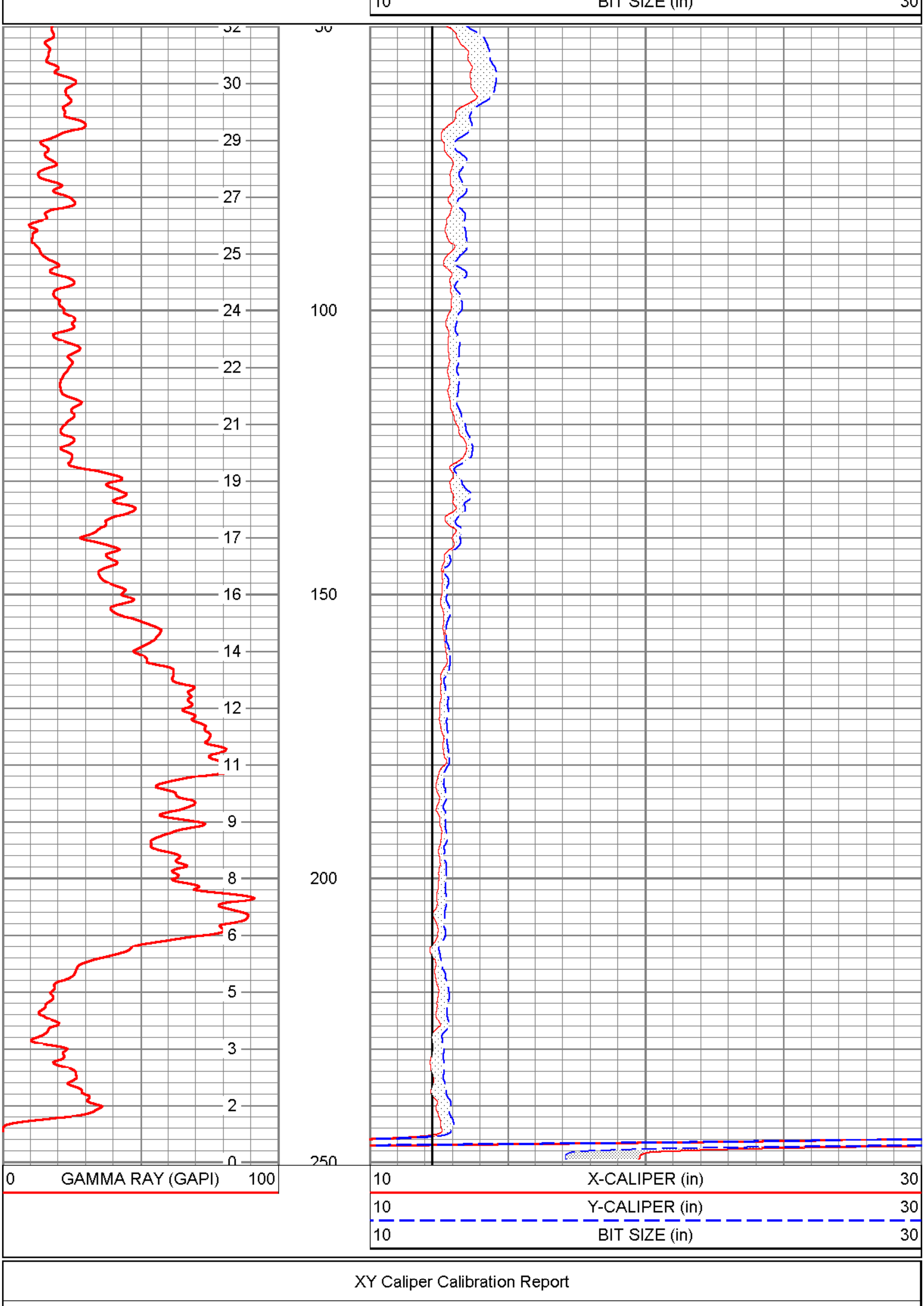
0 GAMMA RAY (GAPI) 100 | 10 X-CALIPER (in) 30 | 10 Y-CALIPER (in) 30 | 10 BIT SIZE (in) 30

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: pass1
Presentation Format: GRXYC
Dataset Creation: Sat Mar 22 03:45:26 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 100 | 10 X-CALIPER (in) 30 | 10 Y-CALIPER (in) 30 | 10 BIT SIZE (in) 30



0 GAMMA RAY (GAPI) 100 | 10 X-CALIPER (in) 30 | 10 Y-CALIPER (in) 30 | 10 BIT SIZE (in) 30

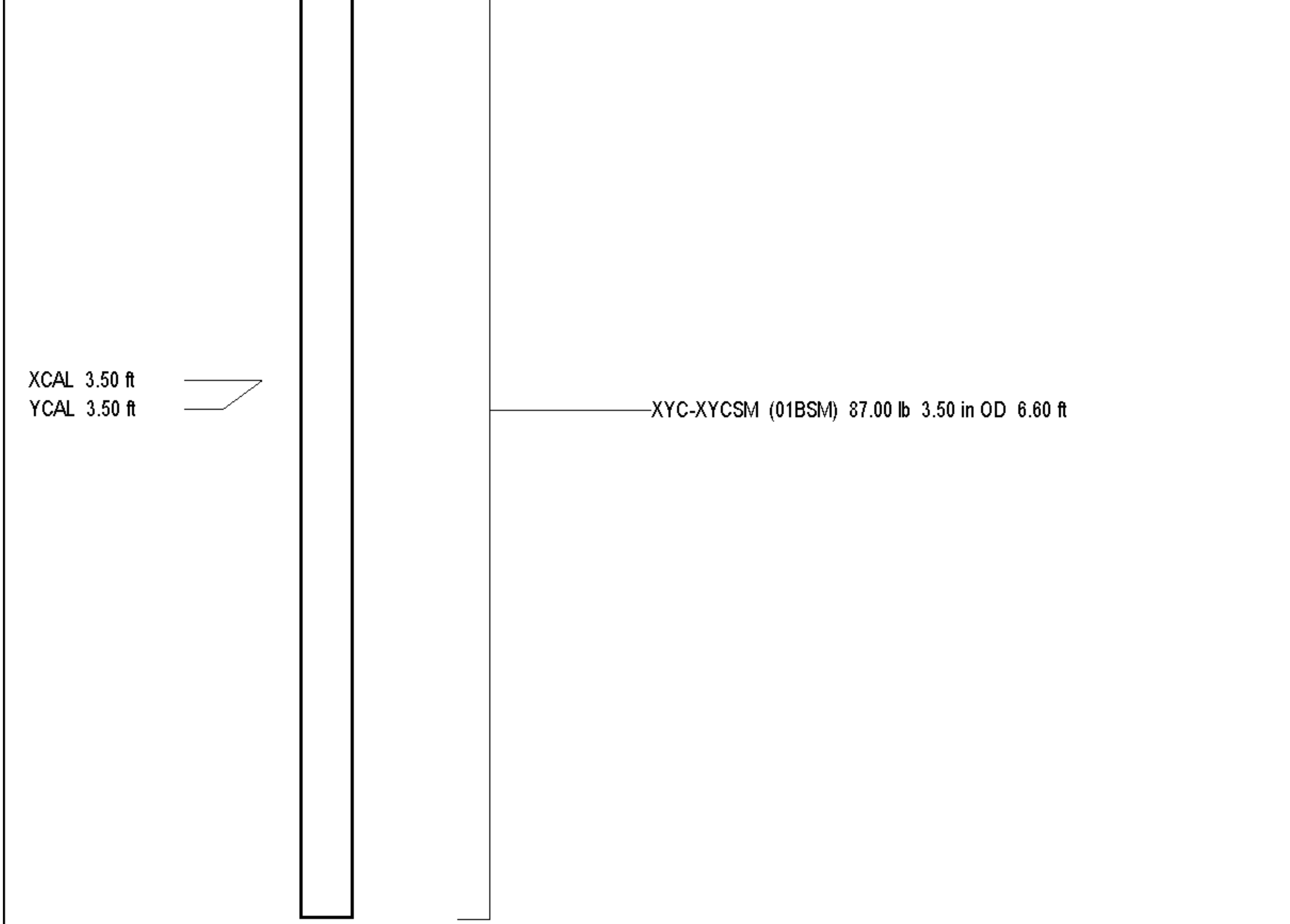
XY Caliper Calibration Report

Serial Number/Model: 01BSM-XYCSM
Performed: Wed Mar 19 06:39:45 2008

Ring			X Caliper		Y Caliper	
1:	5.81	in	431.532	cps	401.602	cps
2:	13.4	in	557.157	cps	507.708	cps
3:	39.25	in	1119.92	cps	992.593	cps
4:		in		cps		cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	14	
Tool Model:	GROH	
Performed:	Sun Feb 24 10:28:48 2008	
Calibrator Value:	120	GAPI
Background Reading:	45.4454	cps
Calibrator Reading:	204.505	cps
Sensitivity:	0.754438	GAPI/cps



Dataset: run1/pass2
Total Length: 9.35 ft
Total Weight: 127.00 lb
O.D. 3.50 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

DUAL INDUCTION LL3 with SP LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL

Permanent Datum / Log Measured From / Drilling Measured From — Elevation: K.B., D.F., G.L.

Other Services: BHTV, COMMENTS

Date: 22-Mar-2008; Logger: F. SAYERS; Witnessed By: M. BLACK

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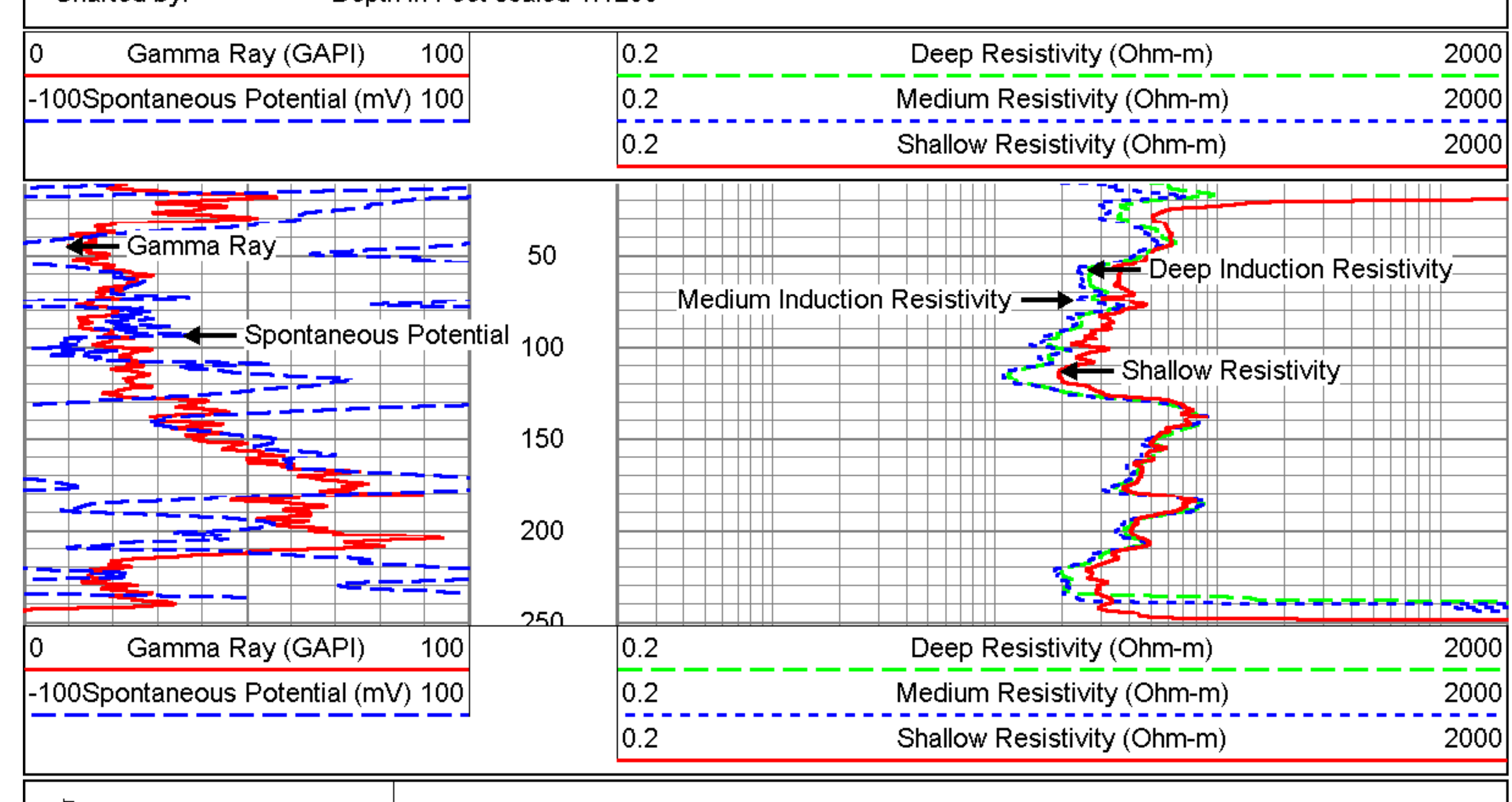
Comments

X-Y CALIPER
GAMMA RAY

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

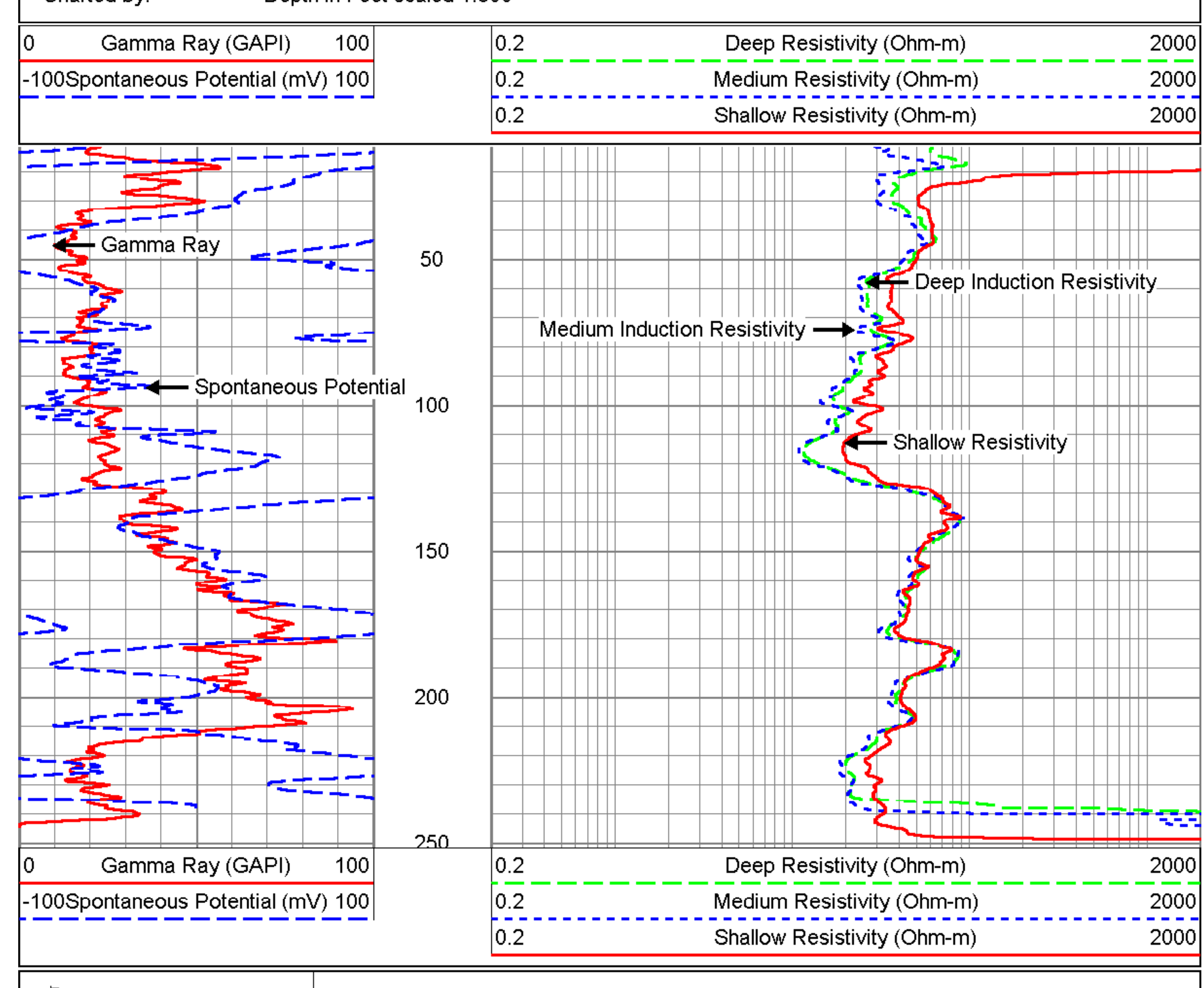
Database File: btstoiw2.db
Dataset Pathname: pass4
Presentation Format: DIL
Dataset Creation: Sat Mar 22 04:42:48 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:1200



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

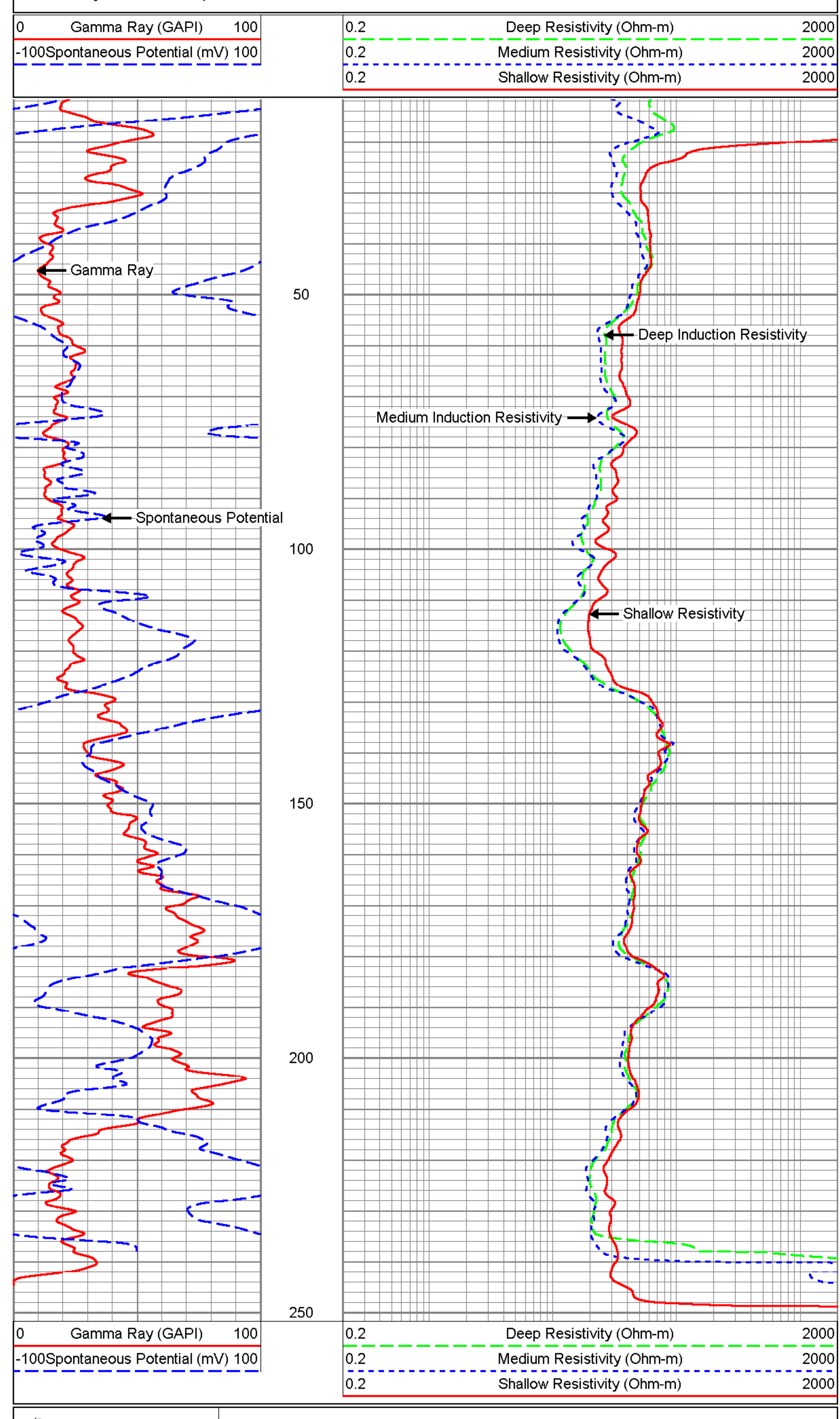
Database File: btstoiw2.db
Dataset Pathname: pass4
Presentation Format: DIL
Dataset Creation: Sat Mar 22 04:42:48 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

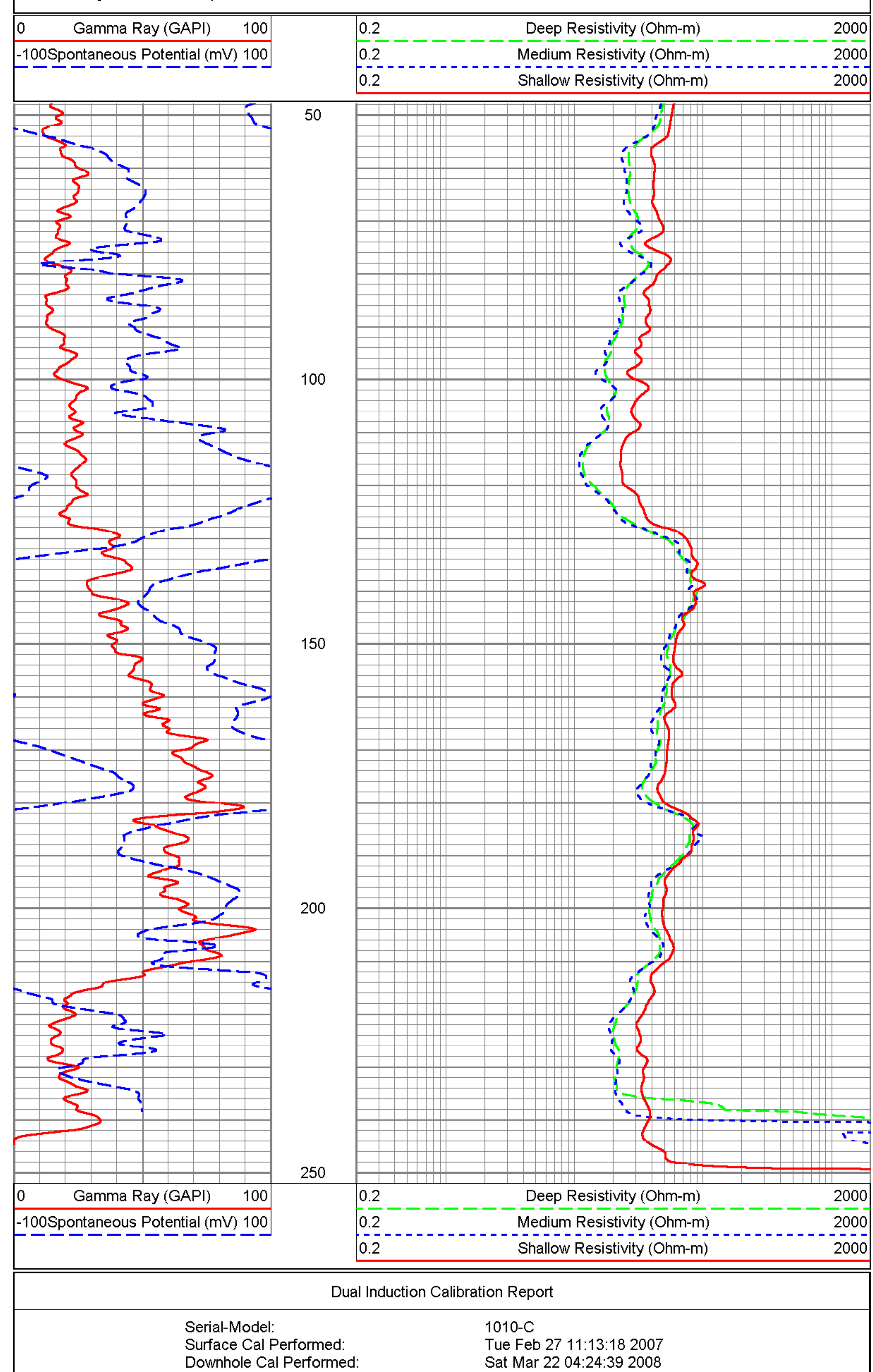
Database File: btstoiw2.db
Dataset Pathname: pass4
Presentation Format: DIL
Dataset Creation: Sat Mar 22 04:42:48 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: pass3
Presentation Format: DIL
Dataset Creation: Sat Mar 22 04:32:12 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



Dual Induction Calibration Report

Serial-Model: 1010-C
Surface Cal Performed: Tue Feb 27 11:13:18 2007
Downhole Cal Performed: Sat Mar 22 04:24:39 2008
After Survey Verification Performed: Sat Mar 22 04:24:39 2008

Surface Calibration

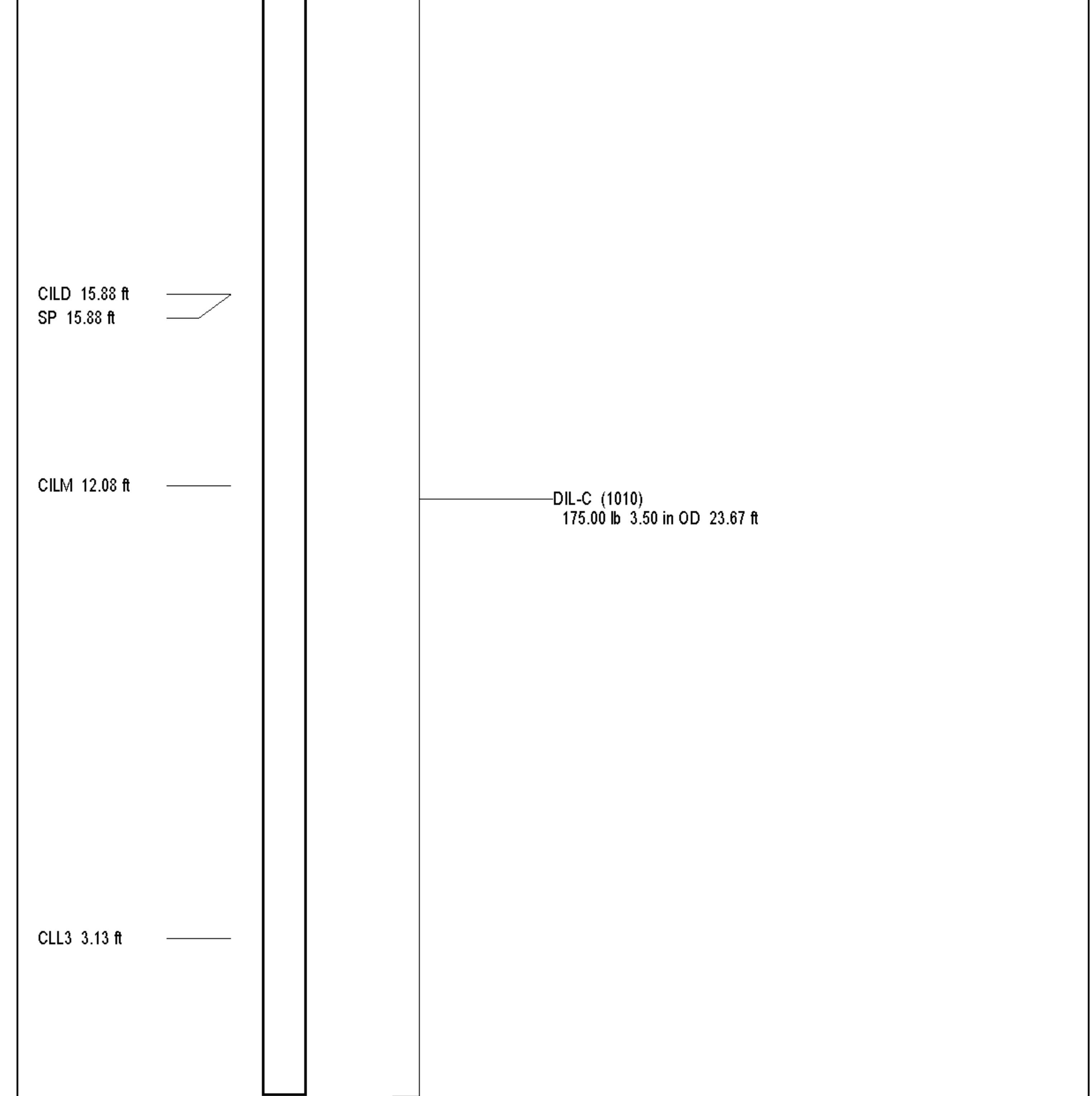
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.005	0.647	V	0.000	400.000	mmho-m	613.288	3.301
Medium	0.010	0.714	V	0.000	464.000	mmho-m	658.369	-6.281
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.009	0.641	V	8.610	397.880	mmho-m	615.374	3.164
Medium	0.007	0.710	V	-1.120	462.890	mmho-m	659.667	-5.714

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	7.659	399.307	mmho-m	8.729	396.680	mmho-m	0.991	1.143
Medium	-2.339	468.927	mmho-m	-1.696	461.400	mmho-m	0.983	0.602
Shallow	0.029	0.392		3.000	88.900	mmho-m	236.543	-3.923

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho-m	7.659	399.307	mmho-m	0.991	1.143
Medium	0.000	0.000	mmho-m	-2.339	468.927	mmho-m	0.983	0.602
Shallow	0.000	0.000	mmho-m	3.000	88.900	mmho-m	1.000	0.000



Dataset: run1/pass4
Total Length: 23.67 ft
Total Weight: 175.00 lb
O.D. 3.50 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE
State FL

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE State FL
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services	SEE COMMENTS
Permanent Datum	Elevation
Log Measured From	Elevation K.B. D.F. G.L.
Drilling Measured From	

Date	24-MAR-2008	
Run Number	TWO	
Depth Driller	224'	
Depth Logger	224'	
Bottom Logged Interval	224'	
Top Log Interval	SURFACE	
Open Hole Size	64"	
Type Fluid	MUD	
Density / Viscosity	NA	
Max. Recorded Temp.	NA	
Estimated Cement Top	NA	
Time Well Ready	1745	
Time Logger on Bottom	0000	
Equipment Number	103	
Location	FT MYERS	
Recorded By	FULLER	
Witnessed By	M BLACK	

Borehole Record

Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'				
TWO	64"	SURFACE	224'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String				
Liner				

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Comments

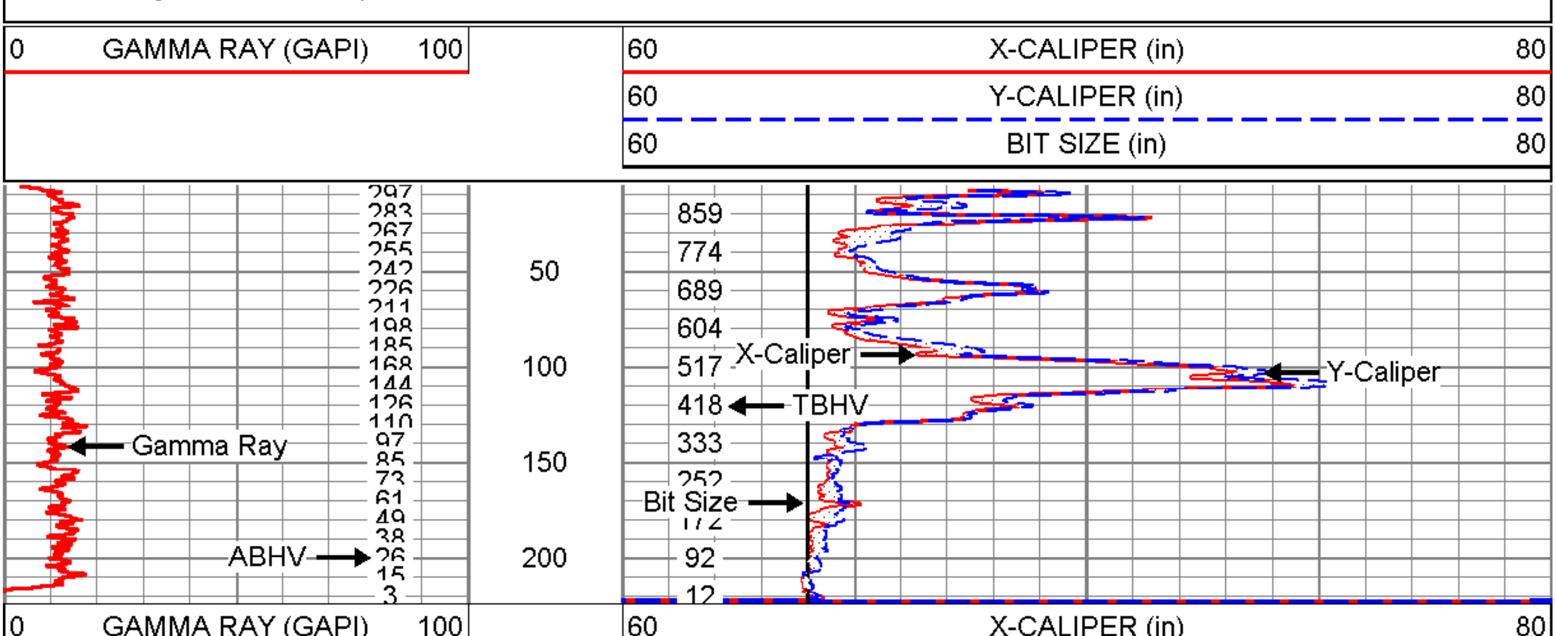
ANNULAR BOREHOLE VOLUME
CALCULATED IN BARRELS
FOR 54" CASING

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run2/pass3
Presentation Format: GRXY-AHV
Dataset Creation: Mon Mar 24 17:59:22 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:1200

0 GAMMA RAY (GAPI) 100		60 X-CALIPER (in) 80
		60 Y-CALIPER (in) 80
		60 BIT SIZE (in) 80



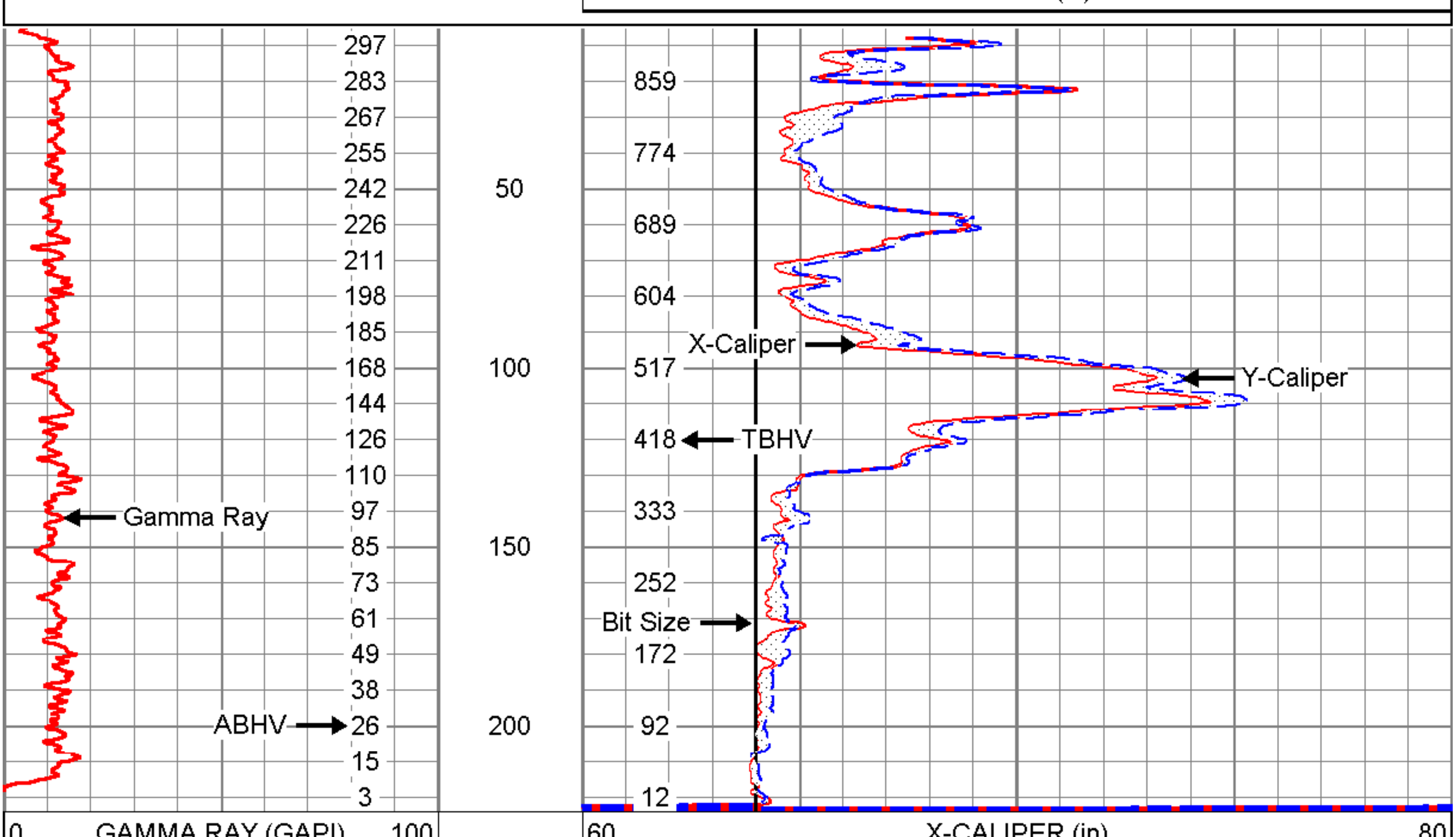
0 GAMMA RAY (GAPI) 100		60 X-CALIPER (in) 80
		60 Y-CALIPER (in) 80
		60 BIT SIZE (in) 80

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run2/pass3
Presentation Format: GRXY-AHV
Dataset Creation: Mon Mar 24 17:59:22 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600

0 GAMMA RAY (GAPI) 100		60 X-CALIPER (in) 80
		60 Y-CALIPER (in) 80
		60 BIT SIZE (in) 80



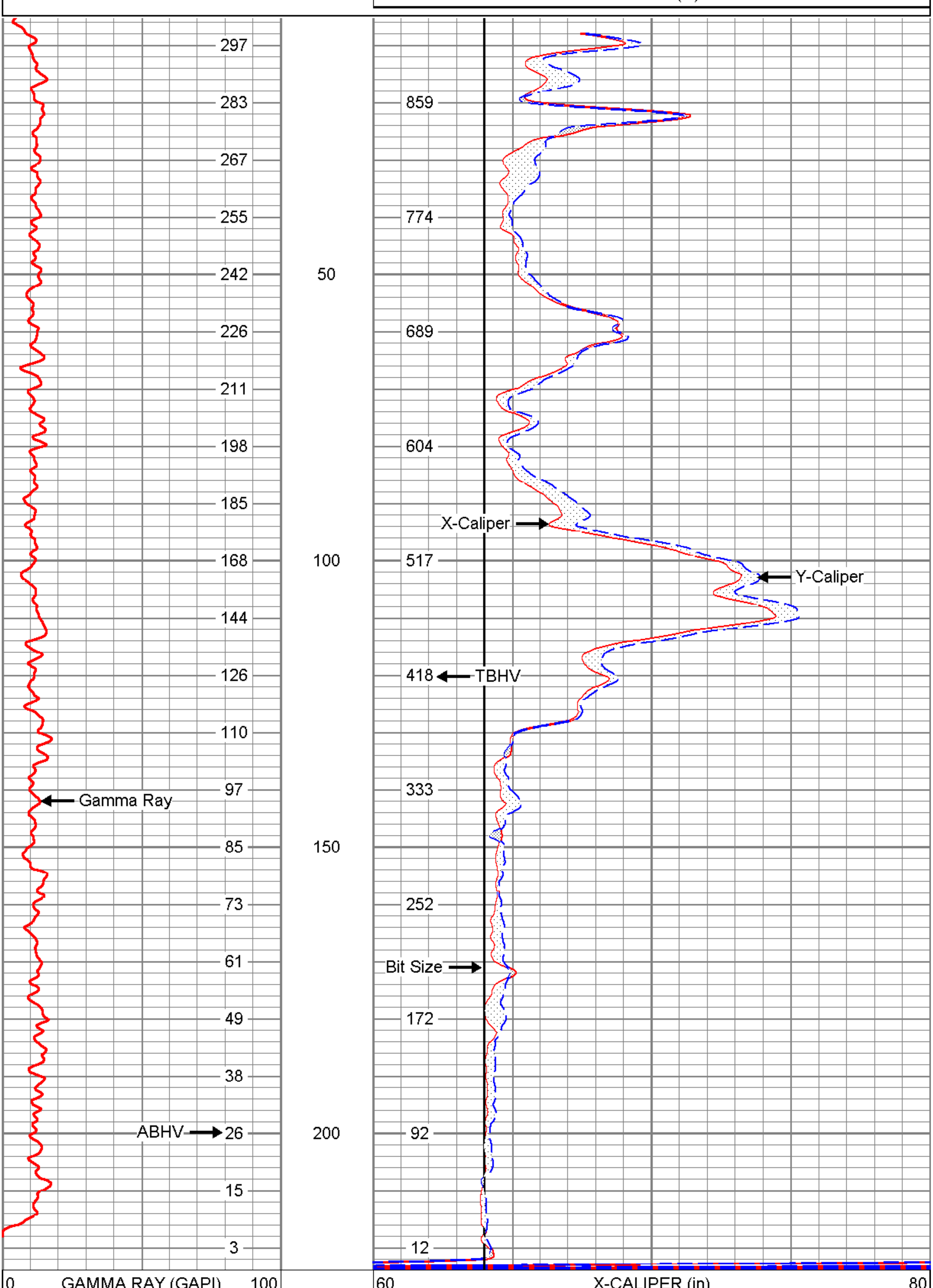
0 GAMMA RAY (GAPI) 100		60 X-CALIPER (in) 80
		60 Y-CALIPER (in) 80
		60 BIT SIZE (in) 80

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run2/pass3
Presentation Format: GRXY-AHV
Dataset Creation: Mon Mar 24 17:59:22 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 100		60 X-CALIPER (in) 80
		60 Y-CALIPER (in) 80
		60 BIT SIZE (in) 80



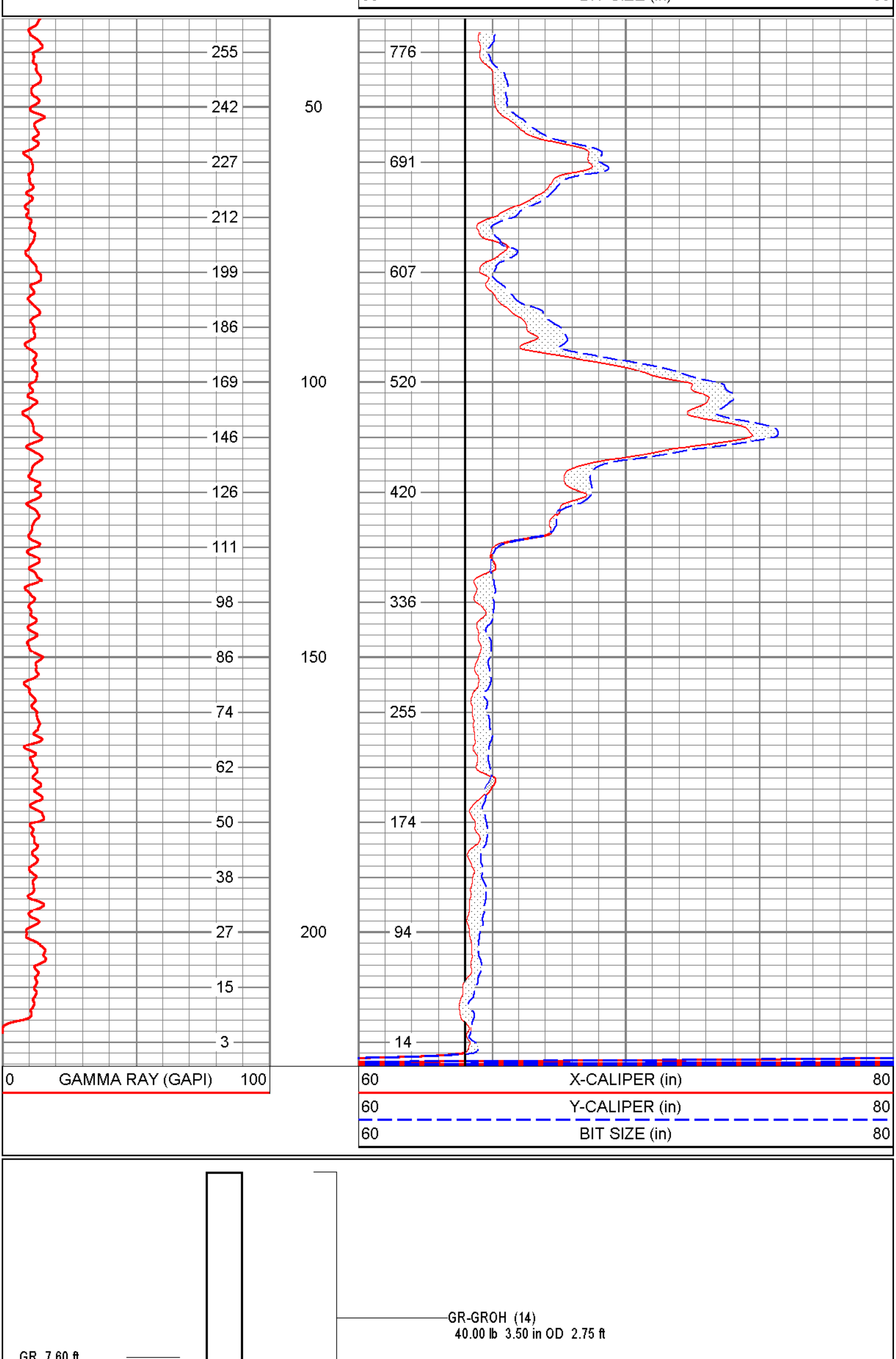
0 GAMMA RAY (GAPI) 100		60 X-CALIPER (in) 80
		60 Y-CALIPER (in) 80
		60 BIT SIZE (in) 80

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

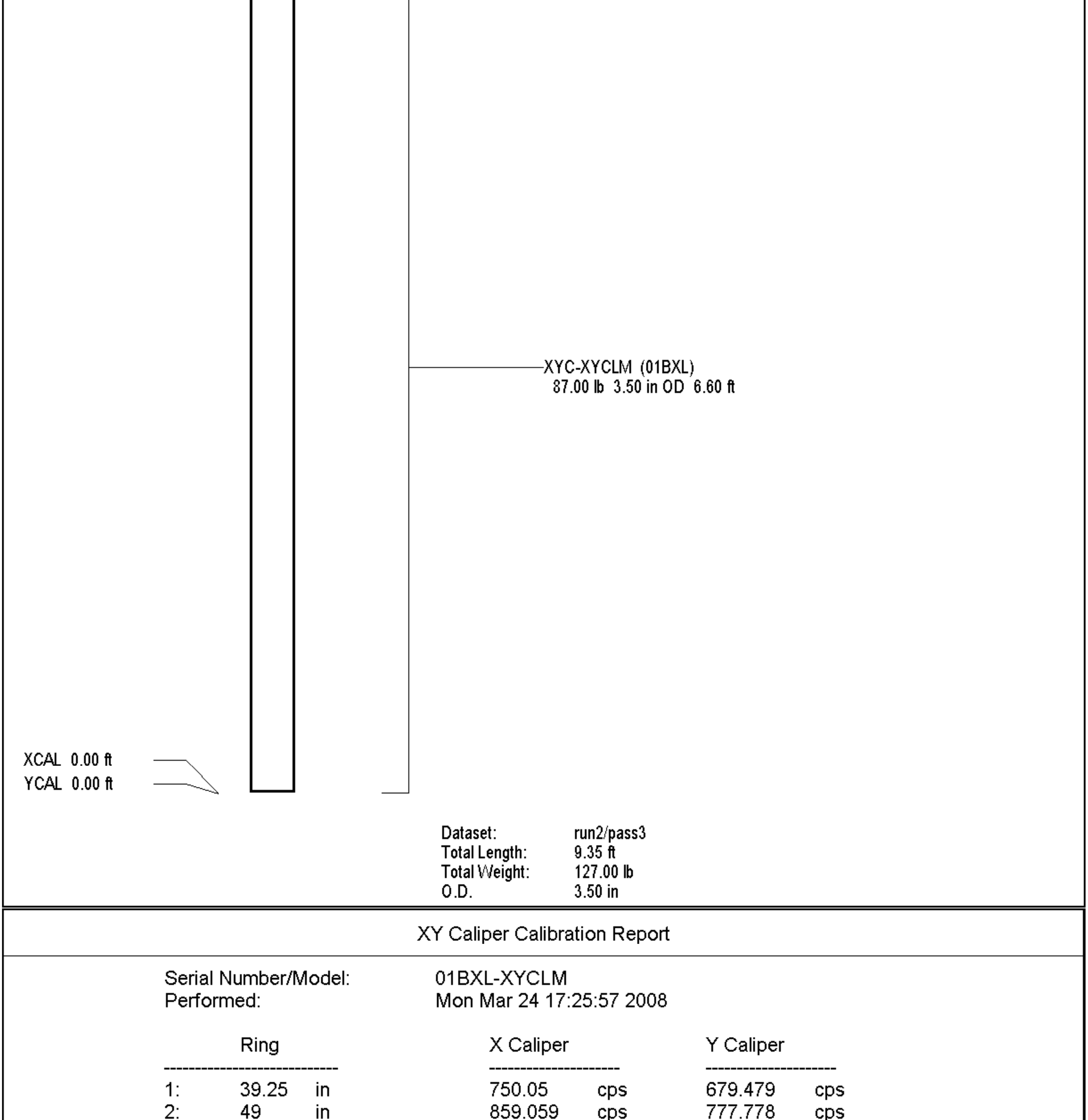
REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: run2/pass2
Presentation Format: GRXY-AHV
Dataset Creation: Mon Mar 24 17:48:38 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 100		60 X-CALIPER (in) 80
		60 Y-CALIPER (in) 80
		60 BIT SIZE (in) 80



0 GAMMA RAY (GAPI) 100		60 X-CALIPER (in) 80
		60 Y-CALIPER (in) 80
		60 BIT SIZE (in) 80



Dataset: run2/pass3
Total Length: 9.35 ft
Total Weight: 127.00 lb
O.D. 3.50 in

XY Caliper Calibration Report

Serial Number/Model: 01BXL-XYCLM
Performed: Mon Mar 24 17:25:57 2008

Ring			X Caliper		Y Caliper	
1:	39.25	in	750.05	cps	679.479	cps
2:	49	in	859.059	cps	777.778	cps
3:	59	in	950.45	cps	849.95	cps
4:	78	in	1215.72	cps	1069.27	cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number: 14
Tool Model: GROH
Performed: Sun Feb 24 10:28:48 2008

Calibrator Value: 120 GAPI

Background Reading: 45.4454 cps
Calibrator Reading: 204.505 cps

Sensitivity: 0.754438 GAPI/cps

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL

Location MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL

Other Services SEE COMMENTS

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

Date	27-MAR-2008
Run Number	THREE
Depth Driller	775'
Depth Logger	775'
Bottom Logged Interval	775'
Top Log Interval	SURFACE
Open Hole Size	14.75"
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	1400
Time Logger on Bottom	0000
Equipment Number	103
Location	FT MYERS
Recorded By	MOREY / FULLER
Witnessed By	M BLACK

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'				
TWO	64"	SURFACE	224'				
THREE	14.75"	CASING	775'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String				
Production String				
Liner				

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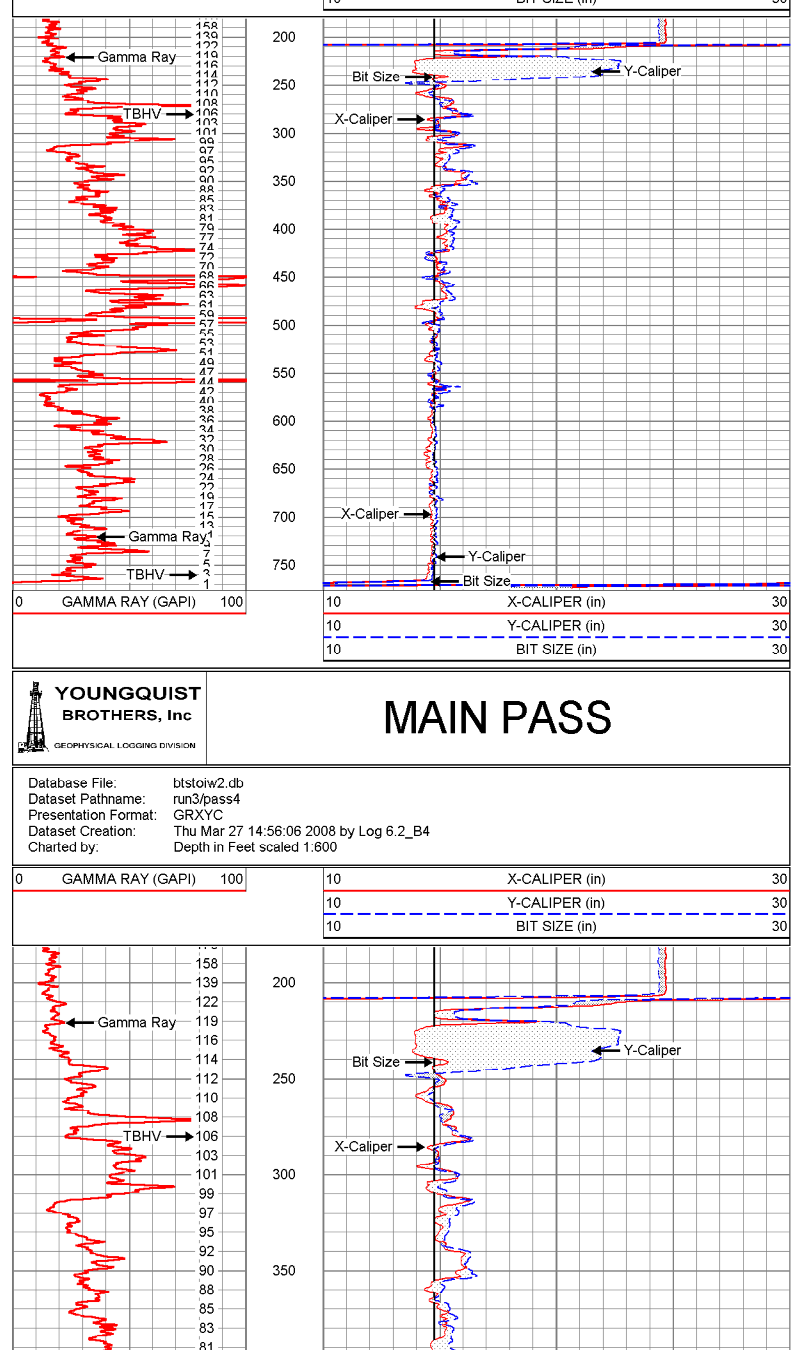
Comments

FLUID CONDUCTIVITY
DUAL INDUCTION

YOUNGQUIST BROTHERS, Inc — GEOPHYSICAL LOGGING DIVISION

MAIN PASS

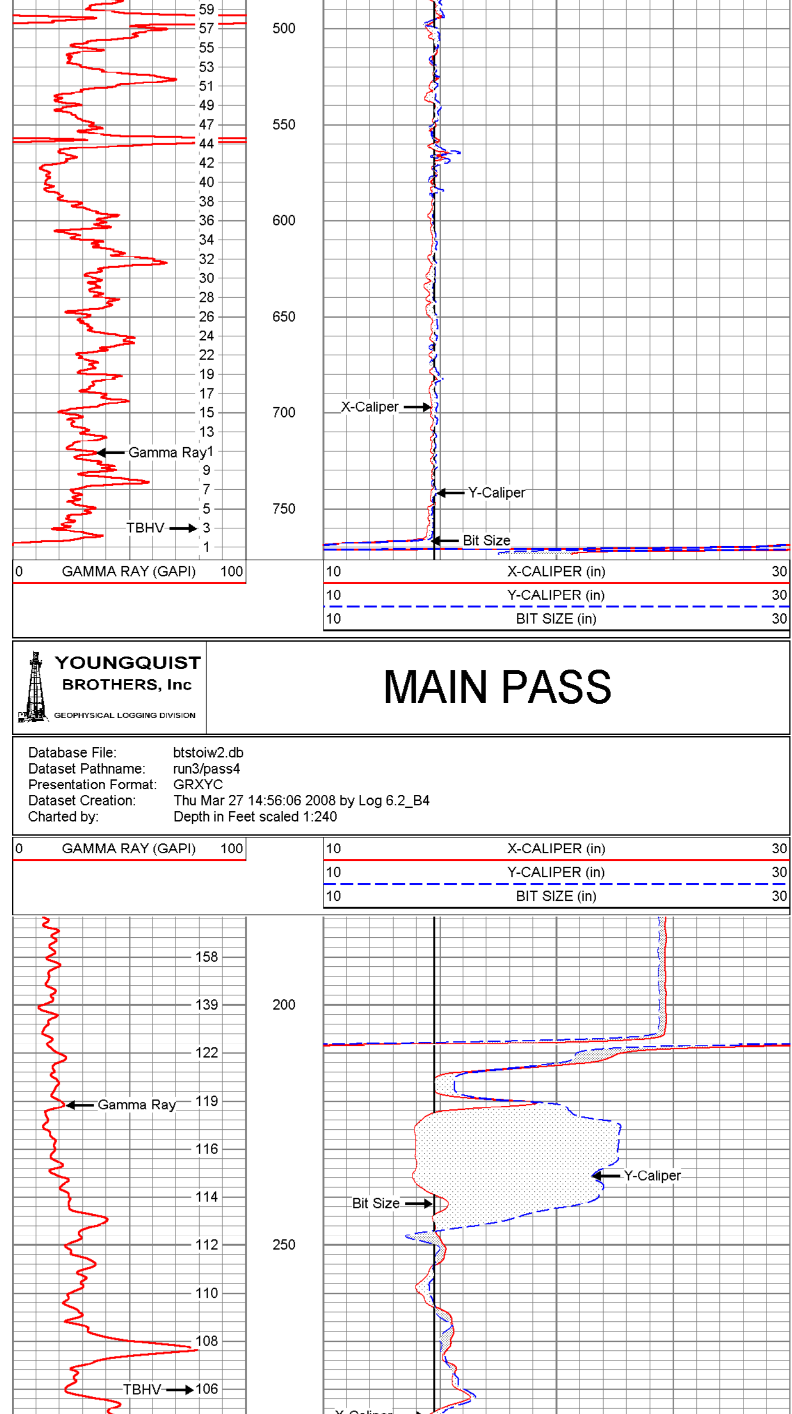
Database File: btstoiw2.db
Dataset Pathname: run3/pass4
Presentation Format: GRXYC
Dataset Creation: Thu Mar 27 14:56:06 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:1200



YOUNGQUIST BROTHERS, Inc — GEOPHYSICAL LOGGING DIVISION

MAIN PASS

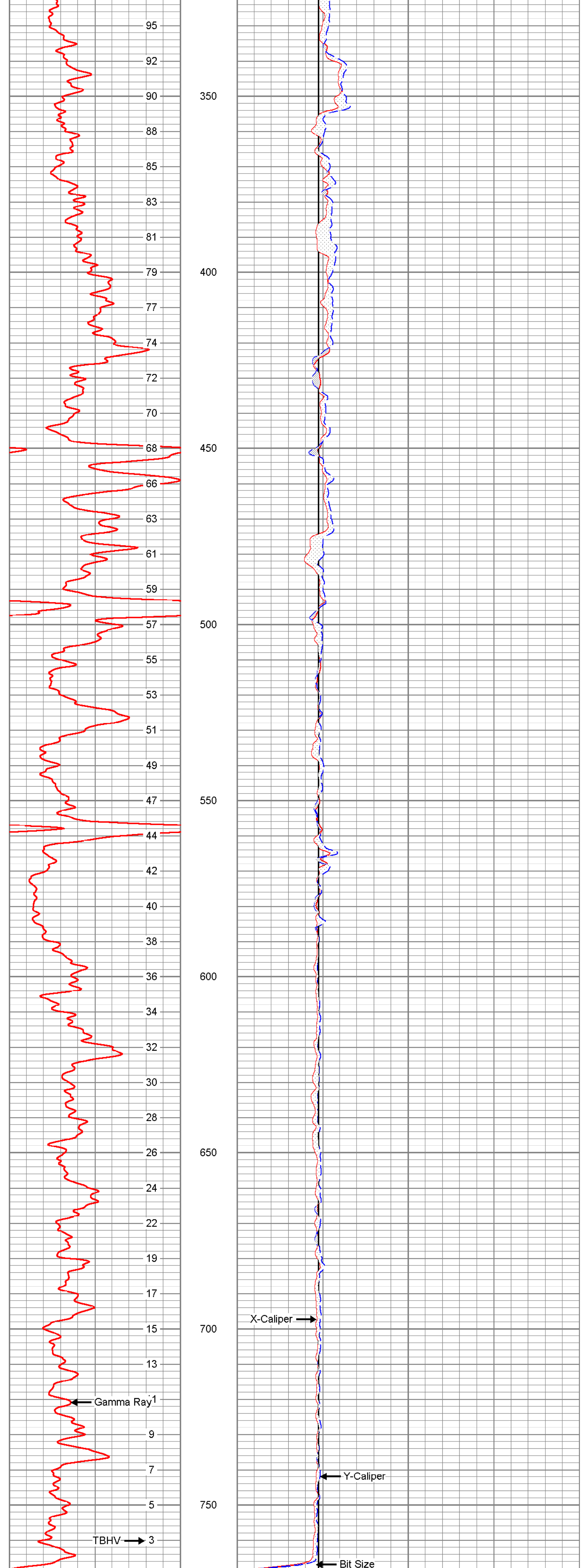
Database File: btstoiw2.db
Dataset Pathname: run3/pass4
Presentation Format: GRXYC
Dataset Creation: Thu Mar 27 14:56:06 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600



YOUNGQUIST BROTHERS, Inc — GEOPHYSICAL LOGGING DIVISION

MAIN PASS

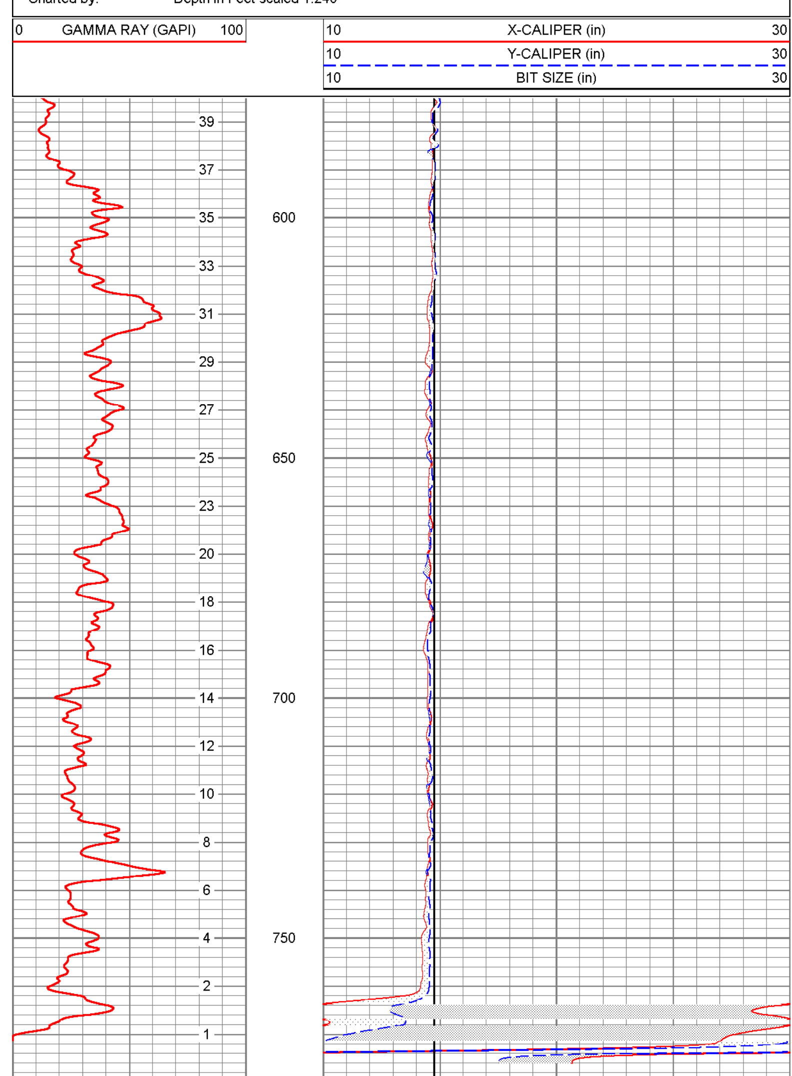
Database File: btstoiw2.db
Dataset Pathname: run3/pass4
Presentation Format: GRXYC
Dataset Creation: Thu Mar 27 14:56:06 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



YOUNGQUIST BROTHERS, Inc — GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: run3/pass3
Presentation Format: GRXYC
Dataset Creation: Thu Mar 27 14:44:32 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



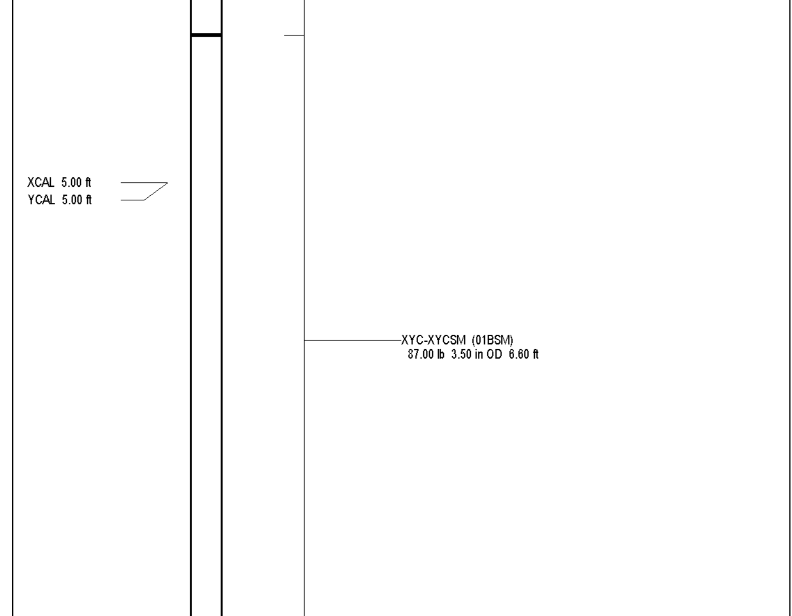
XY Caliper Calibration Report

Serial Number/Model: 01BSM:XYCSM
Performed: Thu Mar 27 10:44:20 2008

Ring			X Caliper		Y Caliper	
1:	5.81	in	430.33	cps	402.002	cps
2:	13.4	in	560.06	cps	509.81	cps
3:	39.25	in	1125.93	cps	993.093	cps
4:		in		cps		cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	14	
Tool Model:	GROH	
Performed:	Sun Feb 24 10:28:48 2008	
Calibrator Value:	120	GAPI
Background Reading:	45.4454	cps
Calibrator Reading:	204.505	cps
Sensitivity:	0.754438	GAPI/cps



Dataset: run3/pass4
Total Length: 9.35 ft
Total Weight: 127.00 lb
O.D. 3.50 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

DUAL INDUCTION LL3 with SP LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL
Location MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services SEE COMMENTS

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

Date	27-MAR-2008	
Run Number	THREE	
Depth Driller	775'	
Depth Logger	775'	
Bottom Logged Interval	775'	
Top Log Interval	SURFACE	
Open Hole Size	14.75"	
Type Fluid	MUD	
Density / Viscosity	NA	
Max. Recorded Temp.	NA	
Estimated Cement Top	NA	
Time Well Ready	1400	
Time Logger on Bottom	0000	
Equipment Number	103	
Location	FT MYERS	
Recorded By	MOREY	FULLER
Witnessed By	M BLACK	

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'				
TWO	64"	SURFACE	224'				
THREE	14.75"	CASING	775'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String				
Production String				
Liner				

<<< Fold Here >>>

Comments

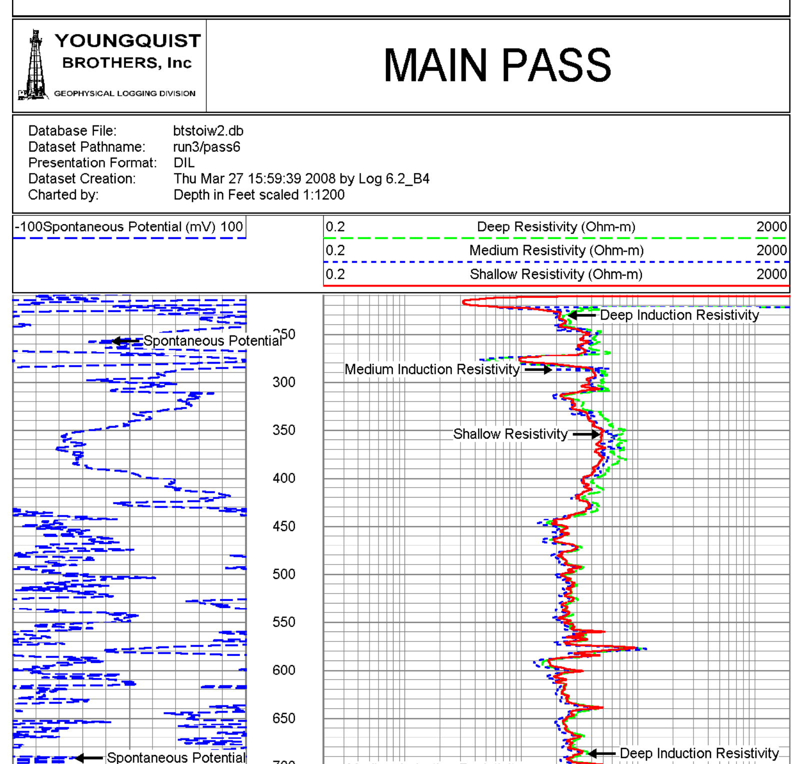
FLUID CONDUCTIVITY
X-Y CALIPER

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	btstoiw2.db
Dataset Pathname:	run3/pass6
Presentation Format:	DIL
Dataset Creation:	Thu Mar 27 15:59:39 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:1200

-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000



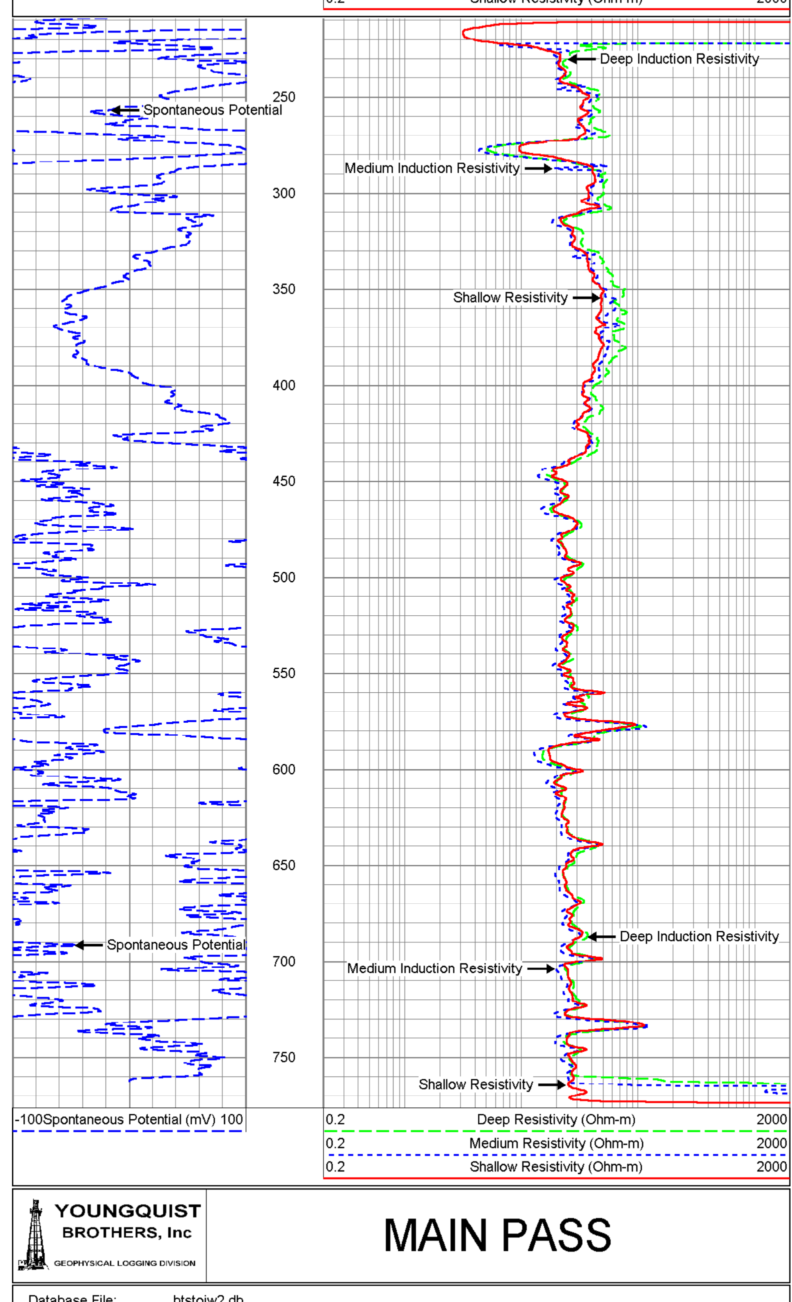
-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	btstoiw2.db
Dataset Pathname:	run3/pass6
Presentation Format:	DIL
Dataset Creation:	Thu Mar 27 15:59:39 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:600

-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000



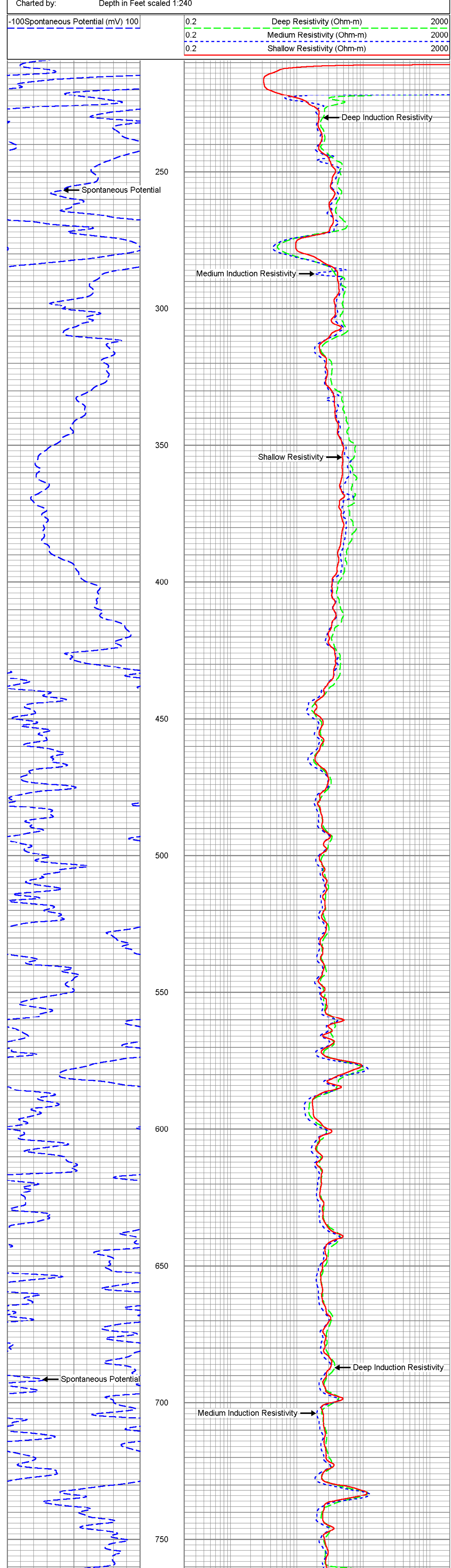
-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	btstoiw2.db
Dataset Pathname:	run3/pass6
Presentation Format:	DIL
Dataset Creation:	Thu Mar 27 15:59:39 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000



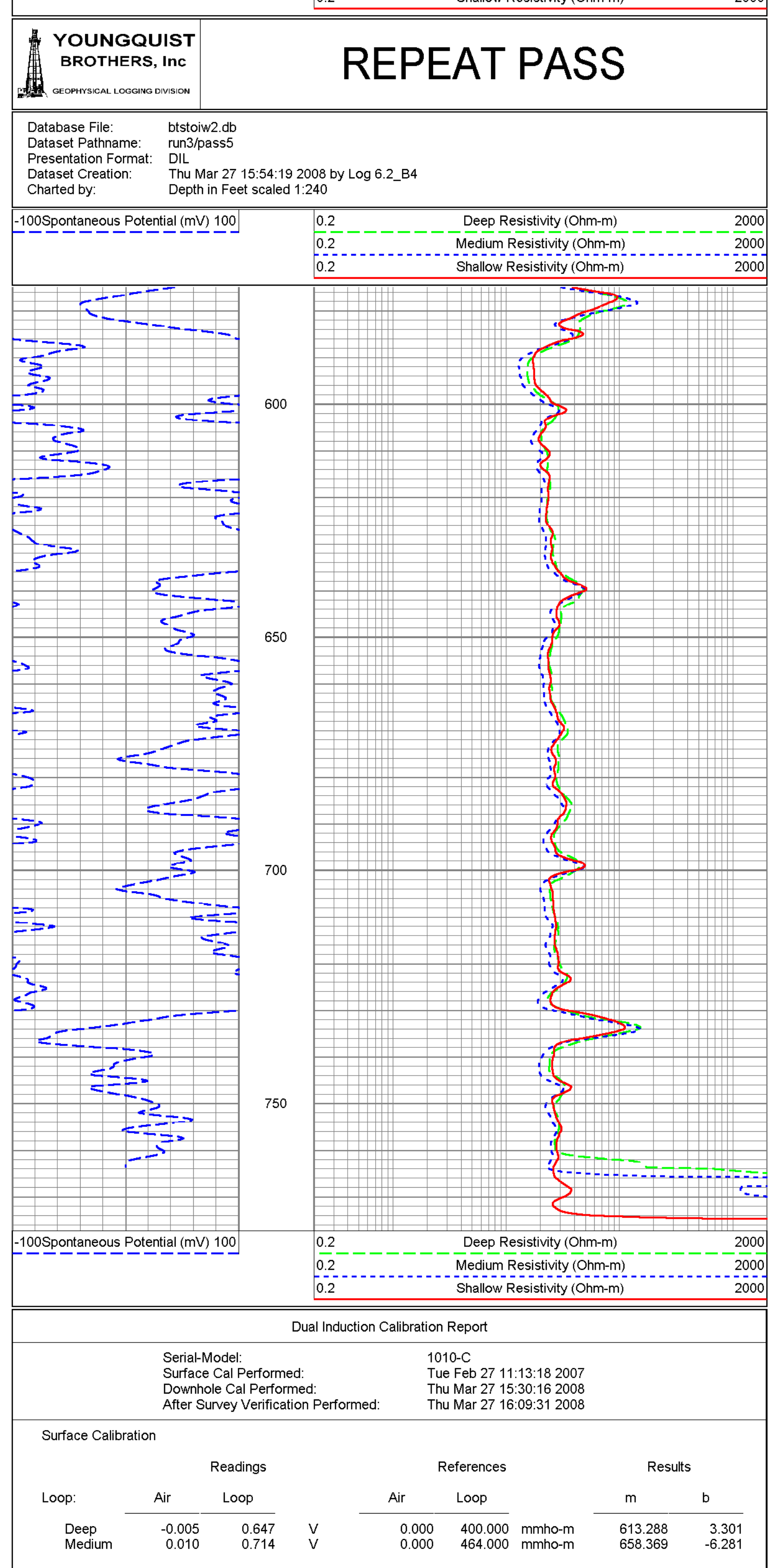
-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File:	btstoiw2.db
Dataset Pathname:	run3/pass5
Presentation Format:	DIL
Dataset Creation:	Thu Mar 27 15:54:19 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000



-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

Dual Induction Calibration Report

Serial-Model:	1010-C
Surface Cal Performed:	Tue Feb 27 11:13:18 2007
Downhole Cal Performed:	Thu Mar 27 15:30:16 2008
After Survey Verification Performed:	Thu Mar 27 16:09:31 2008

Surface Calibration

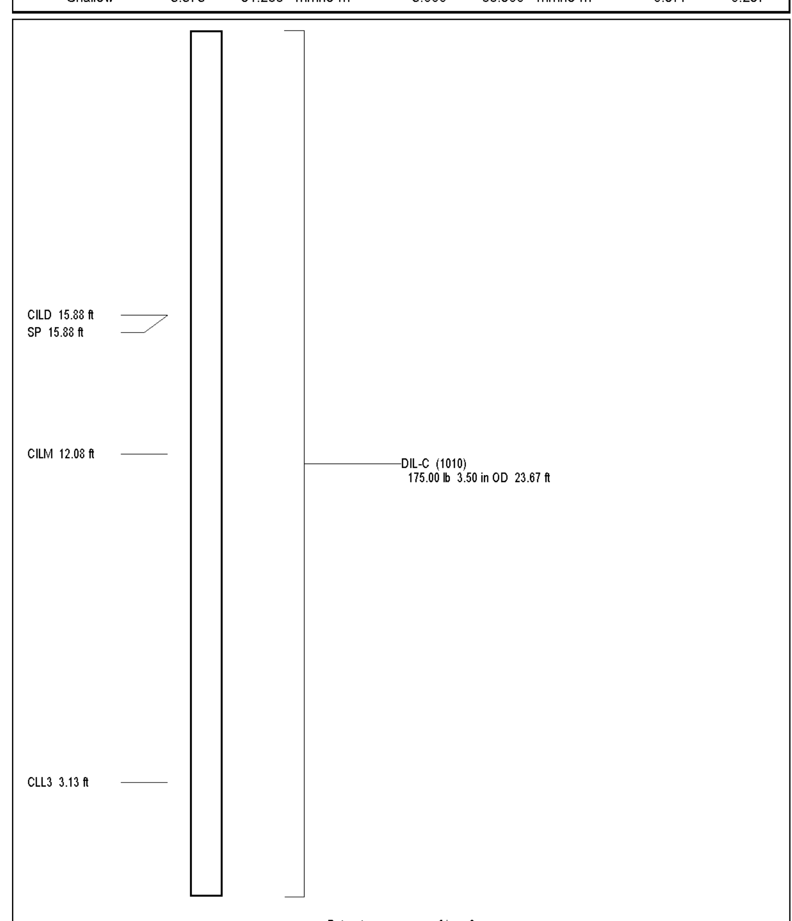
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.005	0.647	V	0.000	400.000	mmho-m	613.288	3.301
Medium	0.010	0.714	V	0.000	464.000	mmho-m	658.369	-6.281
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.009	0.641	V	8.610	397.880	mmho-m	615.374	3.164
Medium	0.007	0.710	V	-1.120	462.890	mmho-m	659.667	-5.714

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	8.141	401.014	mmho-m	8.729	396.680	mmho-m	0.987	0.690
Medium	-2.234	466.267	mmho-m	-1.696	461.400	mmho-m	0.988	0.513
Shallow	0.032	0.393		3.000	88.900	mmho-m	237.863	-4.516

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	8.078	401.403	mmho-m	8.141	401.014	mmho-m	0.987	0.690
Medium	-2.351	465.986	mmho-m	-2.234	466.267	mmho-m	0.988	0.513
Shallow	3.373	91.268	mmho-m	3.000	88.900	mmho-m	0.977	-0.297



Dataset:	run3/pass6
Total Length:	23.67 ft
Total Weight:	175.00 lb
O.D.	3.50 in

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION		**FLUID CONDUCTIVITY TEMPERATURE LOG**		
Company	CHARLOTTE COUNTY UTILITIES			
Well	IW-2			
Field	BURNT STORE WWTP			
County	CHARLOTTE	State	FL	
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL		Other Services	SEE COMMENTS
Permanent Datum		Elevation	Elevation	K.B.
Log Measured From				D.F.
Drilling Measured From				G.L.

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE
State FL

Date	27-MAR-2008		
Run Number	THREE		
Depth Driller	775'		
Depth Logger	775'		
Bottom Logged Interval	775'		
Top Log Interval	SURFACE		
Open Hole Size	14.75"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	1400		
Time Logger on Bottom	0000		
Equipment Number	103		
Location	FT MYERS		
Recorded By	MOREY	FULLER	
Witnessed By	M BLACK		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'				
TWO	64"	SURFACE	224'				
THREE	14.75"	CASING	775'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String				
Production String				
Liner				

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Comments

X-Y CALIPER
DUAL INDUCTION

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FCT

Database File: btstoiw2.db
Dataset Pathname: run3/pass2
Presentation Format: FRTTEMP
Dataset Creation: Thu Mar 27 14:28:28 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

80 TEMPERATURE (degF) 100 | 20 FLUID CONDUCTIVITY (uS) 200000

80 TEMPERATURE (degF) 100 | 20 FLUID CONDUCTIVITY (uS) 200000

FRT Calibration Report

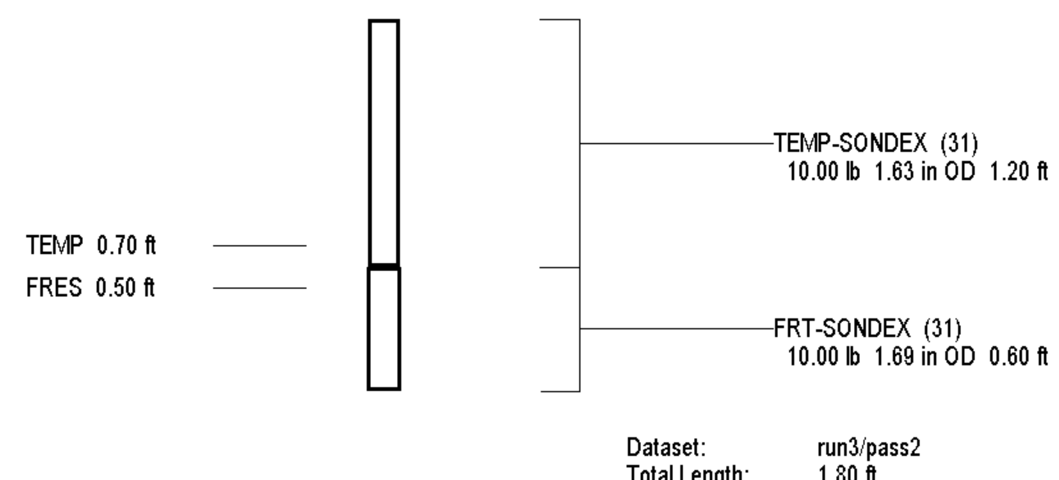
Serial Number: 31
Tool Model: SONDEX
Performed: Wed Jul 12 08:38:31 2006

Point #	Reading		Reference
1	30.817	cps	1000.000
2	171.328	cps	10000.000
3	448.517	cps	25000.000
4	965.867	cps	50000.000
5		cps	
6		cps	

Temperature Calibration Report

Serial Number: 31
Tool Model: SONDEX
Performed: Tue Feb 27 11:21:18 2007

Point #	Reading		Reference	
1	128.595	cps	41	degF
2	265.492	cps	70	degF
3	697.392	cps	156	degF



Dataset: run3/pass2
Total Length: 1.80 ft
Total Weight: 20.00 lb
O.D. 1.69 in

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services	SEE COMMENTS
Permanent Datum	
Log Measured From	
Drilling Measured From	
Elevation	K.B. D.F. G.L.

Date	02-APR-2008	
Run Number	FOUR	
Depth Driller	715'	
Depth Logger	715'	
Bottom Logged Interval	715'	
Top Log Interval	CASING	
Open Hole Size	52"	
Type Fluid	MUD	
Density / Viscosity	NA	
Max. Recorded Temp.	NA	
Estimated Cement Top	NA	
Time Well Ready	ON ARRIVAL	
Time Logger on Bottom	0000	
Equipment Number	102	
Location	FT MYERS	
Recorded By	MOREY	LEE
Witnessed By	M.BLACK	

Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	12.25"	SURFACE	250'				
TWO	64"	SURFACE	224'				
THREE	14.75"	CASING	775'				
FOUR	52"	CASING	715'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Casing String	54"	.375" W.T.	SURFACE	220'
Casing String				
Casing String				
Casing String				

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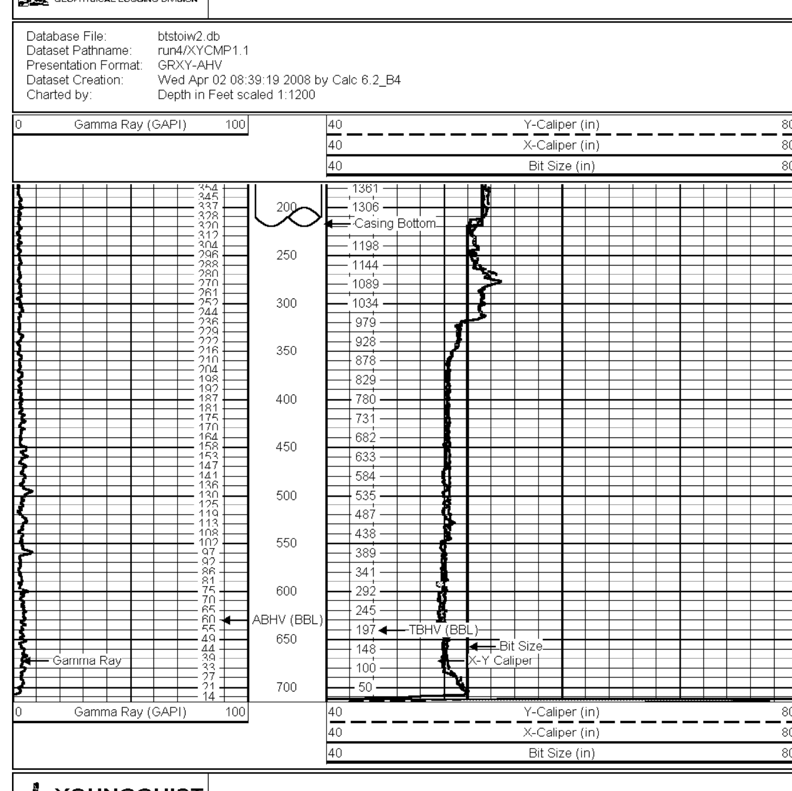
Comments

ABHV COMPUTED WITH 44" CASING (BBLS)

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

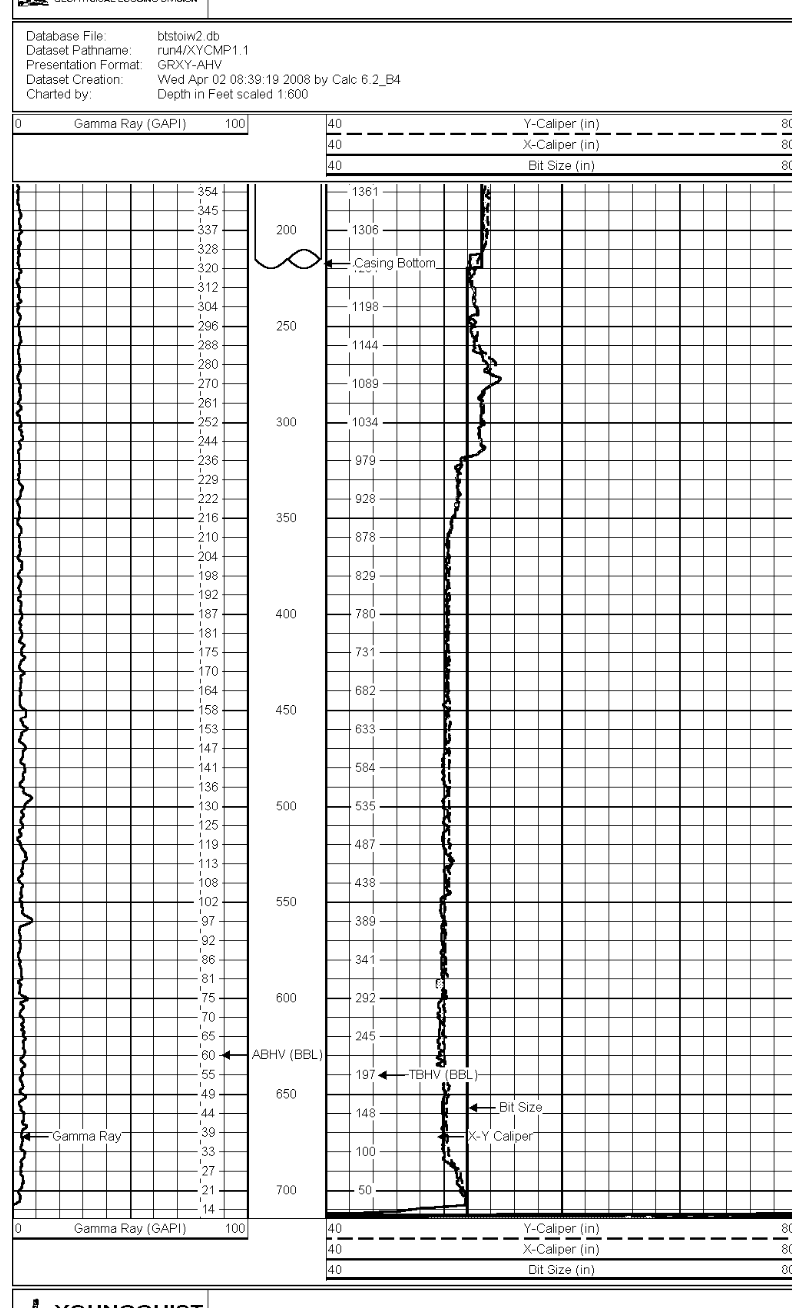
MAIN PASS

Database File:	btstoiw2.db
Dataset Pathname:	run4/XYCMP1.1
Presentation Format:	GRXY-AHV
Dataset Creation:	Wed Apr 02 08:39:19 2008 by Calc 6.2_B4
Charted by:	Depth in Feet scaled 1:1200



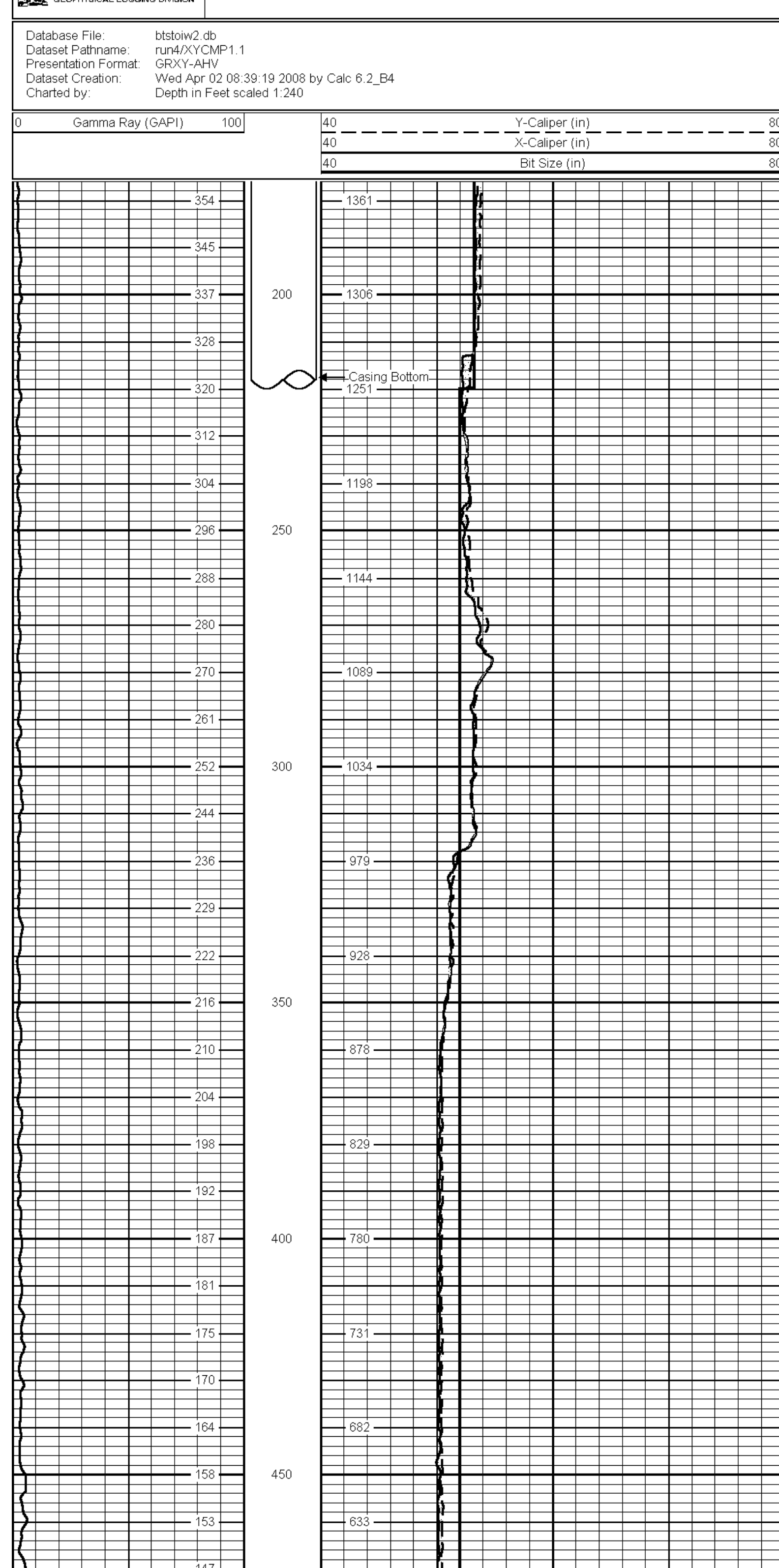
YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS



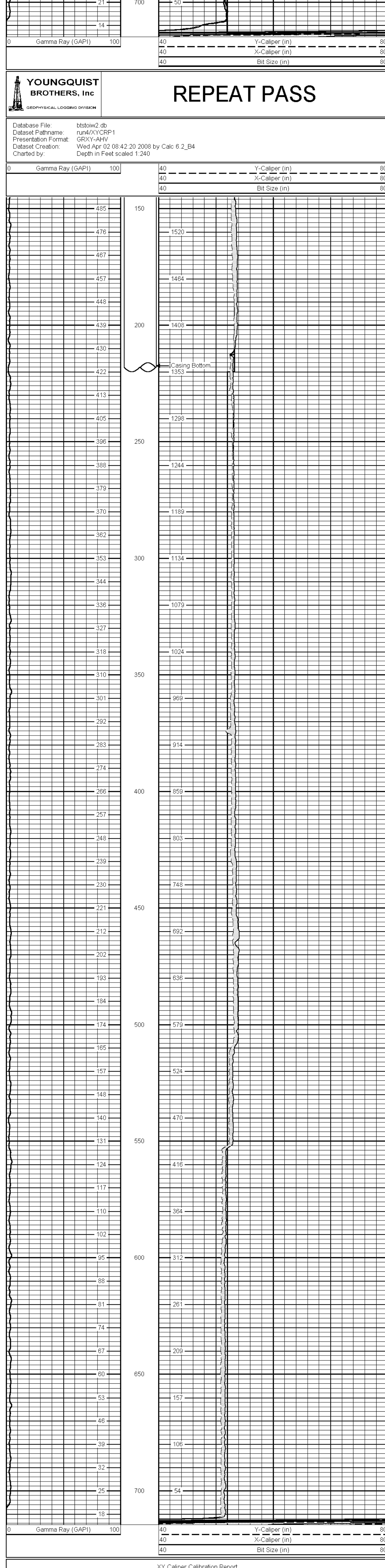
YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

REPEAT PASS



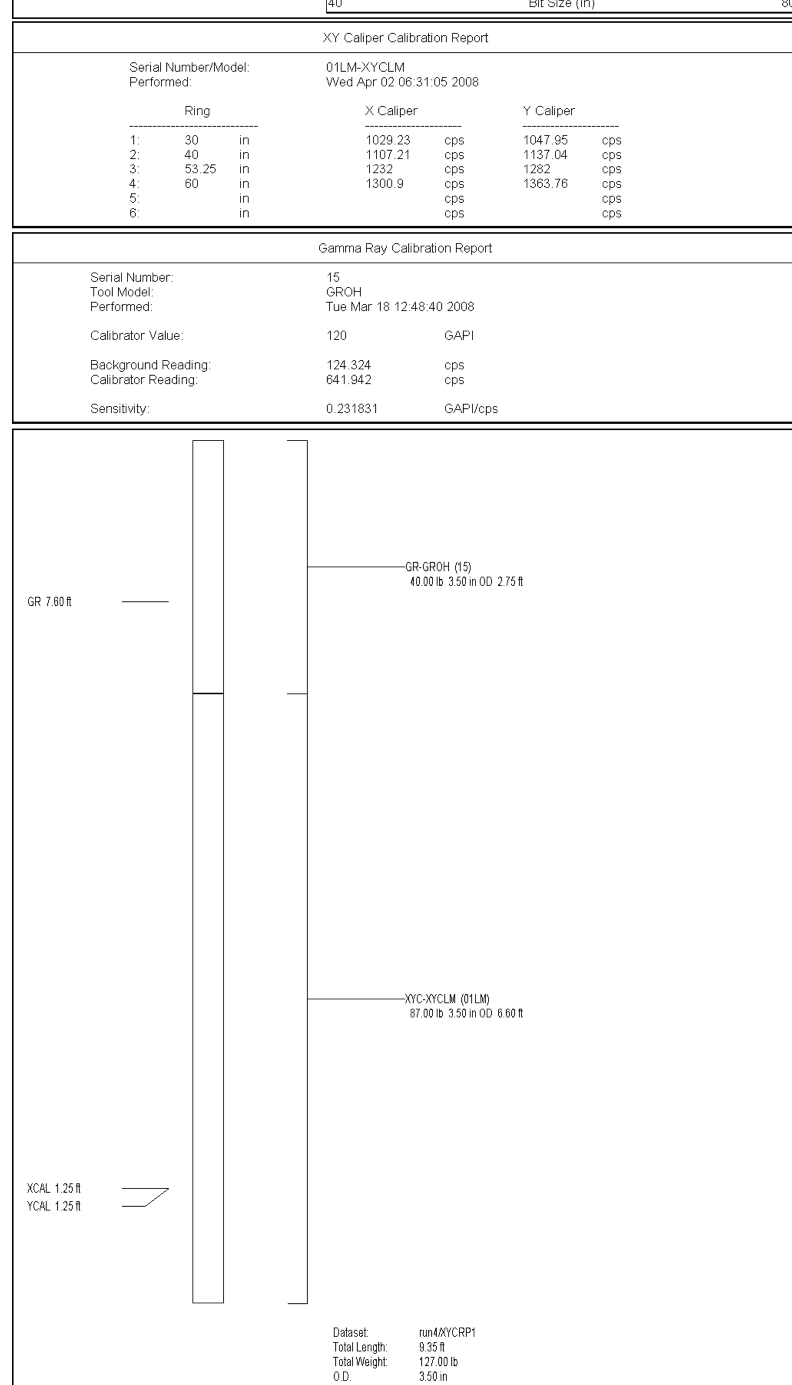
XY Caliper Calibration Report

Serial Number/Model: 01LM-XYCLM
Performed: Wed Apr 02 06:31:05 2008

Ring			X Caliper		Y Caliper	
1:	30	in	1029.23	cps	1047.95	cps
2:	40	in	1107.21	cps	1137.04	cps
3:	53.25	in	1232	cps	1282	cps
4:	60	in	1300.9	cps	1363.76	cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	15	
Tool Model:	GROH	
Performed:	Tue Mar 18 12:48:40 2008	
Calibrator Value:	120	GAPI
Background Reading:	124.324	cps
Calibrator Reading:	641.942	cps
Sensitivity:	0.231831	GAPI/cps



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL
Location
MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL

Other Services: SEE COMMENTS

Permanent Datum — Elevation
Log Measured From
Drilling Measured From

Elevation: K.B. / D.F. / G.L.

Date	07-APR-2008
Run Number	FIVE
Depth Driller	1460'
Depth Logger	1460'
Bottom Logged Interval	1460'
Top Log Interval	CASING
Open Hole Size	12.25"
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	2100
Equipment Number	102
Location	FT MYERS
Recorded By	FULLER / TELLEZ
Witnessed By	M BLACK

Borehole Record

Run Number	Bit	From	To
ONE	12.25"	SURFACE	250'
TWO	64"	SURFACE	224'
THREE	14.75"	CASING	775'
FOUR	52"	CASING	715'

Borehole Record

Run No.	Bit	From	To
FIVE	12.25"	CASING	1460'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String				
Liner				

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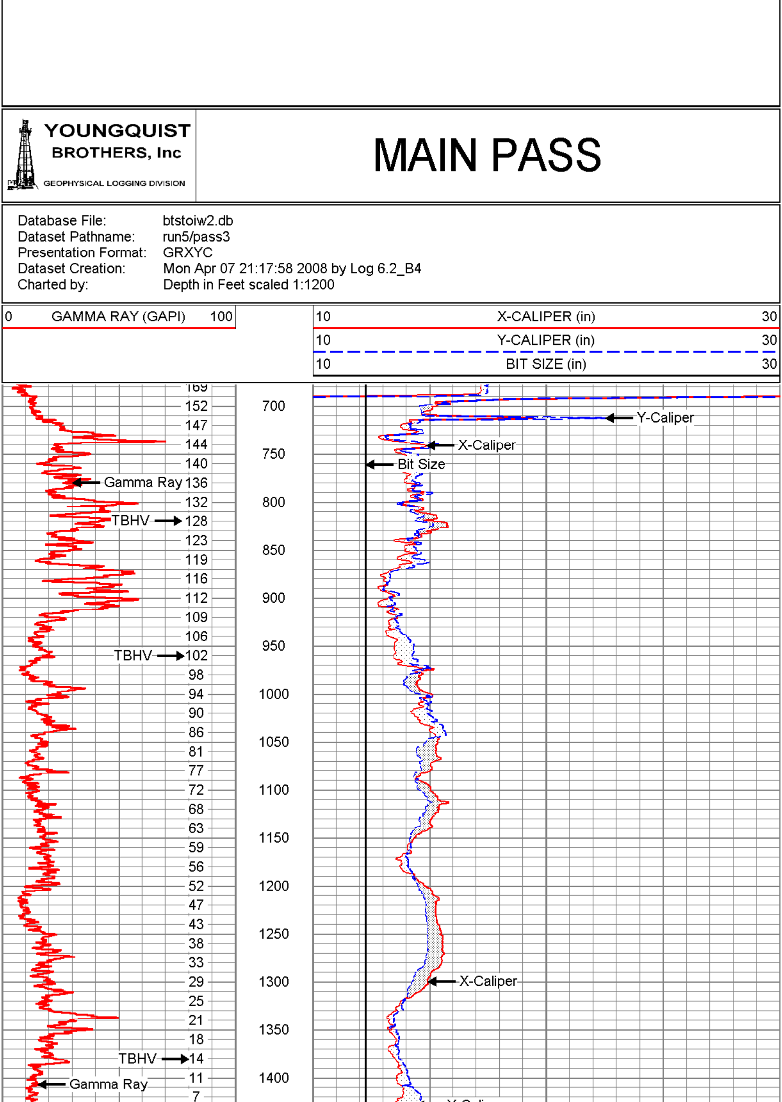
Comments

DUAL INDUCTION
FLUID CONDUCTIVITY/TEMP
BOREHOLE SONIC

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

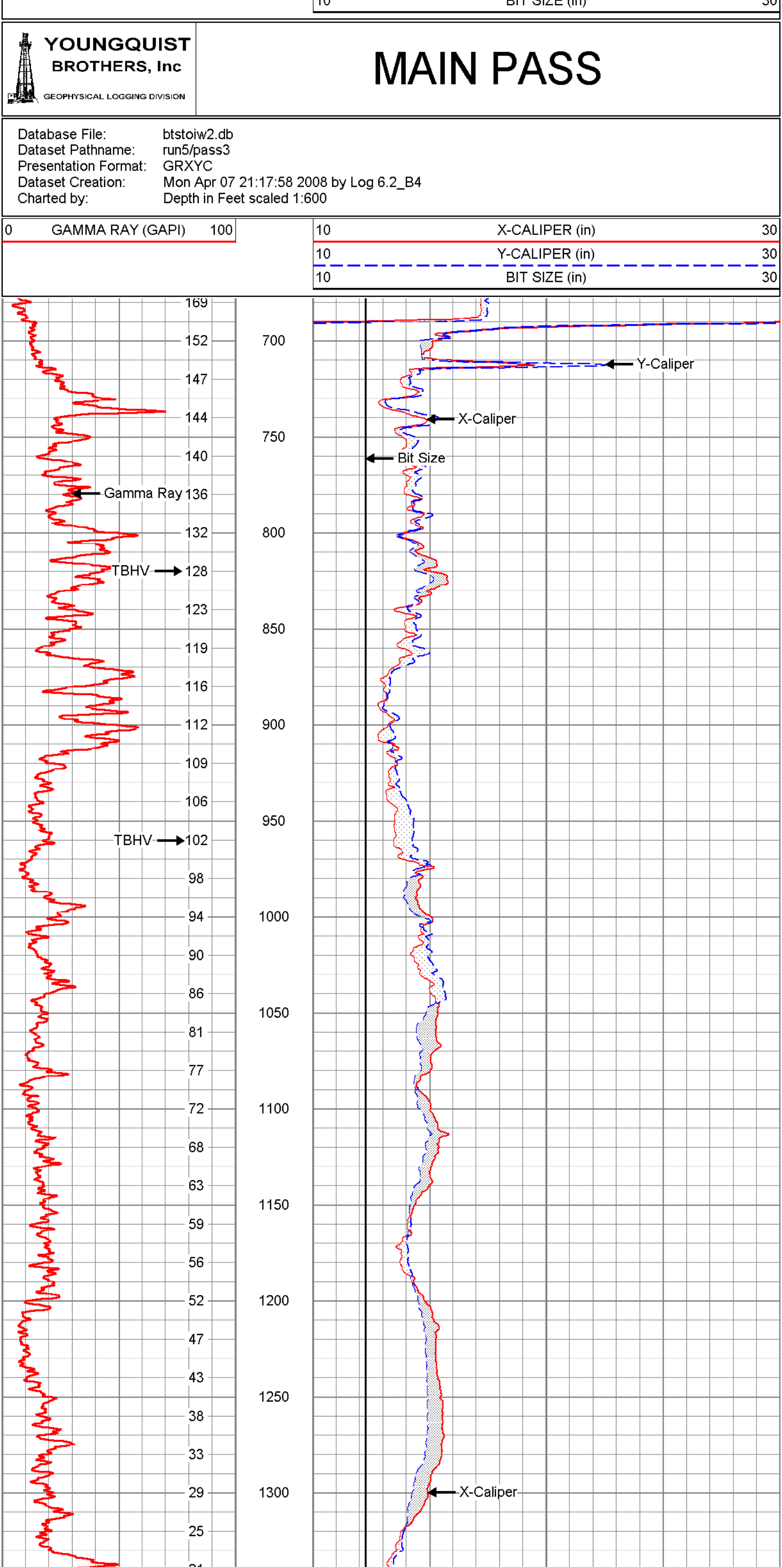
Database File:	btstoiw2.db
Dataset Pathname:	run5/pass3
Presentation Format:	GRXYC
Dataset Creation:	Mon Apr 07 21:17:58 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:1200



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

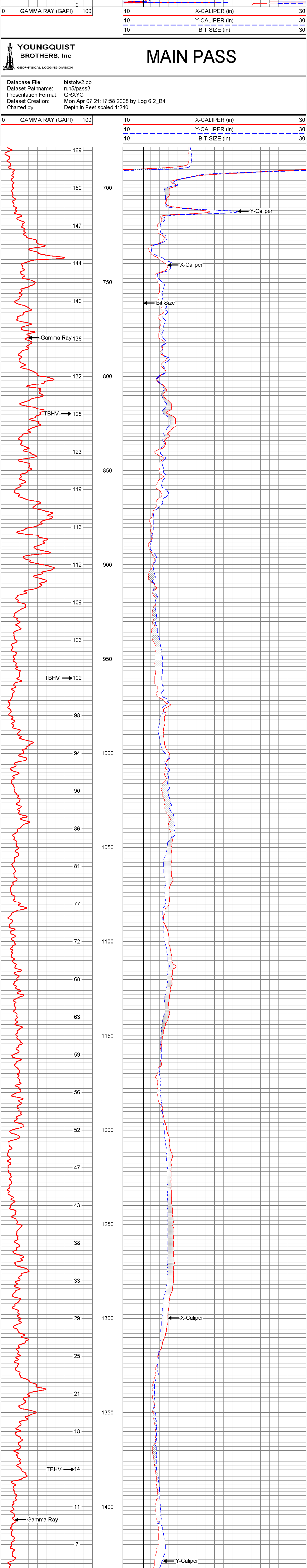
Database File:	btstoiw2.db
Dataset Pathname:	run5/pass3
Presentation Format:	GRXYC
Dataset Creation:	Mon Apr 07 21:17:58 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:600



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

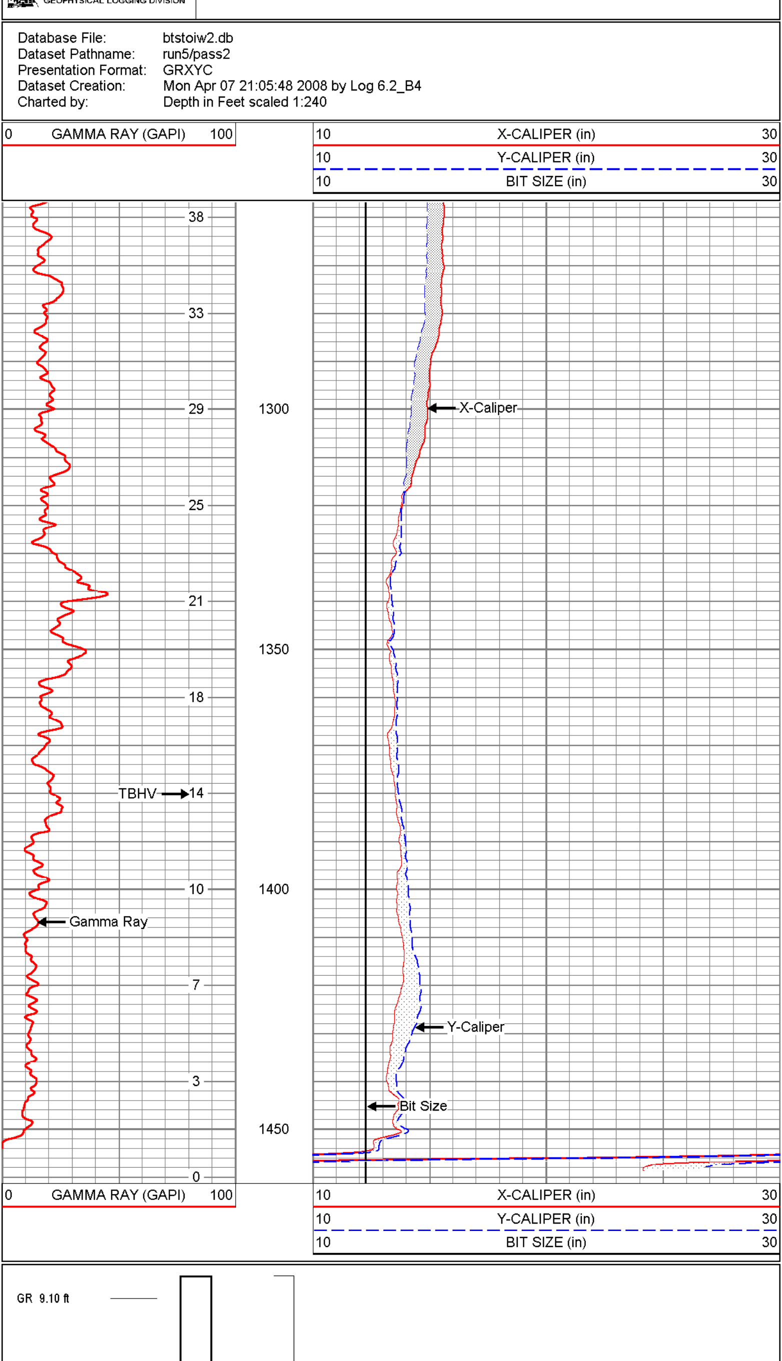
Database File:	btstoiw2.db
Dataset Pathname:	run5/pass3
Presentation Format:	GRXYC
Dataset Creation:	Mon Apr 07 21:17:58 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

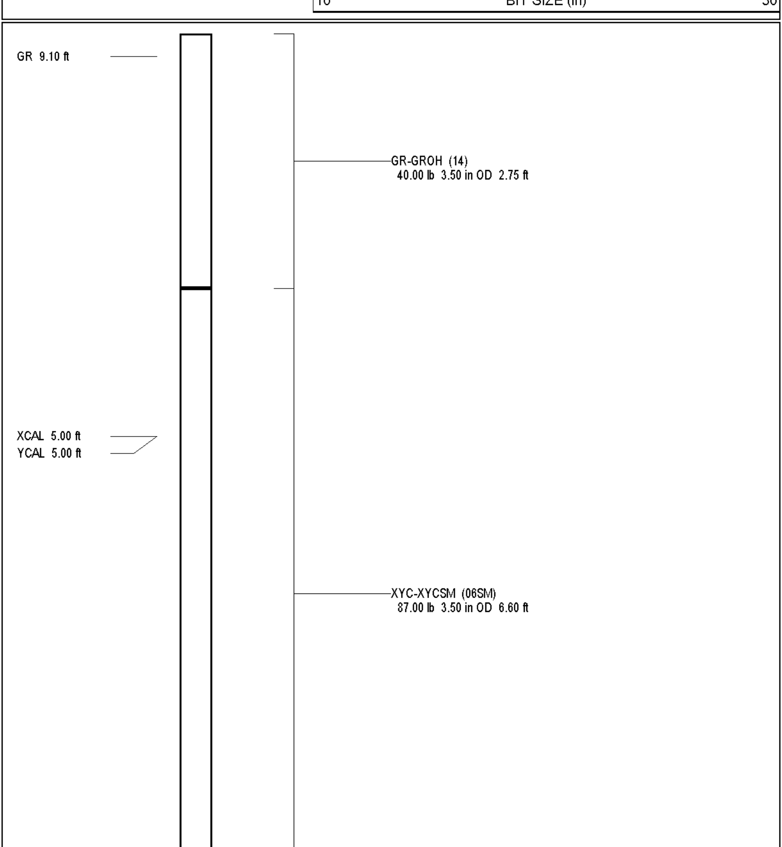


YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File:	btstoiw2.db
Dataset Pathname:	run5/pass2
Presentation Format:	GRXYC
Dataset Creation:	Mon Apr 07 21:05:48 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240





Dataset:	run5/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: Sat Apr 05 00:42:13 2008

Ring			X Caliper		Y Caliper	
1:	5.81	in	315.916	cps	275.876	cps
2:	13.4	in	426.627	cps	385.385	cps
3:	36	in	821.621	cps	778.079	cps
4:		in		cps		cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	14	
Tool Model:	GROH	
Performed:	Sun Feb 24 10:28:48 2008	
Calibrator Value:	120	GAPI
Background Reading:	45.4454	cps
Calibrator Reading:	204.505	cps
Sensitivity:	0.754438	GAPI/cps

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

DUAL INDUCTION LL3 with SP LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company: CHARLOTTE COUNTY UTILITIES
Well: IW-2
Field: BURNT STORE WWTP
County: CHARLOTTE State: FL
Location: MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services: SEE COMMENTS

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

Date	07-APR-2008	
Run Number	FIVE	
Depth Driller	1460'	
Depth Logger	1460'	
Bottom Logged Interval	1460'	
Top Log Interval	CASING	
Open Hole Size	12.25"	
Type Fluid	MUD	
Density / Viscosity	NA	
Max. Recorded Temp.	NA	
Estimated Cement Top	NA	
Time Well Ready	ON ARRIVAL	
Time Logger on Bottom	2100	
Equipment Number	102	
Location	FT MYERS	
Recorded By	FULLER	TELLEZ
Witnessed By	M BLACK	

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'				
THREE	14.75"	CASING	775'				
FOUR	52"	CASING	715'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String				
Liner				

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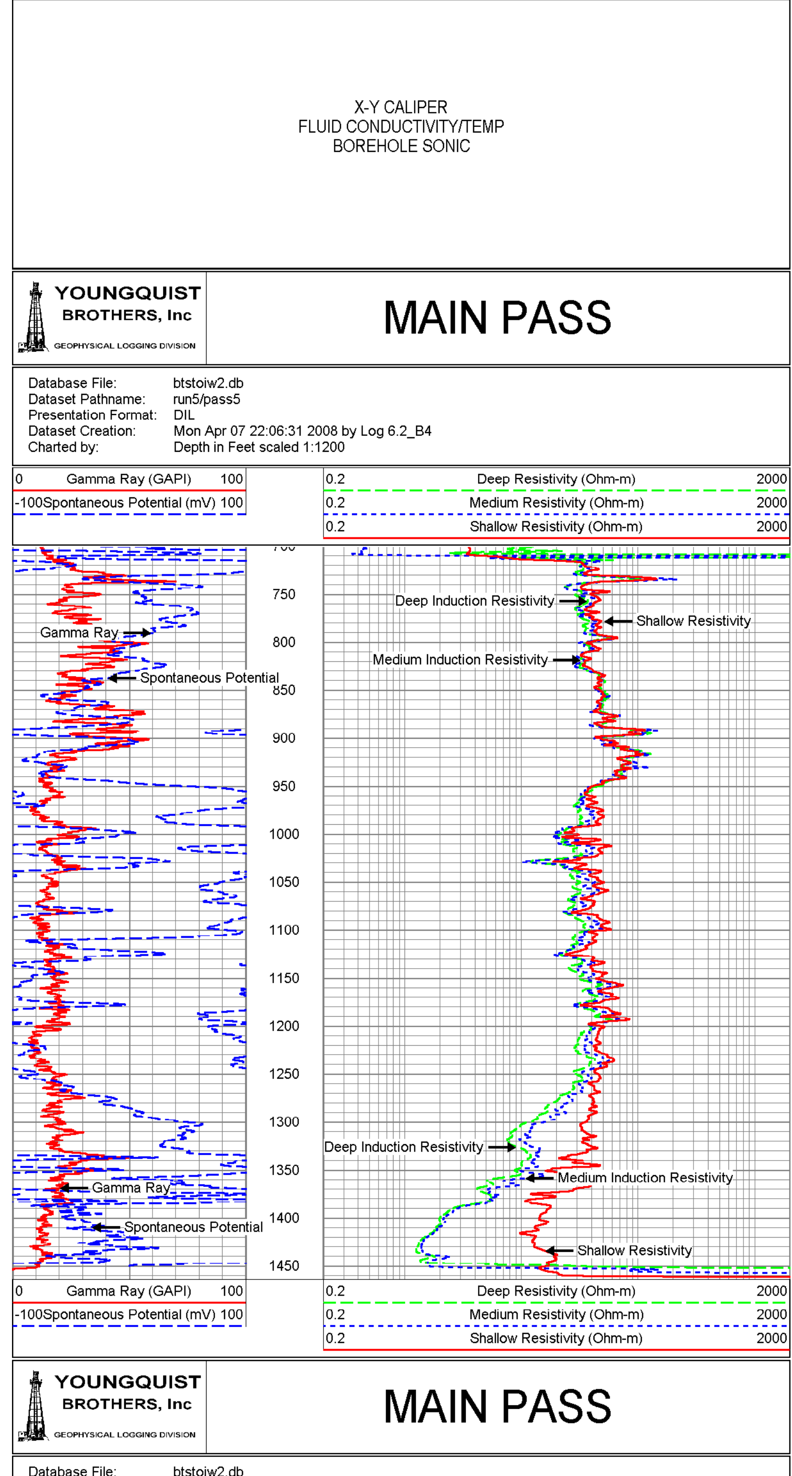
Comments

X-Y CALIPER
FLUID CONDUCTIVITY/TEMP
BOREHOLE SONIC

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

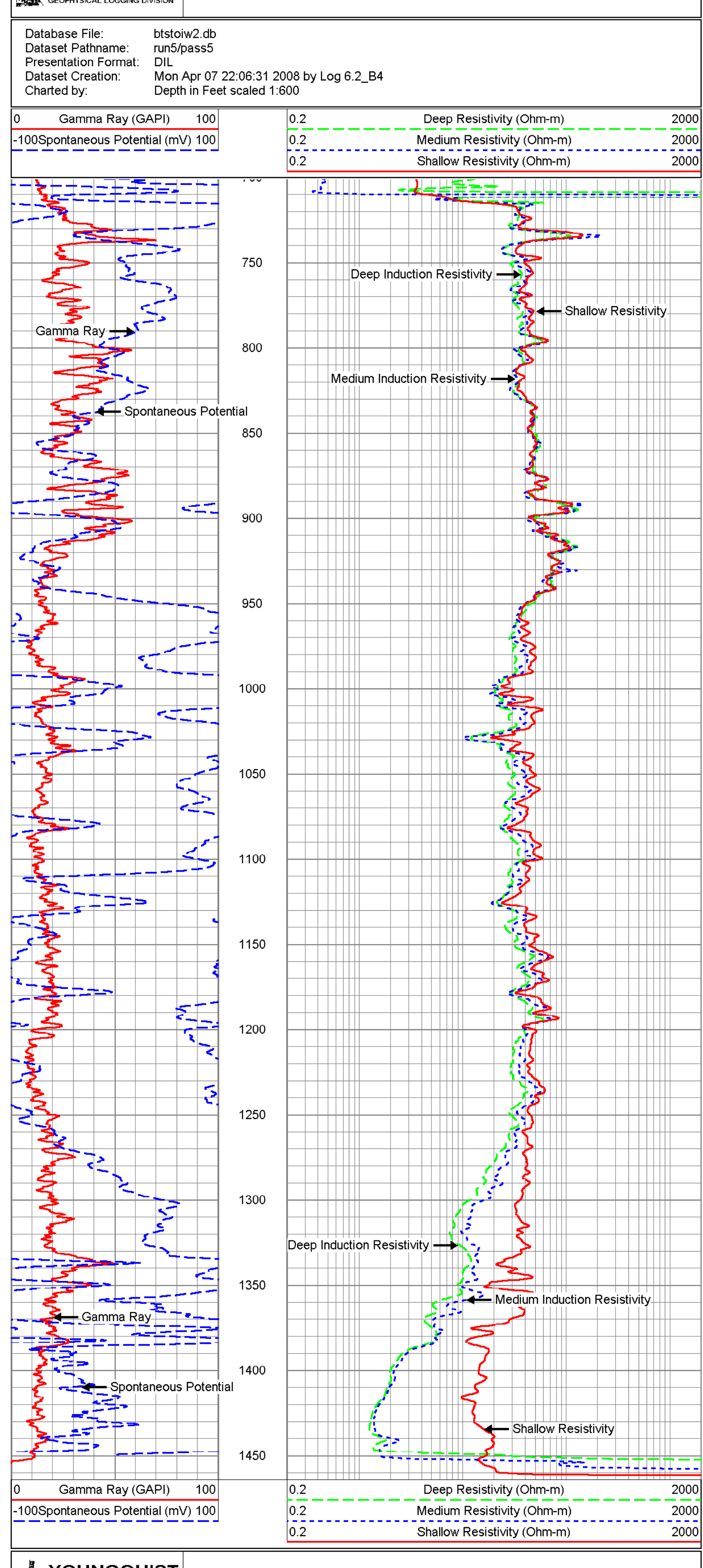
Database File: btstoiw2.db
Dataset Pathname: run5/pass5
Presentation Format: DIL
Dataset Creation: Mon Apr 07 22:06:31 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:1200



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

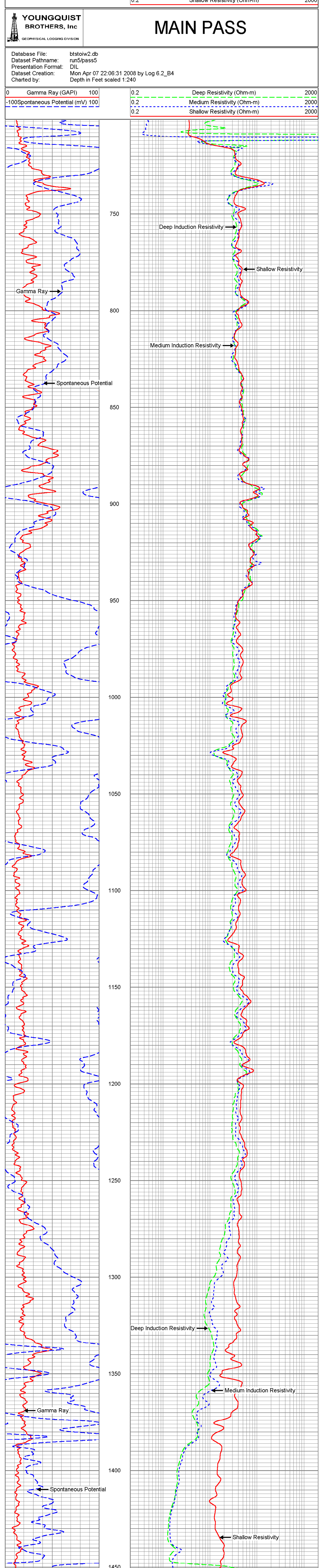
Database File: btstoiw2.db
Dataset Pathname: run5/pass5
Presentation Format: DIL
Dataset Creation: Mon Apr 07 22:06:31 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

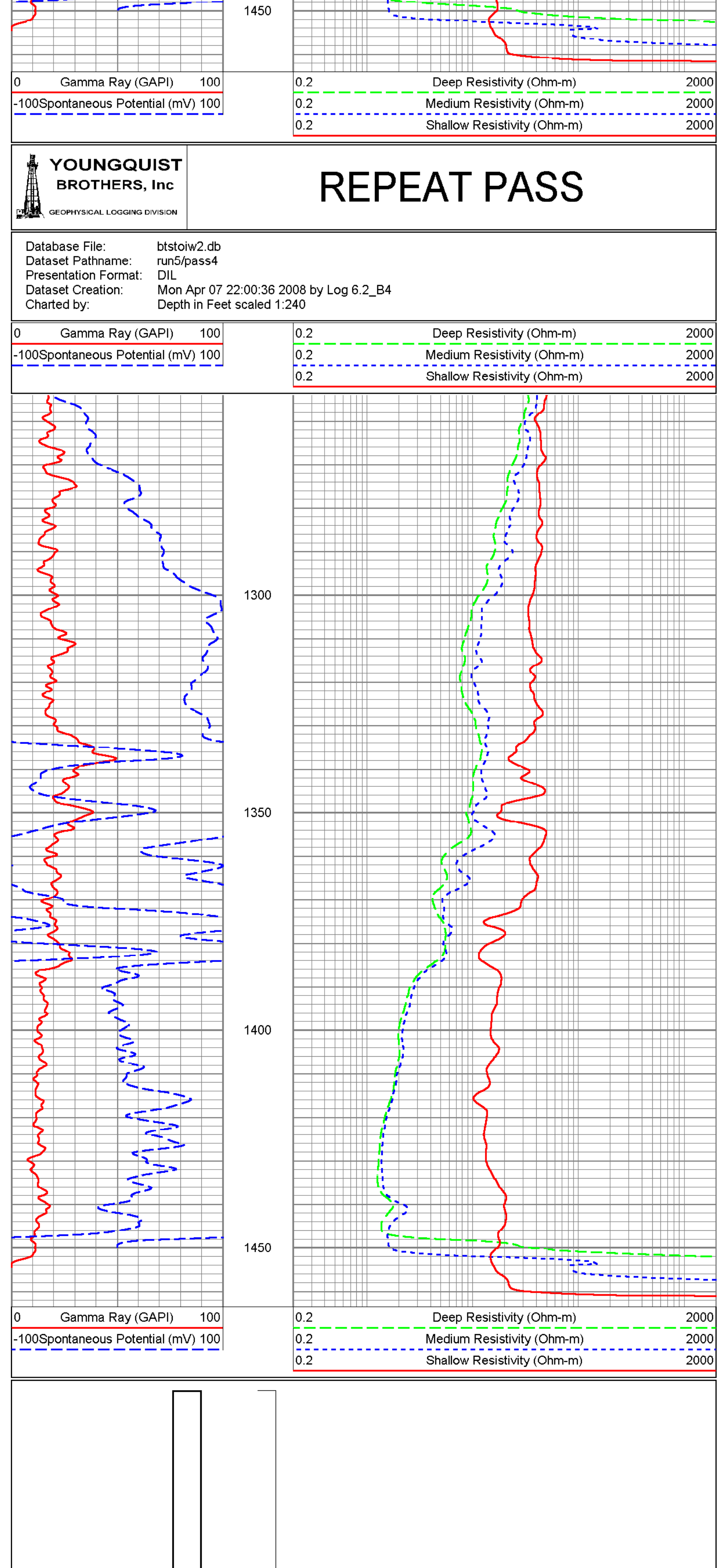
Database File: btstoiw2.db
Dataset Pathname: run5/pass5
Presentation Format: DIL
Dataset Creation: Mon Apr 07 22:06:31 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

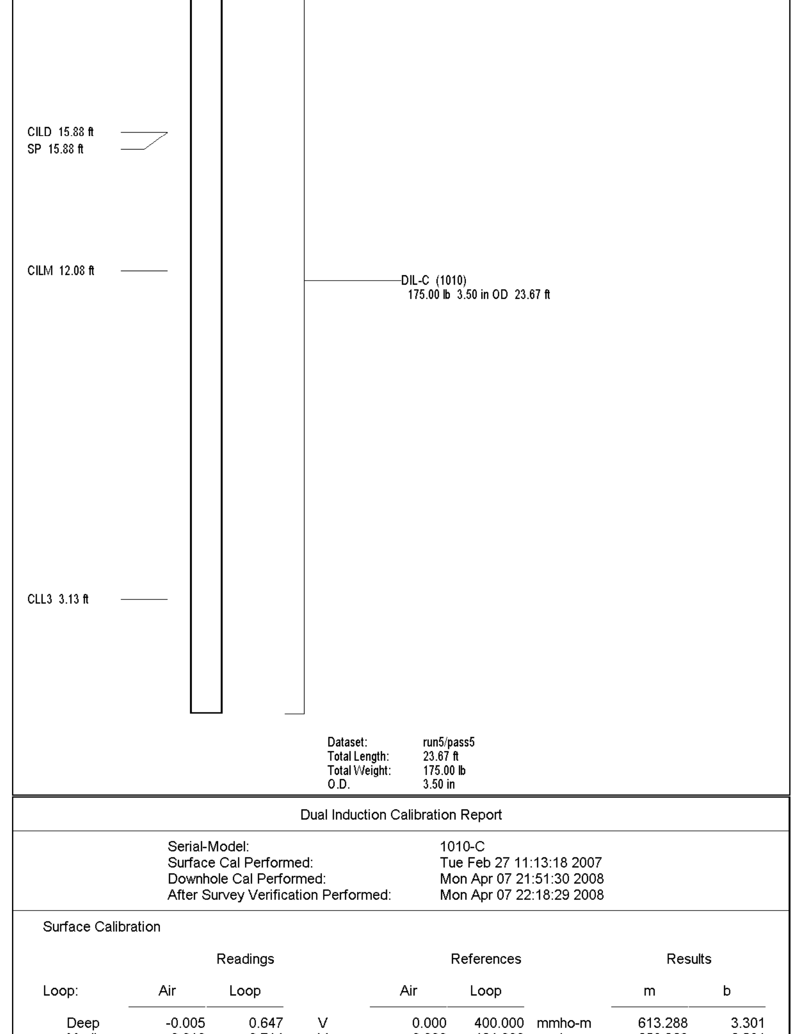


YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: run5/pass4
Presentation Format: DIL
Dataset Creation: Mon Apr 07 22:00:36 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240





Dataset: run5/pass5
Total Length: 23.67 ft
Total Weight: 175.00 lb
O.D. 3.50 in

Dual Induction Calibration Report

Serial-Model: 1010-C
Surface Cal Performed: Tue Feb 27 11:13:18 2007
Downhole Cal Performed: Mon Apr 07 21:51:30 2008
After Survey Verification Performed: Mon Apr 07 22:18:29 2008

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.005	0.647	V	0.000	400.000	mmho-m	613.288	3.301
Medium	0.010	0.714	V	0.000	464.000	mmho-m	658.369	-6.281
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.009	0.641	V	8.610	397.880	mmho-m	615.374	3.164
Medium	0.007	0.710	V	-1.120	462.890	mmho-m	659.667	-5.714

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	8.190	400.355	mmho-m	8.729	396.680	mmho-m	0.989	0.627
Medium	-2.769	465.299	mmho-m	-1.696	461.400	mmho-m	0.989	1.044
Shallow	0.030	0.381		3.000	88.900	mmho-m	244.903	-4.404

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	8.591	400.527	mmho-m	8.190	400.355	mmho-m	0.989	0.627
Medium	-2.628	464.776	mmho-m	-2.769	465.299	mmho-m	0.989	1.044
Shallow	3.350	89.598	mmho-m	3.000	88.900	mmho-m	0.996	-0.336

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FLUID CONDUCTIVITY TEMPERATURE LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL
Location MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL

Other Services: SEE COMMENTS

Permanent Datum / Elevation
Log Measured From
Drilling Measured From

Elevation: K.B. / D.F. / G.L.

Date	07-APR-2008
Run Number	FIVE
Depth Driller	1460'
Depth Logger	1460'
Bottom Logged Interval	1460'
Top Log Interval	CASING
Open Hole Size	12.25"
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	2100
Equipment Number	102
Location	FT MYERS
Recorded By	FULLER / TELLEZ
Witnessed By	M BLACK

Borehole Record

Run Number	Bit	From	To
ONE	12.25"	SURFACE	250'
TWO	64"	SURFACE	224'
THREE	14.75"	CASING	775'
FOUR	52"	CASING	715'

Borehole Record

Run No.	Bit	From	To
FIVE	12.25"	CASING	1460'

Casing Record

	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
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

DUAL INDUCTION
X-Y CALIPER
BOREHOLE SONIC

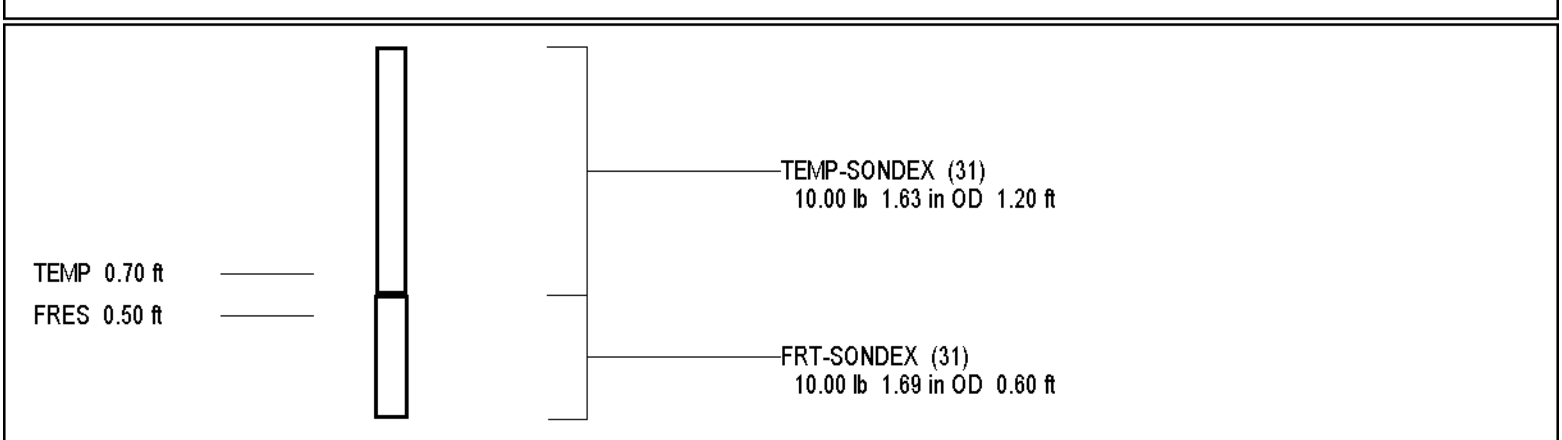
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FCT

Database File:	btstoiw2.db
Dataset Pathname:	run5/pass1
Presentation Format:	FRTTEMP
Dataset Creation:	Mon Apr 07 20:48:34 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

80 TEMPERATURE (degF) 100 | 20 FLUID CONDUCTIVITY (uS) 200000

80 TEMPERATURE (degF) 100 | 20 FLUID CONDUCTIVITY (uS) 200000



Dataset:	run5/pass1
Total Length:	1.80 ft
Total Weight:	20.00 lb
O.D.	1.69 in

FRT Calibration Report

Serial Number: 31
Tool Model: SONDEX
Performed: Wed Jul 12 08:38:31 2006

Point #	Reading		Reference
1	30.817	cps	1000.000
2	171.328	cps	10000.000
3	448.517	cps	25000.000
4	965.867	cps	50000.000
5		cps	
6		cps	

Temperature Calibration Report

Serial Number: 31
Tool Model: SONDEX
Performed: Tue Feb 27 11:21:18 2007

Point #	Reading		Reference	
1	128.595	cps	41	degF
2	265.492	cps	70	degF
3	697.392	cps	156	degF

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

BOREHOLE COMPENSATED SONIC W/VDL LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services	SEE COMMENTS
Permanent Datum	
Elevation	K.B. / D.F. / G.L.
Log Measured From	
Drilling Measured From	

Date	07-APR-2008	
Run Number	FIVE	
Depth Driller	1460'	
Depth Logger	1460'	
Bottom Logged Interval	1460'	
Top Log Interval	CASING	
Open Hole Size	12.25"	
Type Fluid	MUD	
Density / Viscosity	NA	
Max. Recorded Temp.	NA	
Estimated Cement Top	NA	
Time Well Ready	ON ARRIVAL	
Time Logger on Bottom	2100	
Equipment Number	102	
Location	FT MYERS	
Recorded By	FULLER	TELLEZ
Witnessed By	M BLACK	

Borehole Record

Run Number	Bit	From	To
ONE	12.25"	SURFACE	250'
TWO	64"	SURFACE	224'
THREE	14.75"	CASING	775'
FOUR	52"	CASING	715'

Run No.	Bit	From	To
FIVE	12.25"	CASING	1460'

Casing Record

	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375" W.T.	SURFACE	710'
Production String				
Liner				

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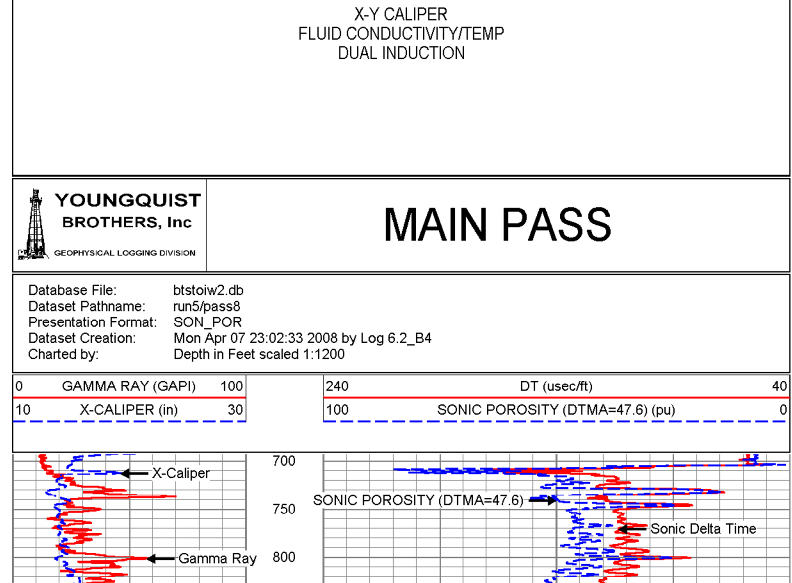
Comments

X-Y CALIPER
FLUID CONDUCTIVITY/TEMP
DUAL INDUCTION

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

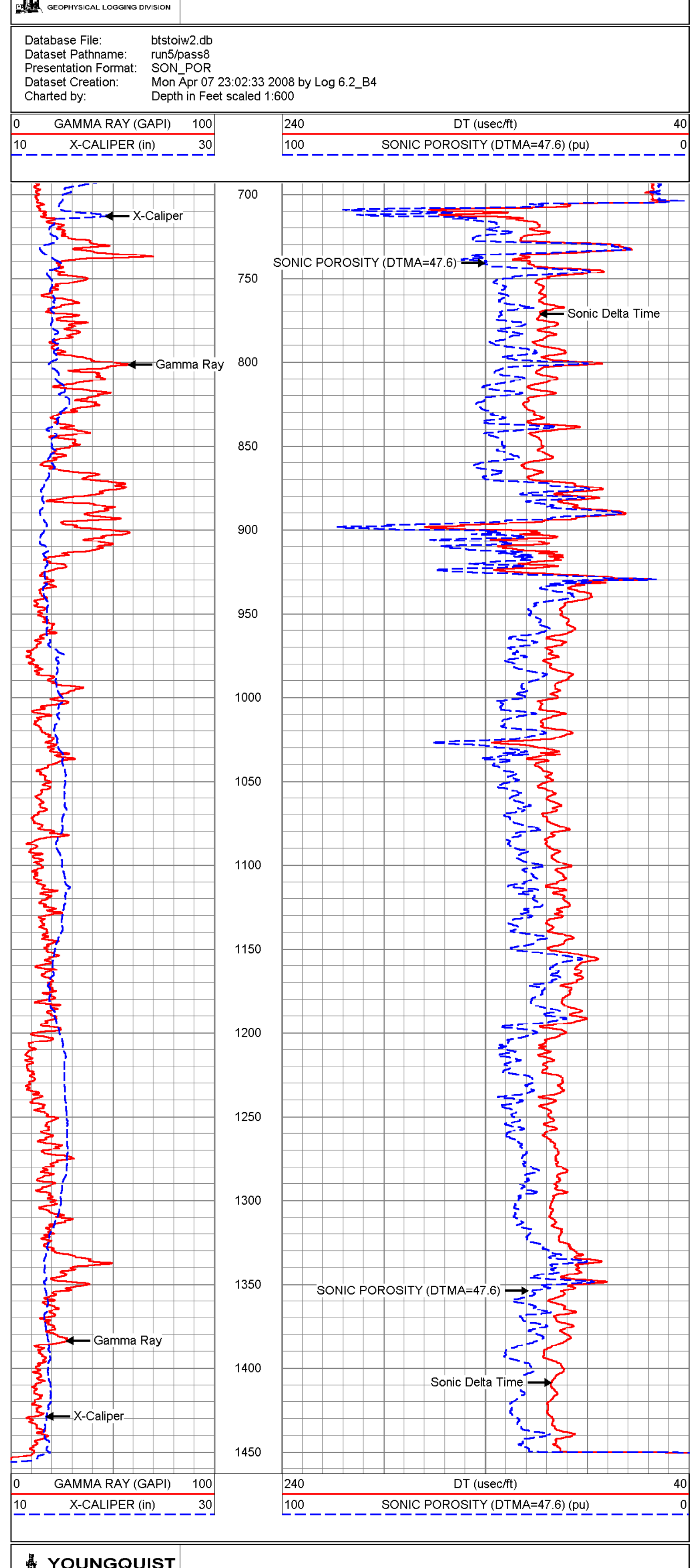
MAIN PASS

Database File:	btstoiw2.db
Dataset Pathname:	run5/pass8
Presentation Format:	SON_POR
Dataset Creation:	Mon Apr 07 23:02:33 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:1200



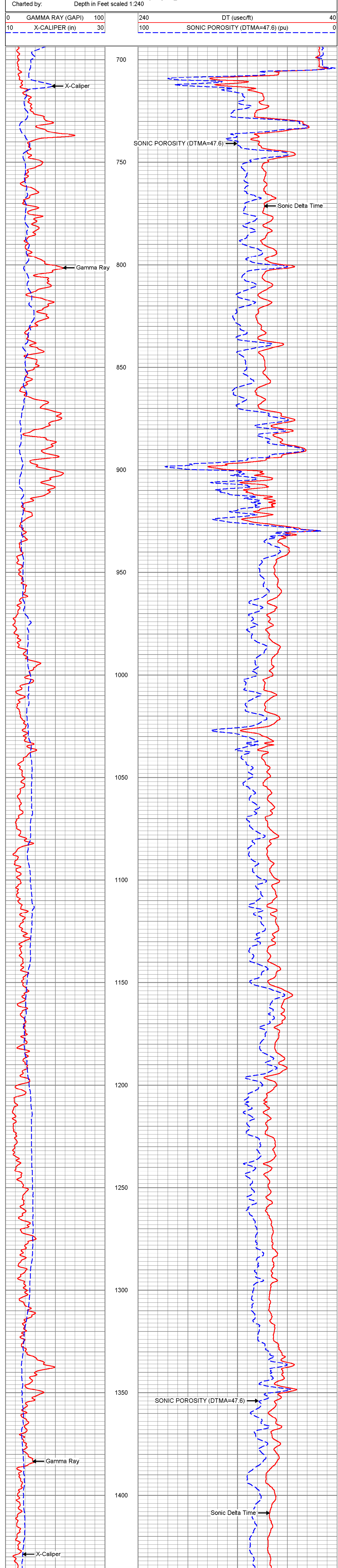
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS



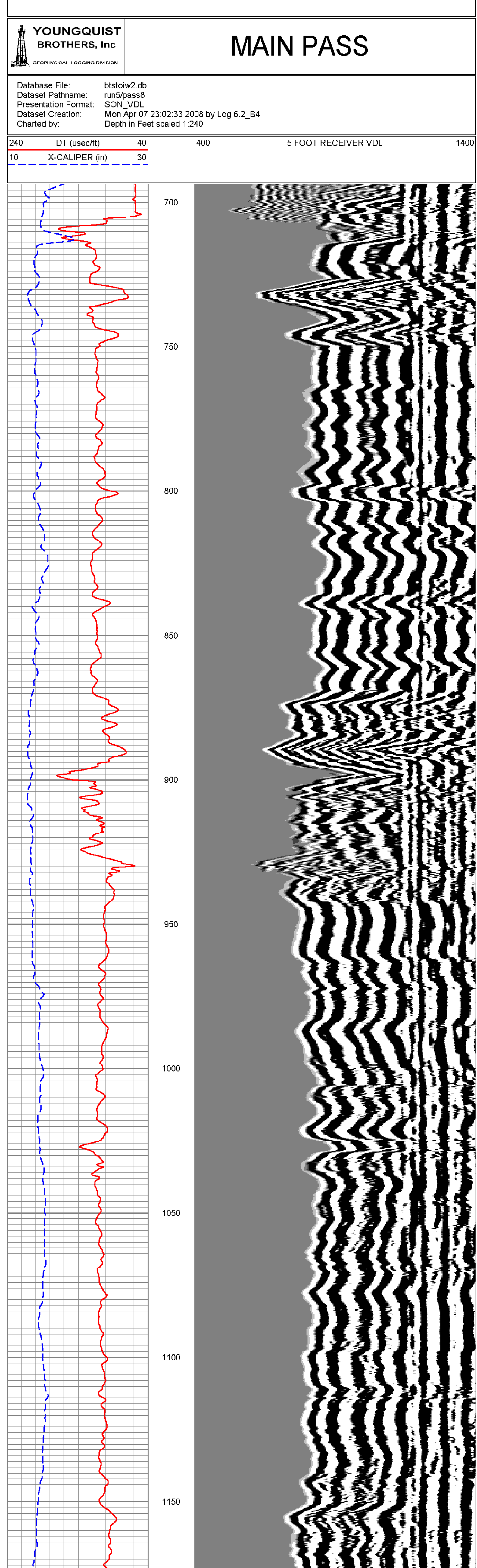
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

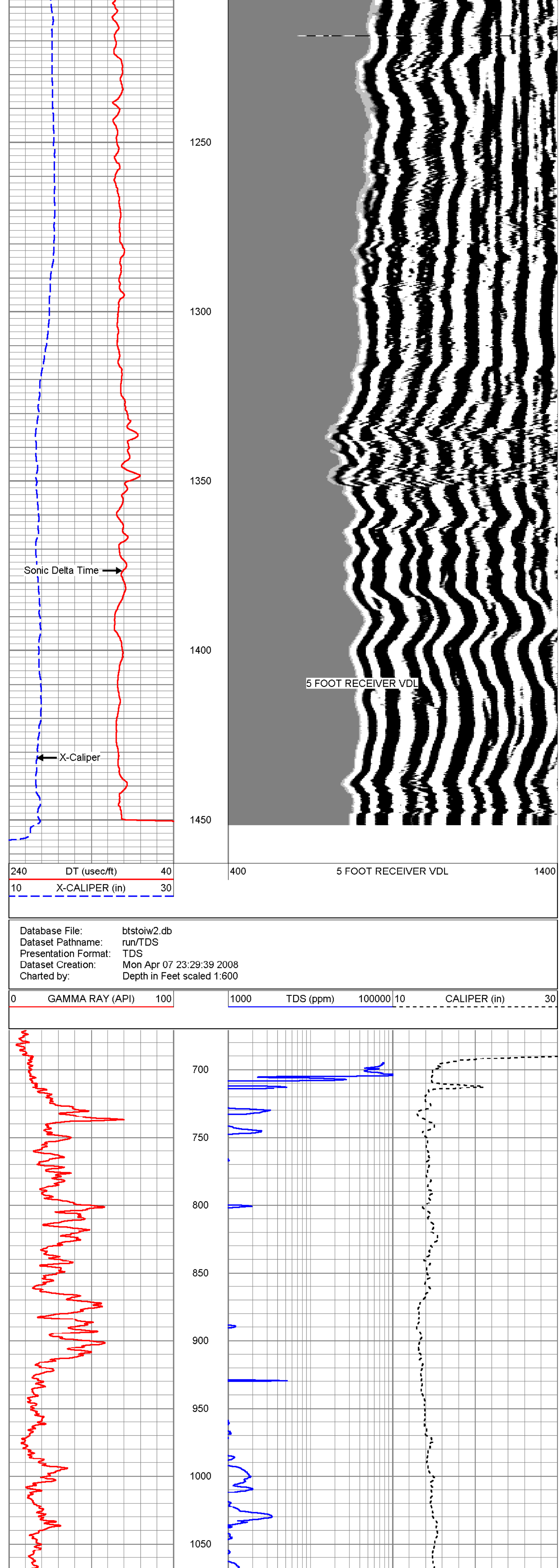


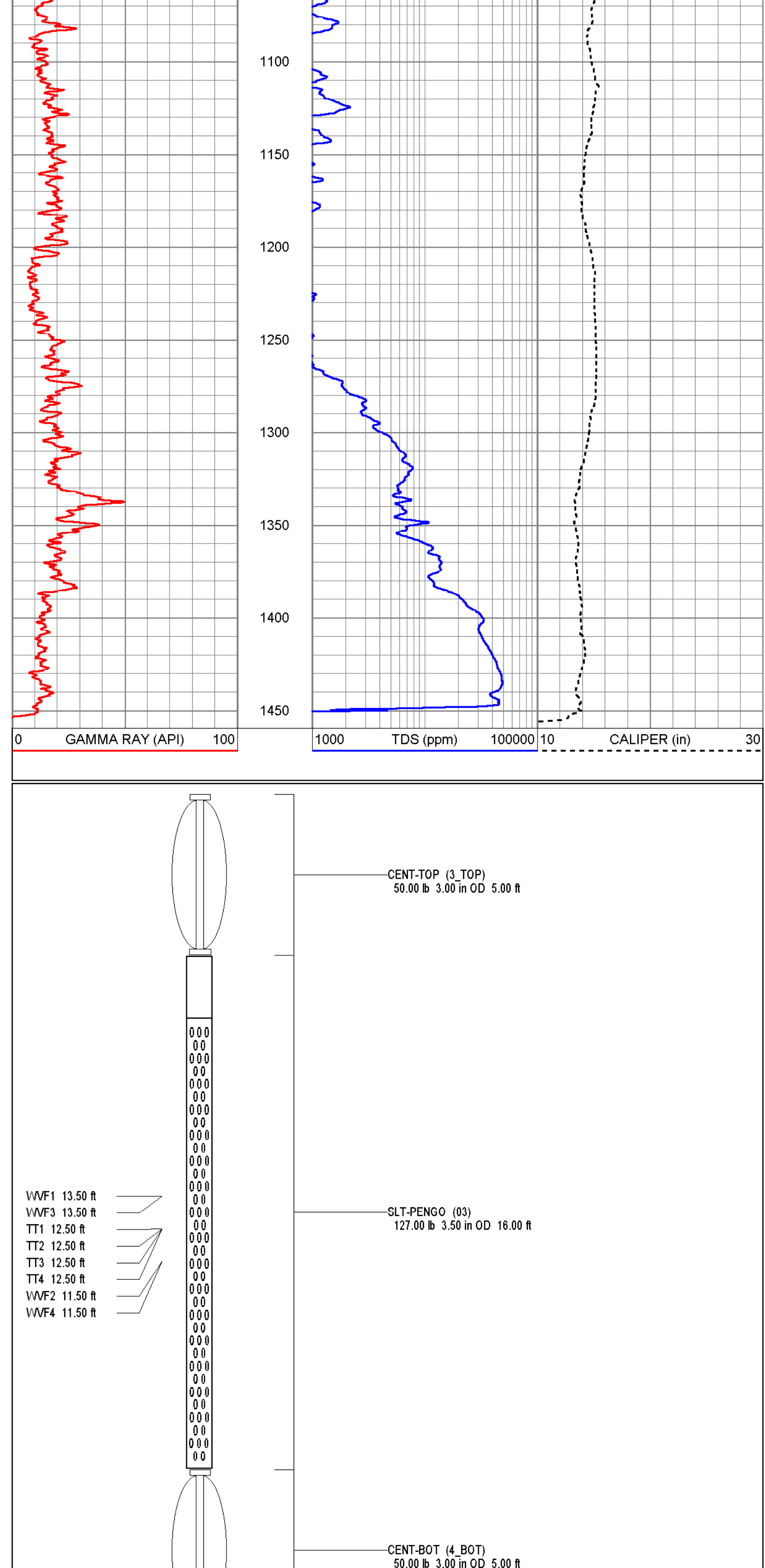
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS



Database File:	btstoiw2.db
Dataset Pathname:	run/TDS
Presentation Format:	TDS
Dataset Creation:	Mon Apr 07 23:29:39 2008
Charted by:	Depth in Feet scaled 1:600





Dataset:	run5/pass8
Total Length:	26.00 ft
Total Weight:	227.00 lb
O.D.	3.50 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Location: MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL

Other Services: SEE COMMENTS

Permanent Datum — Elevation
Log Measured From
Drilling Measured From

Elevation: K.B. / D.F. / G.L.

Date	20-APR-2008
Run Number	SIX
Depth Driller	1387'
Depth Logger	1387'
Bottom Logged Interval	1387'
Top Log Interval	CASING
Open Hole Size	42.5"
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	0545
Equipment Number	103
Location	FT MYERS
Recorded By	MOREY / TELLEZ
Witnessed By	M BLACK

Borehole Record

Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'				
FOUR	52"	CASING	715'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375" W.T.	SURFACE	710'
Production String				
Liner				

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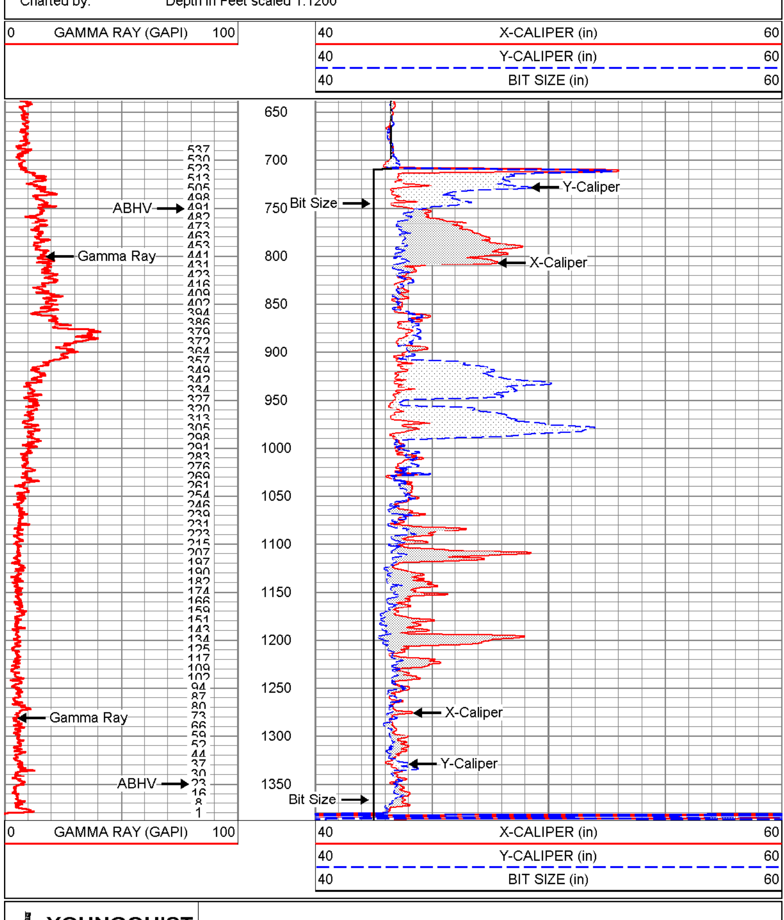
Comments

ANNULAR BOREHOLE CALCULATED
IN BARRELS FOR 34" CASING

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

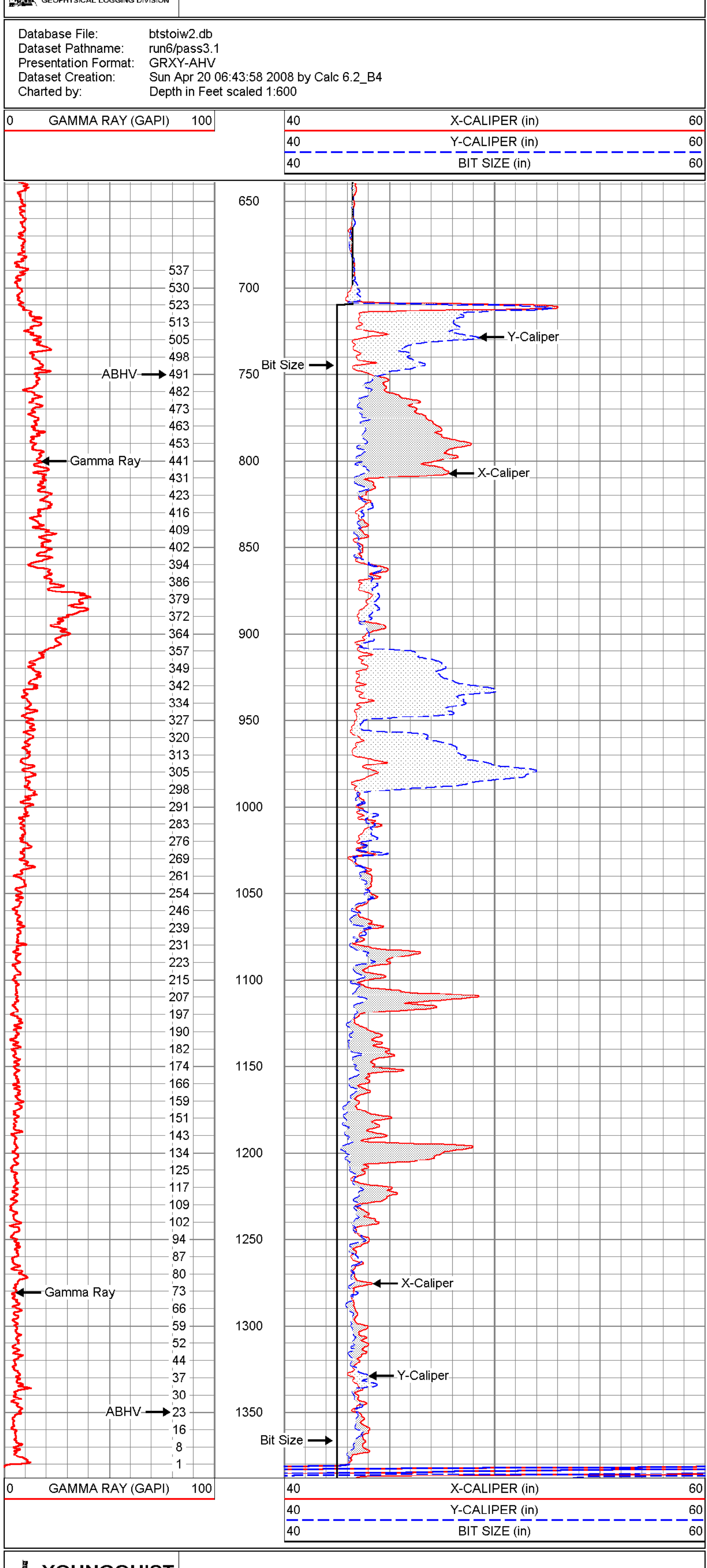
Database File: btstoiw2.db
Dataset Pathname: run6/pass3.1
Presentation Format: GRXY-AHV
Dataset Creation: Sun Apr 20 06:43:58 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:1200



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

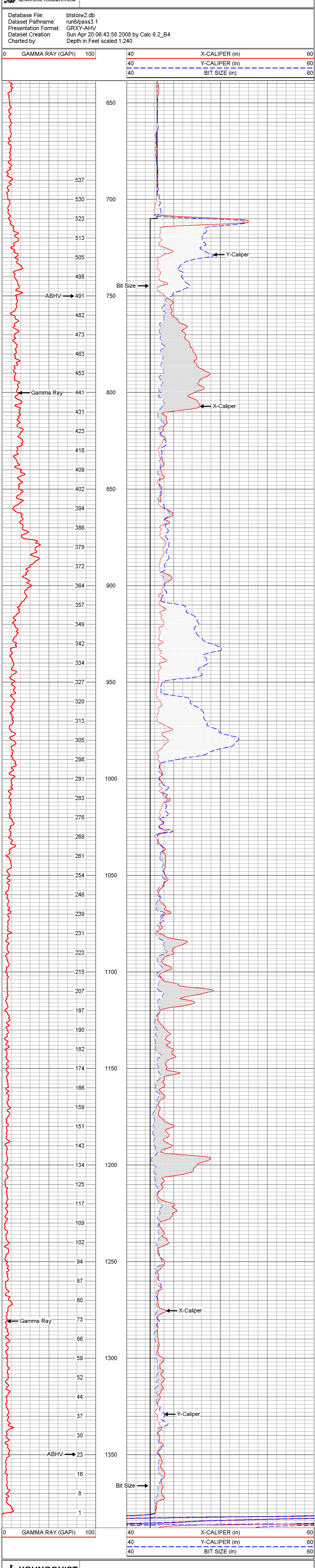
Database File: btstoiw2.db
Dataset Pathname: run6/pass3.1
Presentation Format: GRXY-AHV
Dataset Creation: Sun Apr 20 06:43:58 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:600



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

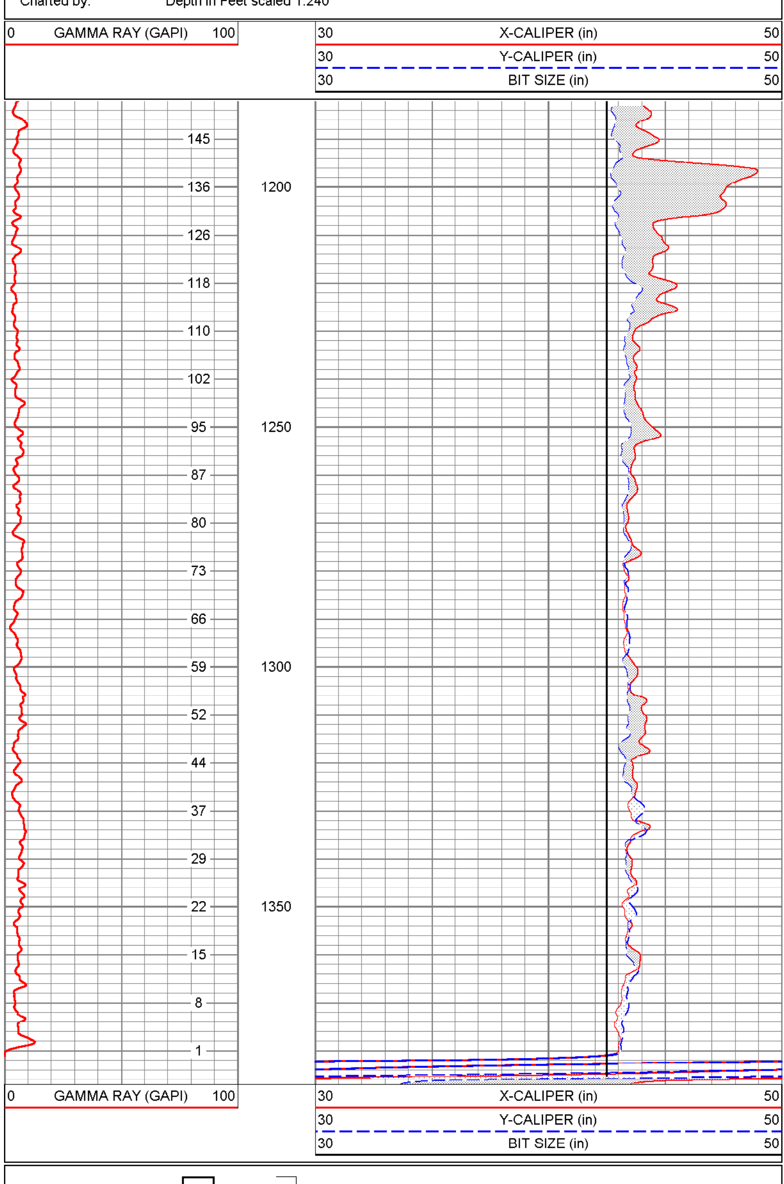
Database File: btstoiw2.db
Dataset Pathname: run6/pass3.1
Presentation Format: GRXY-AHV
Dataset Creation: Sun Apr 20 06:43:58 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:240

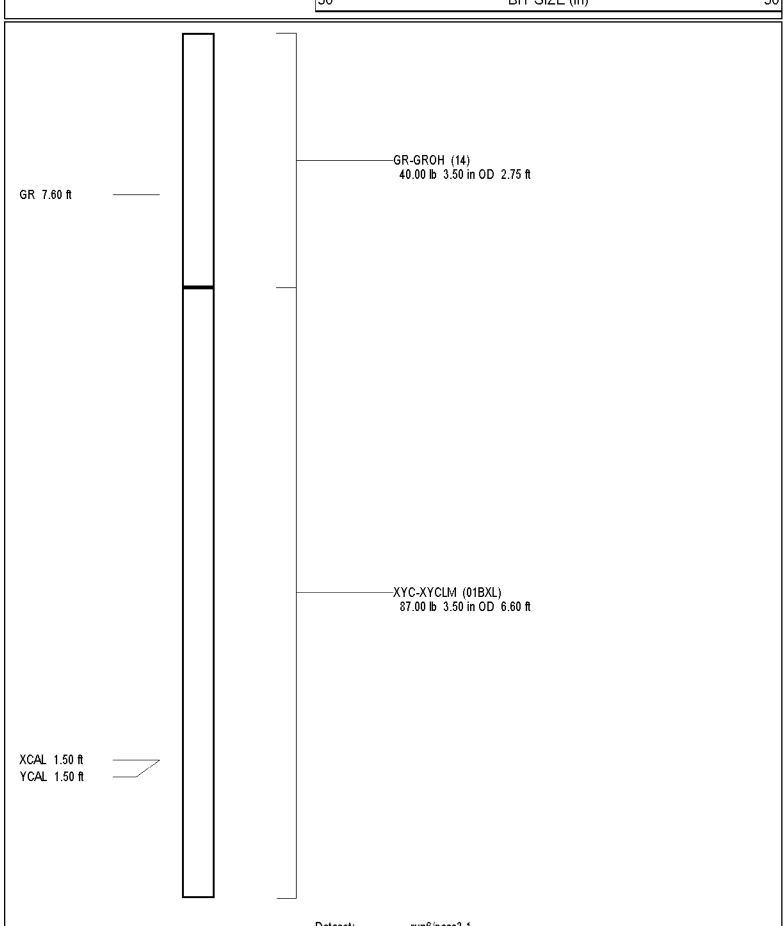


YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: run6/pass1.1
Presentation Format: GRXY-AHV
Dataset Creation: Sun Apr 20 06:45:43 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:240





Dataset: run6/pass3.1
Total Length: 9.35 ft
Total Weight: 127.00 lb
O.D. 3.50 in

XY Caliper Calibration Report

Serial Number/Model: 01BXL-XYCLM
Performed: Sun Apr 20 05:33:39 2008

Ring			X Caliper		Y Caliper	
1:	13.4	in	470.07	cps	534.735	cps
2:	39.25	in	875.075	cps	881.882	cps
3:	43.25	in	955.238	cps	946.667	cps
4:	49	in	1078.18	cps	1051.85	cps
5:	56.25	in	1182.08	cps	1142.34	cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number: 14
Tool Model: GROH
Performed: Sun Feb 24 10:28:48 2008

Calibrator Value: 120 GAPI

Background Reading: 45.4454 cps
Calibrator Reading: 204.505 cps

Sensitivity: 0.754438 GAPI/cps

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services	SEE COMMENTS
Permanent Datum	
Log Measured From	
Drilling Measured From	
Elevation	
K.B.	
D.F.	
G.L.	

Date	06-MAY-2008
Run Number	EIGHT
Depth Driller	3030'
Depth Logger	3030'
Bottom Logged Interval	3030'
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	0000
Equipment Number	1700
Location	FT MYERS
Recorded By	FULLER
Witnessed By	M BLACK

Borehole Record Run Number	Bit	From	To	Borehole Record Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner				

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Comments

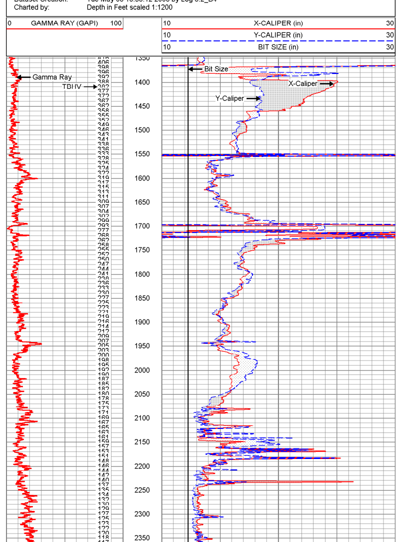
FLUID CONDUCTIVITY/TEMP
DUAL INDUCTION
BOREHOLE SONIC
FLOWMETER LOG

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

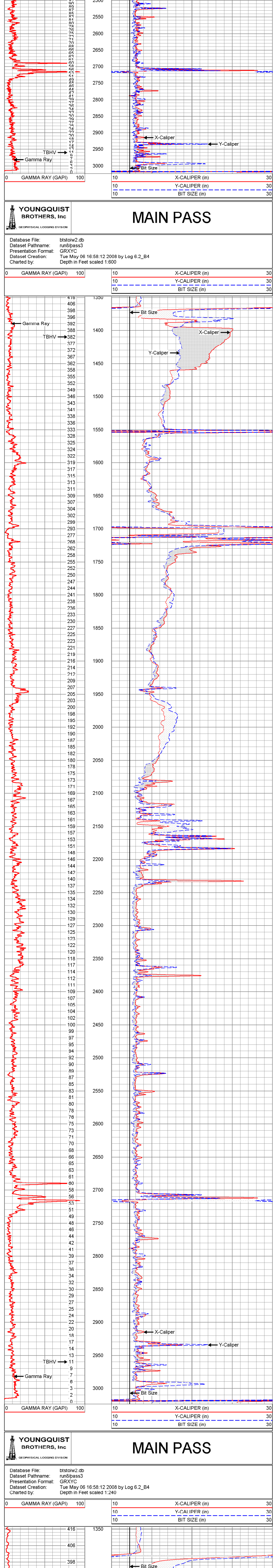
Database File: btstoiw2.db
Dataset Pathname: run8/pass3
Presentation Format: GRXYC
Dataset Creation: Tue May 06 16:58:12 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:1200

0 GAMMA RAY (GAPI) 100	10 X-CALIPER (in) 30
	10 Y-CALIPER (in) 30
	10 BIT SIZE (in) 30



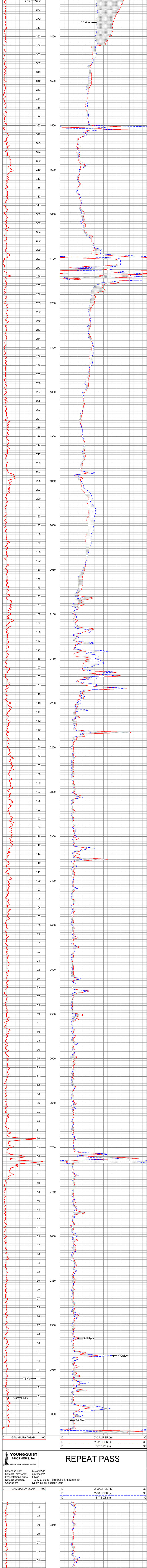
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS



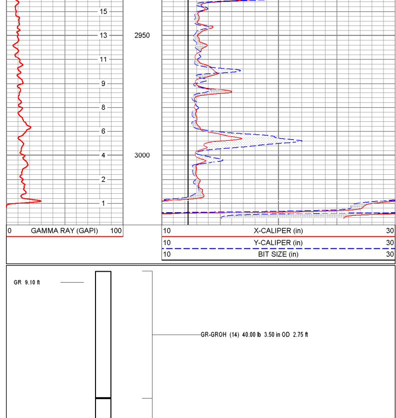
0 GAMMA RAY (GAPI) 100	10 X-CALIPER (in) 30
	10 Y-CALIPER (in) 30
	10 BIT SIZE (in) 30

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

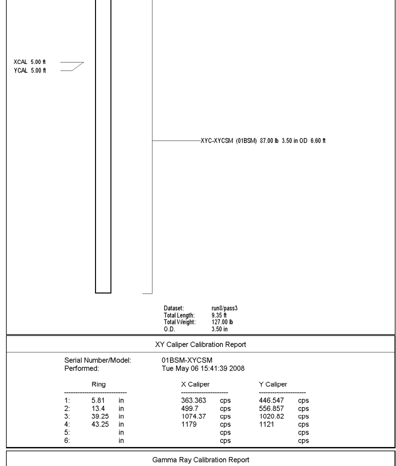
REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: run8/pass2
Presentation Format: GRXYC
Dataset Creation: Tue May 06 16:43:10 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 100	10 X-CALIPER (in) 30
	10 Y-CALIPER (in) 30
	10 BIT SIZE (in) 30



0 GAMMA RAY (GAPI) 100	10 X-CALIPER (in) 30
	10 Y-CALIPER (in) 30
	10 BIT SIZE (in) 30



Dataset: run8/pass3
Total Length: 9.35 ft
Total Weight: 127.00 lb
O.D.: 3.50 in

XY Caliper Calibration Report

Serial Number/Model: 01BSM-XYCSM
Performed: Tue May 06 15:41:39 2008

	Ring		X Caliper		Y Caliper	
1:	5.81	in	363.363	cps	446.547	cps
2:	13.4	in	499.7	cps	556.857	cps
3:	39.25	in	1074.37	cps	1020.82	cps
4:	43.25	in	1179	cps	1121	cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

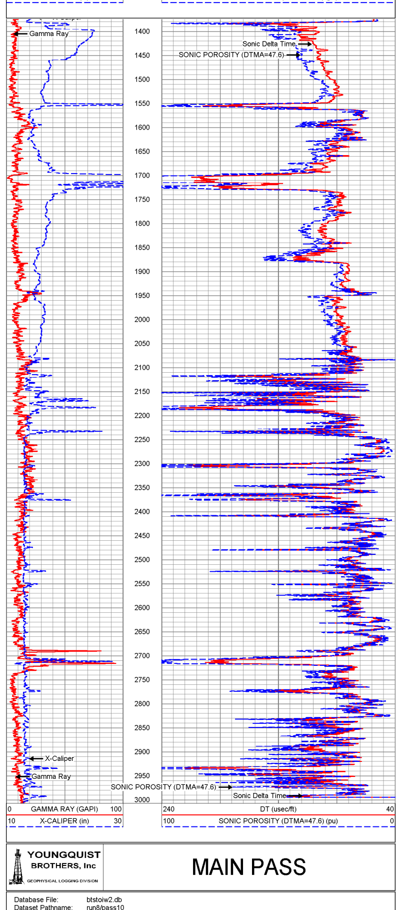
Serial Number: 14
Tool Model: GROH
Performed: Sun Feb 24 10:28:48 2008

Calibrator Value: 120 GAPI

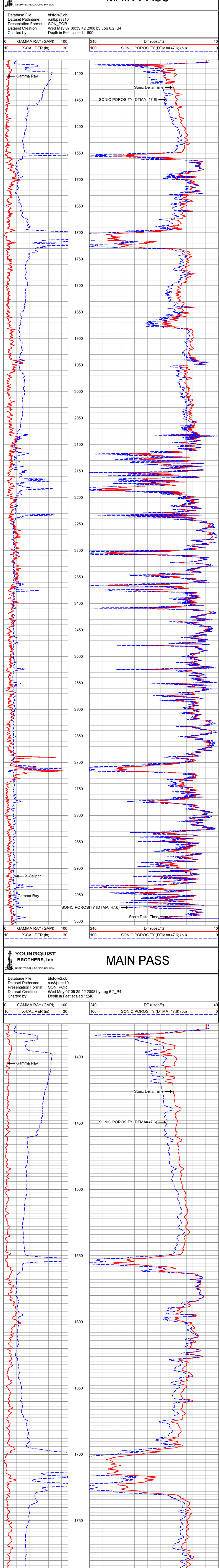
Background Reading: 45.4454 cps
Calibrator Reading: 204.505 cps

Sensitivity: 0.754438 GAPI/cps

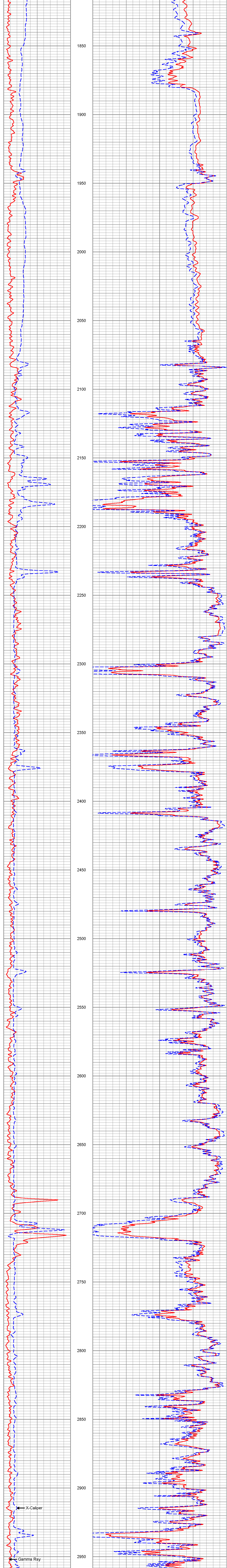
MAIN PASS



MAIN PASS



MAIN PASS

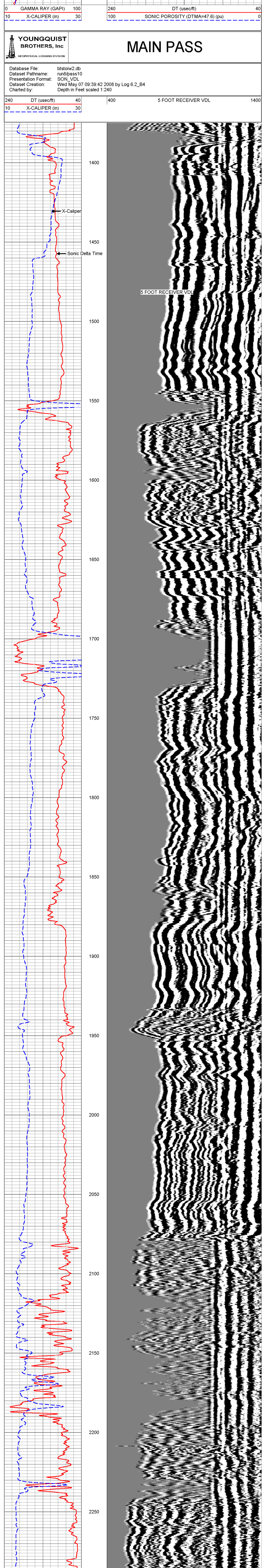


YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run8/pass10
Presentation Format: SON_VDL
Dataset Creation: Wed May 07 09:39:42 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



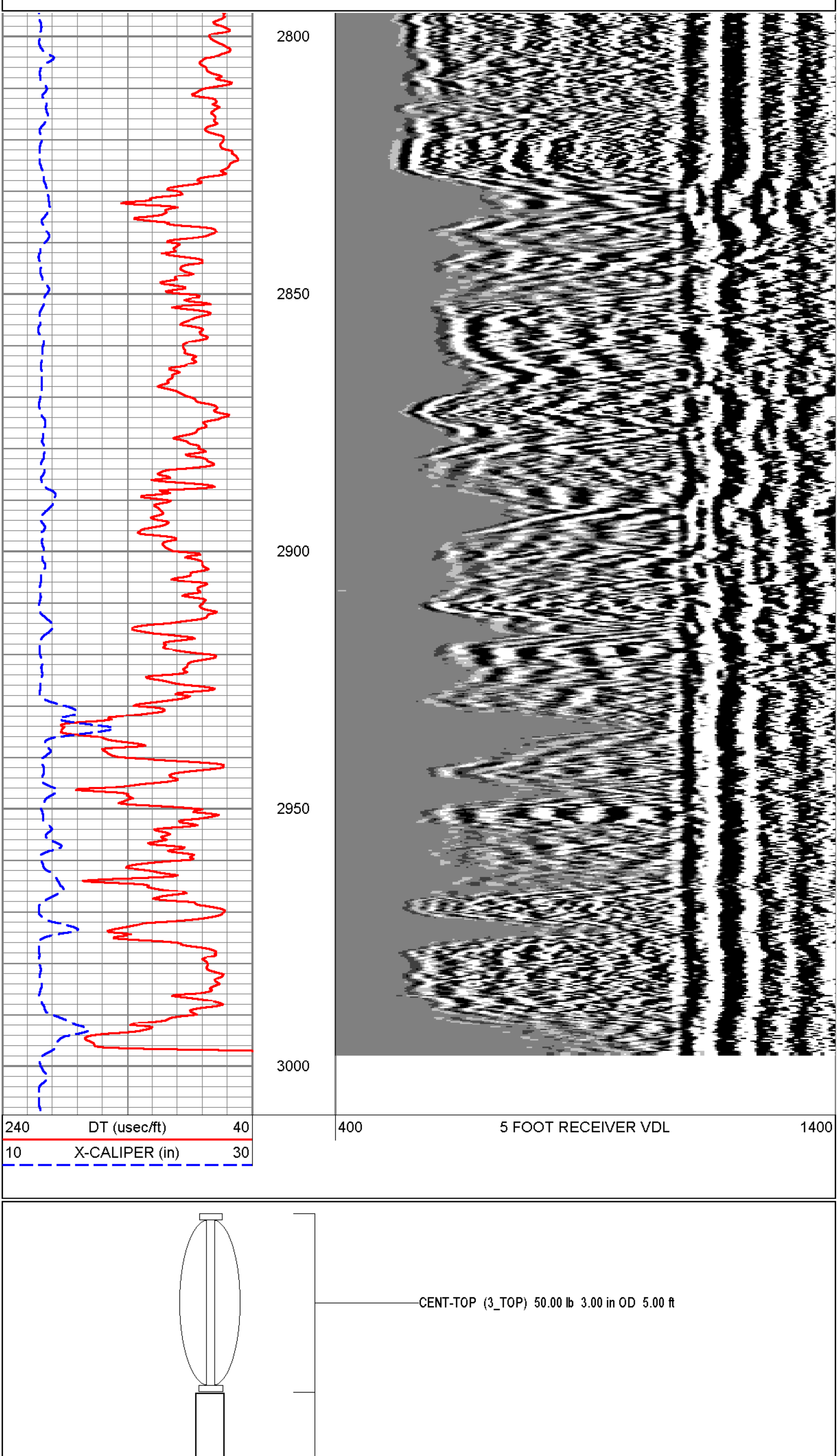
240 DT (usec/ft) 40	400	5 FOOT RECEIVER VDL 1400
10 X-CALIPER (in) 30		

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

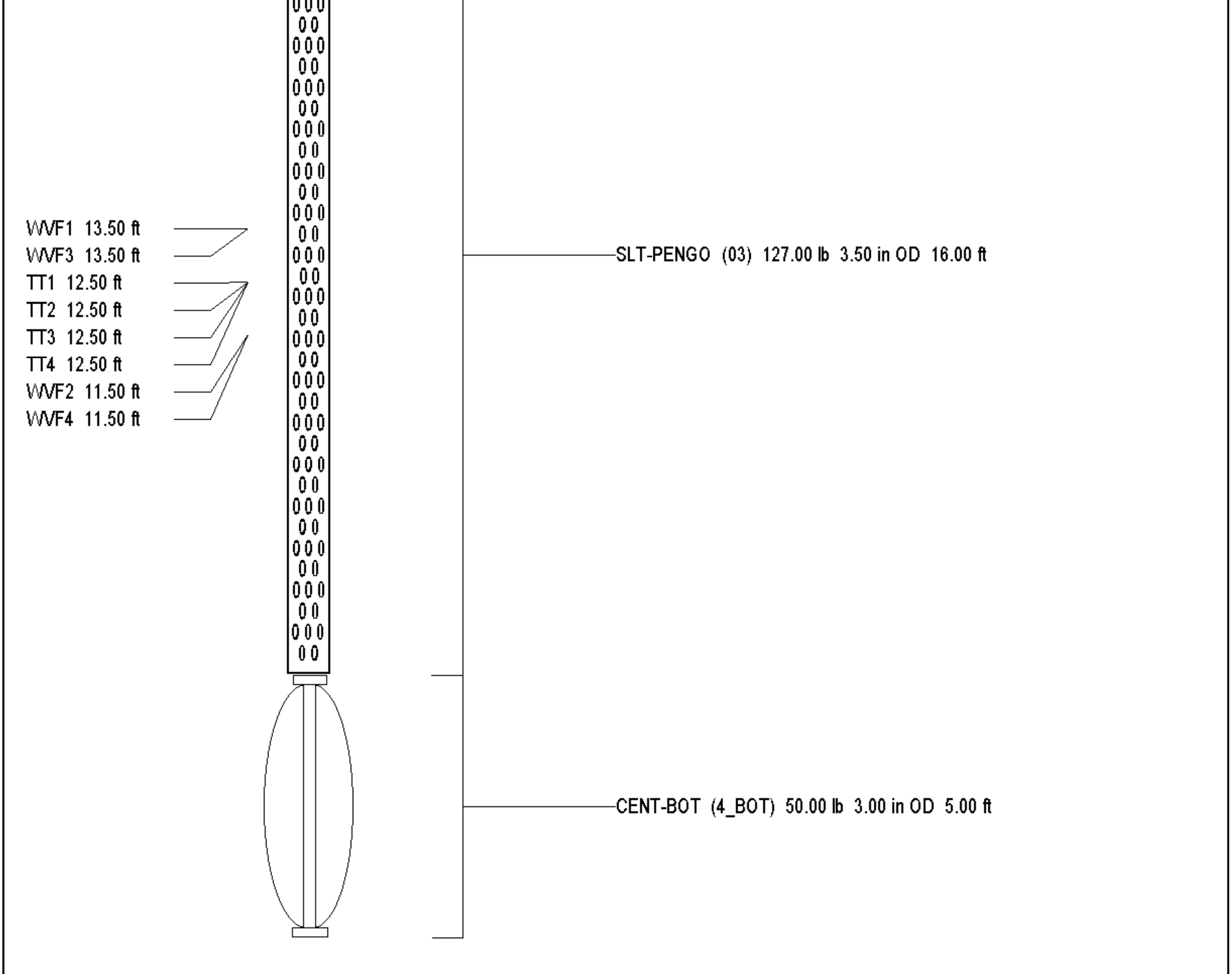
REPEAT PASS

Database File:	btstoiw2.db
Dataset Pathname:	run8/pass9
Presentation Format:	SON_VDL
Dataset Creation:	Wed May 07 09:23:17 2008 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		



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



Dataset:	run8/pass10
Total Length:	26.00 ft
Total Weight:	227.00 lb
O.D.	3.50 in

DUAL INDUCTION
LL3 with SP
LOG

CHARLOTTE COUNTY UTILITIES
IW-2
BURNT STORE WWTP
CHARLOTTE State FL

M PIRNIE/ MCNABB HYDROGEOLOGICAL

Other Services
SEE
COMMENTS

22-APR-2008
SEVEN
1370'
1370'
CASING
34"
WATER
NA
NA
NA
ON ARRIVAL
0000
103
FT MYERS
FULLER
M BLACK

Run No.	Bit	From	To
FIVE	12.25"	CASING	1387'
SIX	42.5"	CASING	1460'

Wgt/Ft	Top	Bottom
.375" W.T.	SURFACE	220'
.375" W.T.	SURFACE	710'
.375 W.T.	SURFACE	1370'

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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

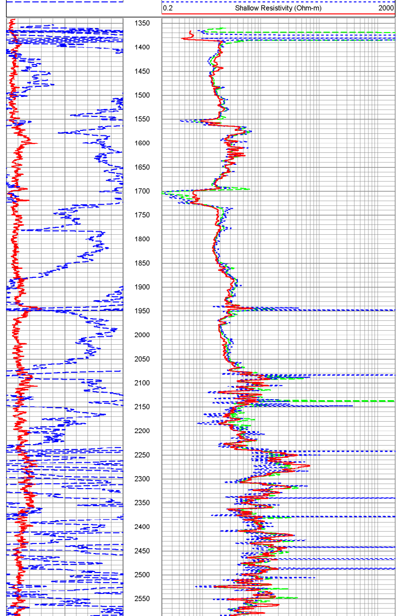
FLUID CONDUCTIVITY/TEMP
X-Y CALIPER
BOREHOLE SONIC
FLOWMETER LOG

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run8/pass8
Presentation Format: DIL
Dataset Creation: Tue May 06 20:05:01 2008
Charted by: Depth in Feet scaled 1:1200

0 Gamma Ray (GAPI) 100
-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000



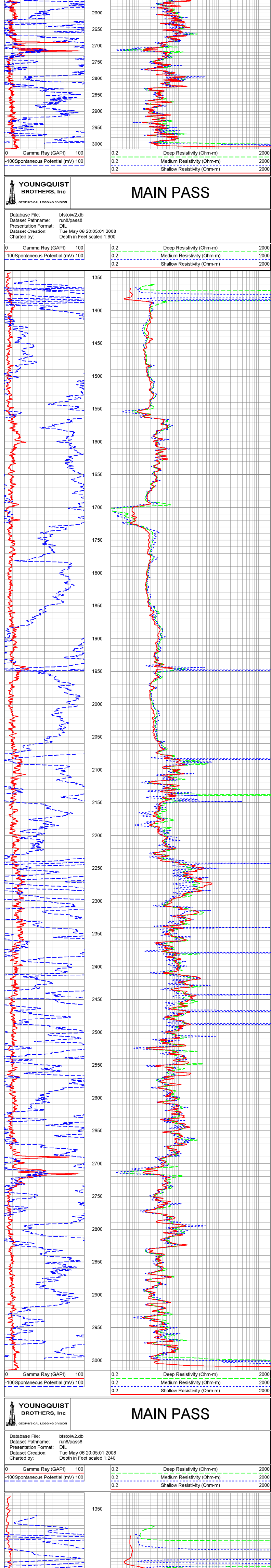
0 Gamma Ray (GAPI) 100
-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run8/pass8
Presentation Format: DIL
Dataset Creation: Tue May 06 20:05:01 2008
Charted by: Depth in Feet scaled 1:600

0 Gamma Ray (GAPI) 100
-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000



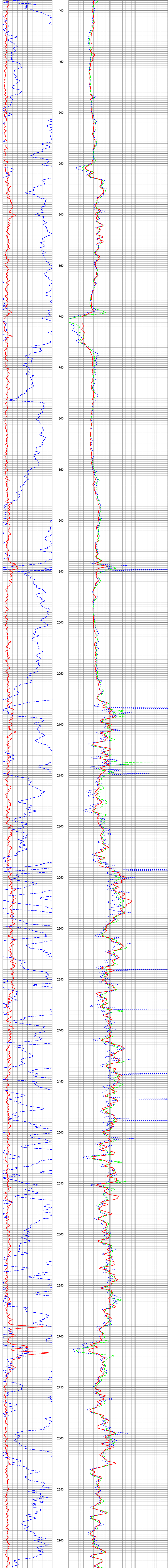
0 Gamma Ray (GAPI) 100
-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

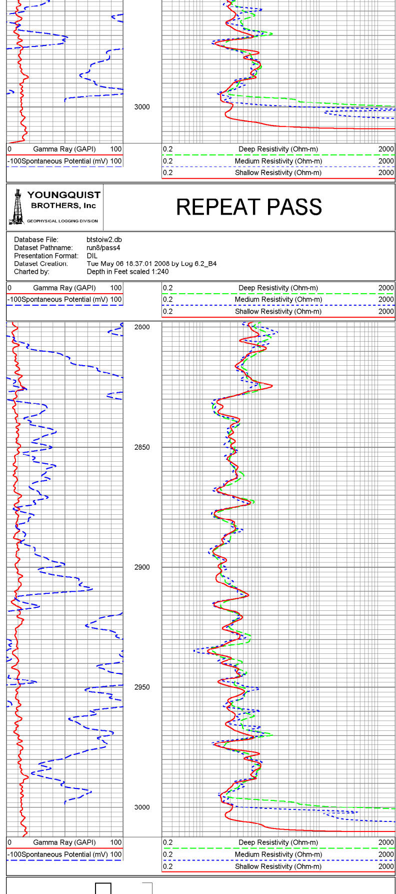
Database File: btstoiw2.db
Dataset Pathname: run8/pass8
Presentation Format: DIL
Dataset Creation: Tue May 06 20:05:01 2008
Charted by: Depth in Feet scaled 1:240

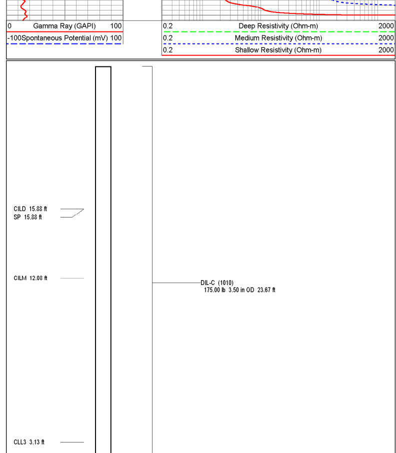
0 Gamma Ray (GAPI) 100
-100 Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS





YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FLUID CONDUCTIVITY TEMPERATURE LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services	SEE COMMENTS
Permanent Datum	
Elevation	
Log Measured From	
Drilling Measured From	
Elevation	K.B. D.F. G.L.

Date	06-MAY-2008
Run Number	EIGHT
Depth Driller	3030'
Depth Logger	3030'
Bottom Logged Interval	3030'
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	1700
Equipment Number	103
Location	FT MYERS
Recorded By	FULLER
Witnessed By	M BLACK

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner				

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Comments

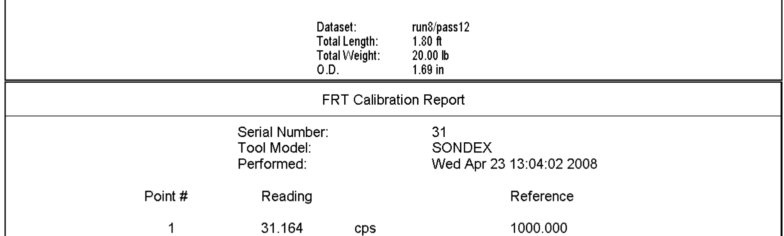
X-Y CALIPER/GAMMA RAY
DUAL INDUCTION
BOREHOLE COMPENSATED SONIC
FLOW METER

DYNAMIC FLOW RATE = 130 GPM

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MERGED FCT

Database File:	btstoiw2.db
Dataset Pathname:	run8/pass12
Presentation Format:	FRT_MG
Dataset Creation:	Wed May 07 12:59:44 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240



Dataset:	run8/pass12
Total Length:	1.80 ft
Total Weight:	20.00 lb
O.D.	1.69 in

FRT Calibration Report

Serial Number:	31
Tool Model:	SONDEX
Performed:	Wed Apr 23 13:04:02 2008

Point #	Reading		Reference
1	31.164	cps	1000.000
2	167.193	cps	10000.000
3	415.824	cps	25000.000
4	918.476	cps	50000.000
5		cps	
6		cps	

Temperature Calibration Report

Serial Number:	31
Tool Model:	SONDEX
Performed:	Wed Apr 23 13:13:36 2008

Point #	Reading		Reference	
1	152.98	cps	39	degF
2	330.989	cps	82	degF
3	688.237	cps	157	degF

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FLOW METER LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services	SEE COMMENTS
Permanent Datum	
Elevation	
Log Measured From	
Drilling Measured From	
Elevation	K.B. D.F. G.L.

Date	06-MAY-2008	
Run Number	EIGHT	
Depth Driller	3030'	
Depth Logger	3030'	
Bottom Logged Interval	3030'	
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	1700	
Equipment Number	103	
Location	FT MYERS	
Recorded By	FULLER	
Witnessed By	M BLACK	

Borehole Record

Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner				

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Comments

X-Y CALIPER/GAMMA RAY
DUAL INDUCTION
BOREHOLE COMPENSATED SONIC
FLUID CONDUCTIVITY/TEMP

DYNAMIC FLOW RATE = 130 GPM

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MERGED FLOWMETER

Database File: btstoiw2.db
Dataset Pathname: run8/pass15
Presentation Format: FM_DNMG
Dataset Creation: Wed May 07 15:00:09 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0 L.S STATIC DOWN (ft/min)-100
0 L.S DYNAMIC DOWN (ft/min)100
10 XCAL (in) 30
0 DYNAMIC DOWN FLOW (cps) 60
0 STATIC DOWN FLOW (cps) 60

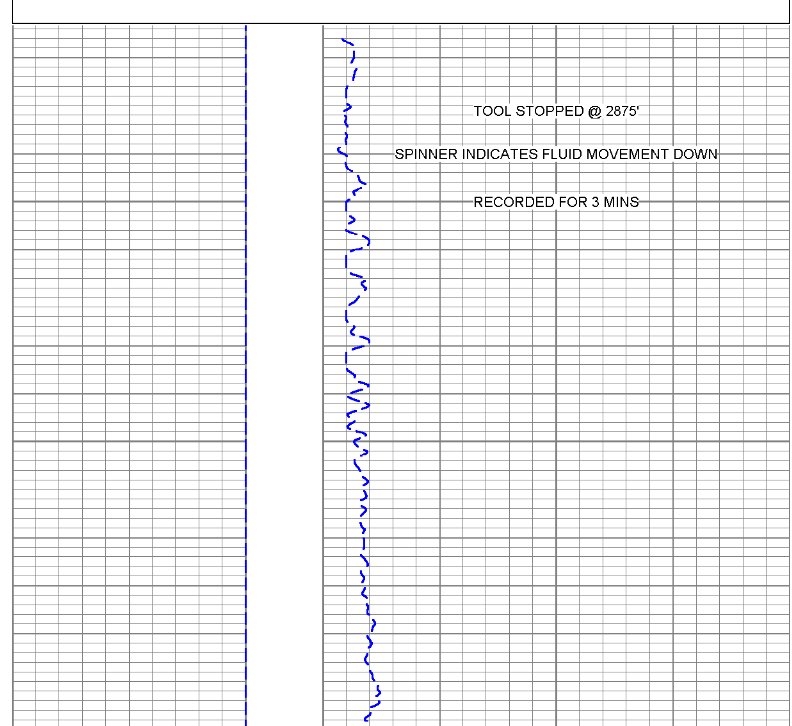
0 L.S STATIC DOWN (ft/min)-100
0 L.S DYNAMIC DOWN (ft/min)100
10 XCAL (in) 30
0 DYNAMIC DOWN FLOW (cps) 60
0 STATIC DOWN FLOW (cps) 60

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

TOOL STATIONARY @ 2875'

Database File: btstoiw2.db
Dataset Pathname: run8/pass16
Presentation Format: FLOW
Dataset Creation: Wed May 07 15:26:28 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0 LINE SPEED DOWN (ft/min)100
0 LINE SPEED UP (ft/min) 100
0 SPINNER UP CCW (cps) 50



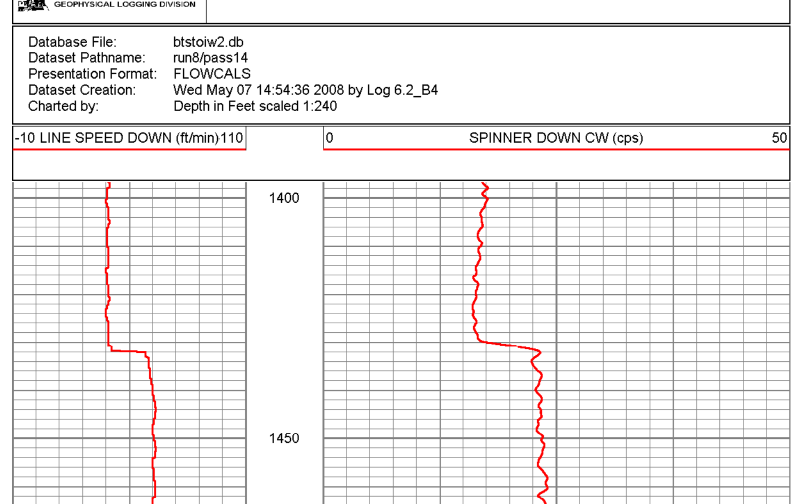
0 LINE SPEED DOWN (ft/min)100
0 LINE SPEED UP (ft/min) 100
0 SPINNER UP CCW (cps) 50

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

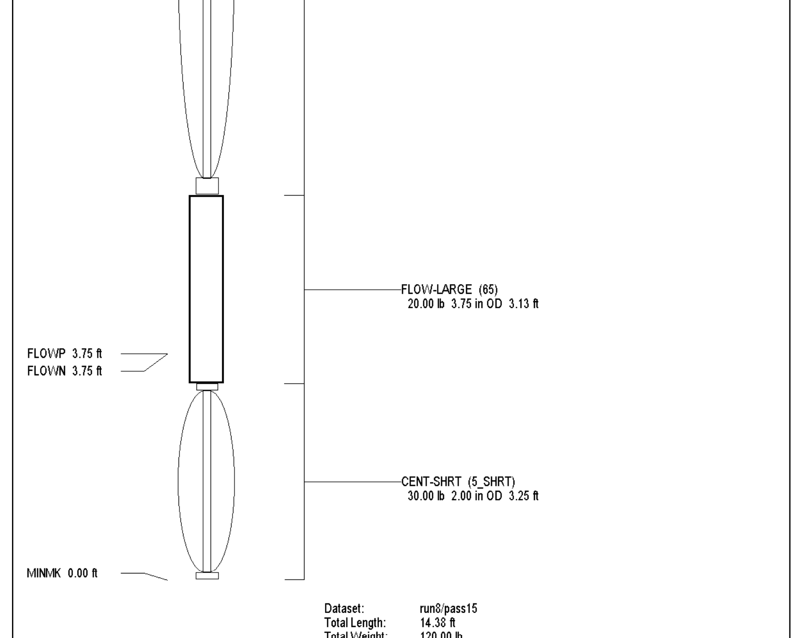
FLOCALS 50,70,90 FPM

Database File: btstoiw2.db
Dataset Pathname: run8/pass14
Presentation Format: FLOWCALS
Dataset Creation: Wed May 07 14:54:36 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

-10 LINE SPEED DOWN (ft/min)110
0 SPINNER DOWN CW (cps) 50



-10 LINE SPEED DOWN (ft/min)110
0 SPINNER DOWN CW (cps) 50



Dataset: run8/pass15
Total Length: 14.38 ft
Total Weight: 120.00 lb
O.D. 3.75 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL
Location MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services SEE COMMENTS

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

Date	28-JUN-2008
Run Number	NINE
Depth Driller	3002'
Depth Logger	3002'
Bottom Logged Interval	3002'
Top Log Interval	CASING
Open Hole Size	32.5", 28", 22"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	1300
Equipment Number	103
Location	FT MYERS
Recorded By	MOREY
Witnessed By	M BLACK

Borehole Record							
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'	NINE	22"	CASING	3002'

	Size	Wgt/Ft	Top	Bottom
Casing Record				
Surface String	54"	.375' W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner				

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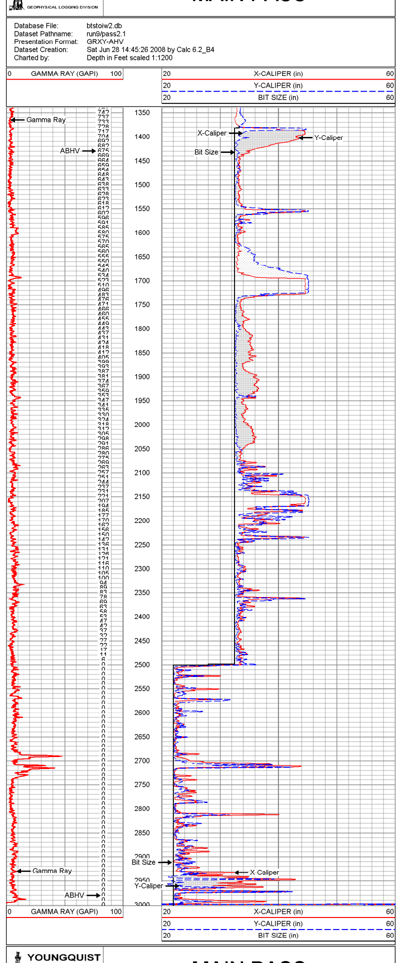
Comments

ANNULAR BOREHOLE VOLUME CALCULATED IN BARRILS FOR 24" CASING

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

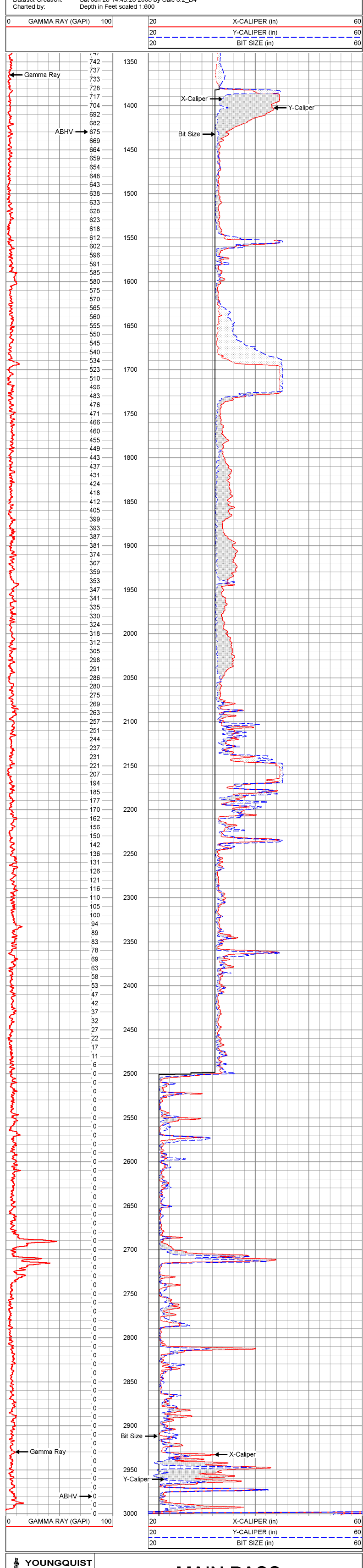
MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run9/pass2.1
Presentation Format: GRXY-AHV
Dataset Creation: Sat Jun 28 14:45:26 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:1200



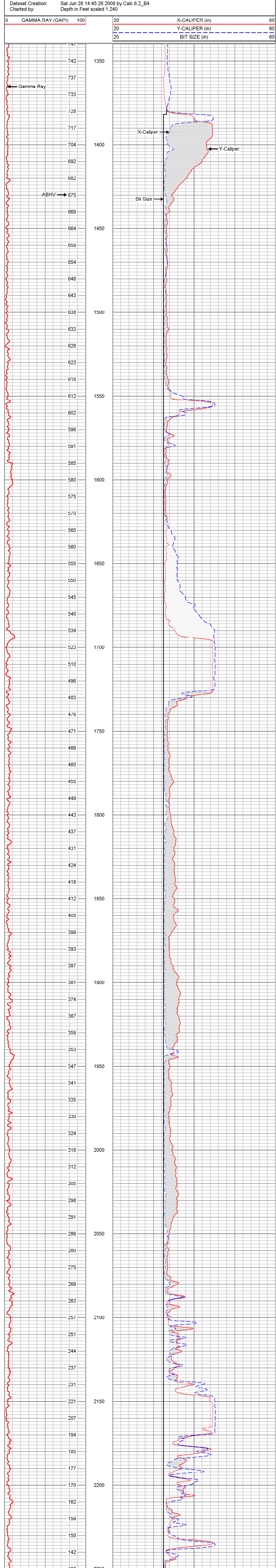
YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

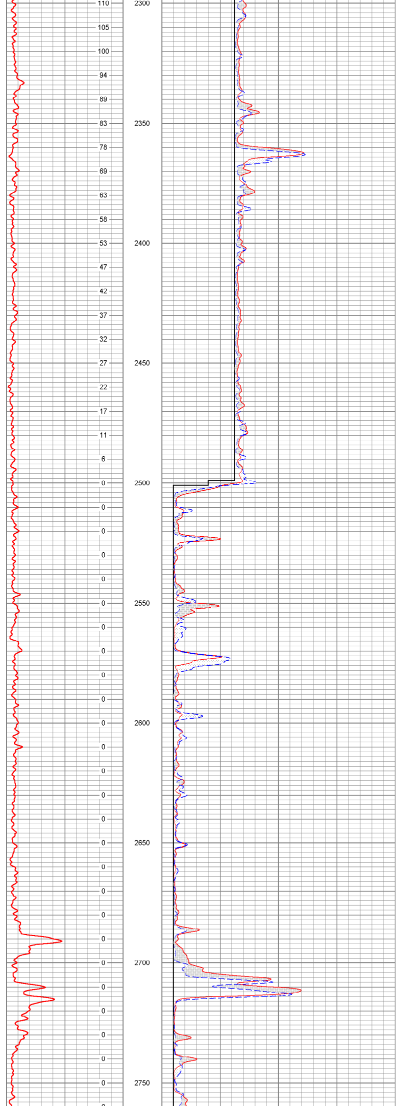
MAIN PASS



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: run9/pass1.1
Presentation Format: GRXY-AHV
Dataset Creation: Sat Jun 28 14:48:07 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:240



XY Caliper Calibration Report

Serial Number/Model: 01BSM-XYCSM
Performed: Tue Jun 24 00:28:41 2008

Ring		X Caliper		Y Caliper	
1: 5.81	in	398.499	cps	454.555	cps
2: 13.4	in	499.9	cps	564.965	cps
3: 33.25	in	936.19	cps	939.048	cps
4: 39.25	in	1068.17	cps	1042.24	cps
5:	in		cps		cps
6:	in		cps		cps

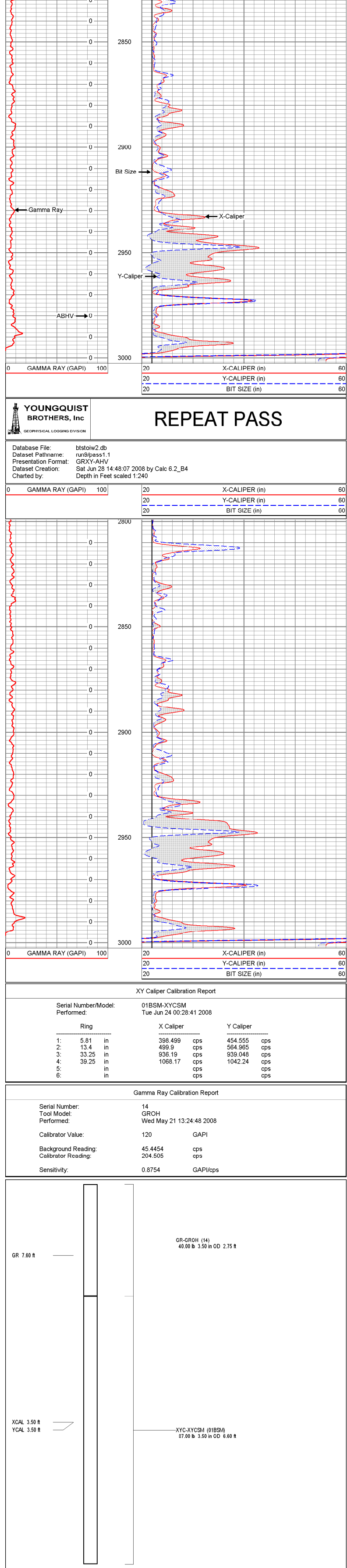
Gamma Ray Calibration Report

Serial Number: 14
Tool Model: GROH
Performed: Wed May 21 13:24:48 2008

Calibrator Value: 120 GAPI

Background Reading: 45.4454 cps
Calibrator Reading: 204.505 cps

Sensitivity: 0.8754 GAPI/cps



Dataset: run9/pass2.1
Total Length: 9.35 ft
Total Weight: 127.00 lb
O.D.: 3.50 in

YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL

Location MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL

Other Services SEE COMMENTS

Permanent Datum
Log Measured From
Drilling Measured From

Elevation

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

Date	29-JULY-2008
Run Number	THIRTEEN
Depth Driller	3002'
Depth Logger	3000'
Bottom Logged Interval	3000'
Top Log Interval	CASING
Open Hole Size	22"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	SURFACE
Time Well Ready	1100
Time Logger on Bottom	1130
Equipment Number	103
Location	FT MYERS
Recorded By	CATHEY
Witnessed By	M. BLACK

Borehole Record

Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'	NINE	22"	CASING	3002'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner	24"	.500" W.T.	SURFACE	2503'
FRP	18"	FRP	SURFACE	2492'

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Comments

OTHER SERVICES:

FLUID CONDUCTIVITY / TEMP
DUAL INDUCTION
SONIC
CBL
VIDEO

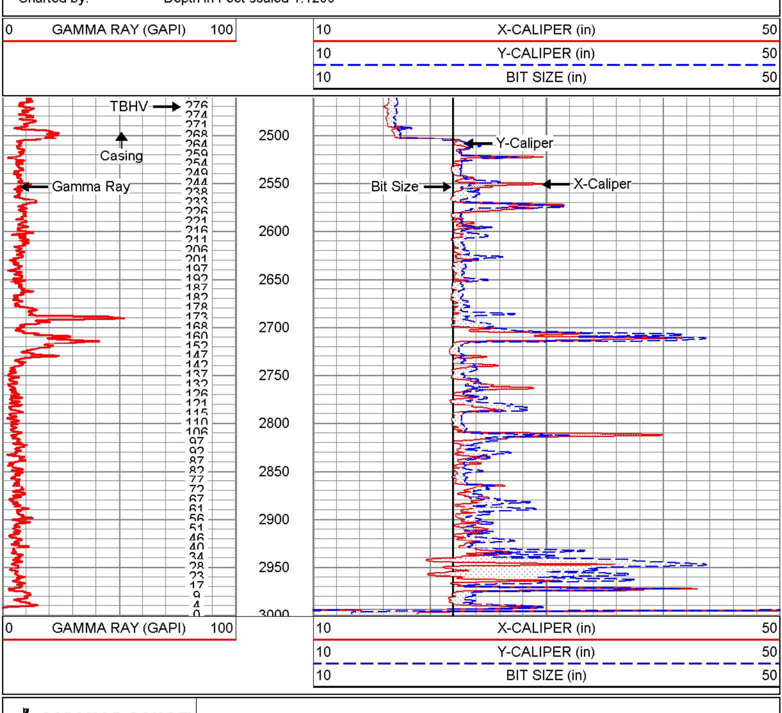
BOREHOLE VOLUME IN BARRELS

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	btstoiw2.db
Dataset Pathname:	run13/pass3
Presentation Format:	GRXYC
Dataset Creation:	Tue Jul 29 11:41:29 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:1200

0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 50
10 Y-CALIPER (in) 50
10 BIT SIZE (in) 50



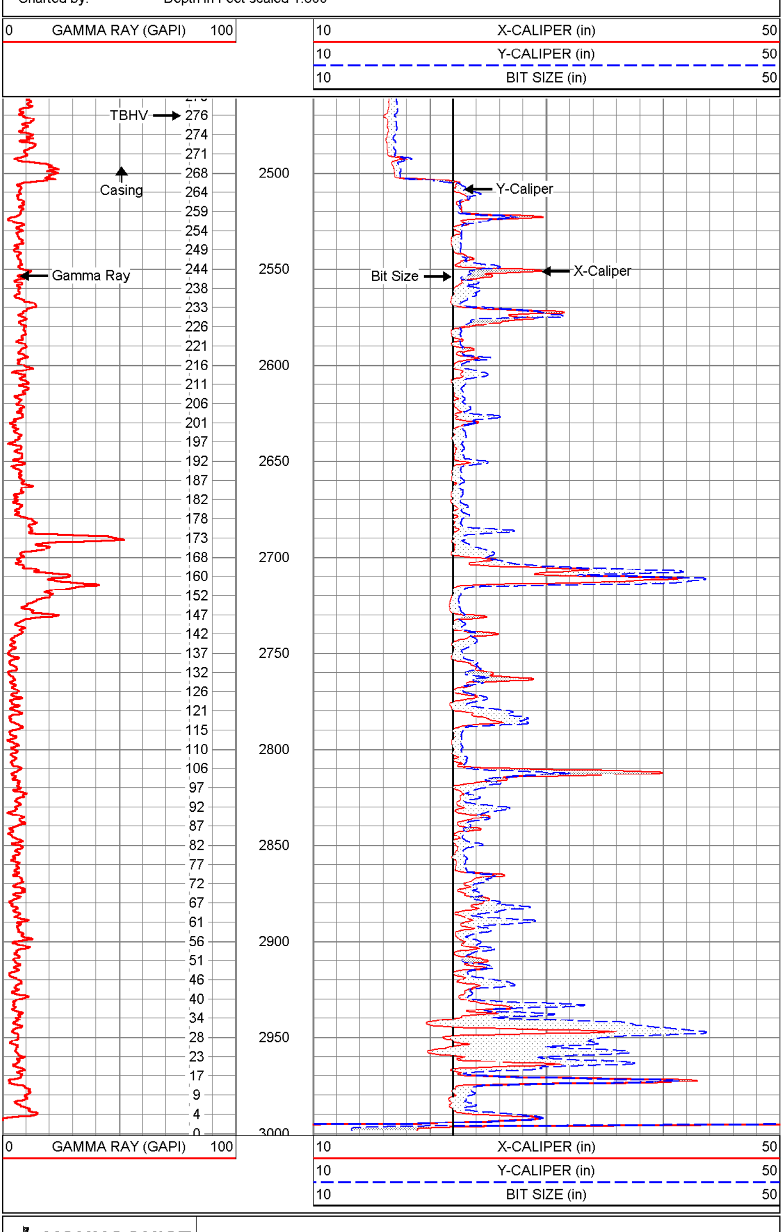
0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 50
10 Y-CALIPER (in) 50
10 BIT SIZE (in) 50

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	btstoiw2.db
Dataset Pathname:	run13/pass3
Presentation Format:	GRXYC
Dataset Creation:	Tue Jul 29 11:41:29 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:600

0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 50
10 Y-CALIPER (in) 50
10 BIT SIZE (in) 50



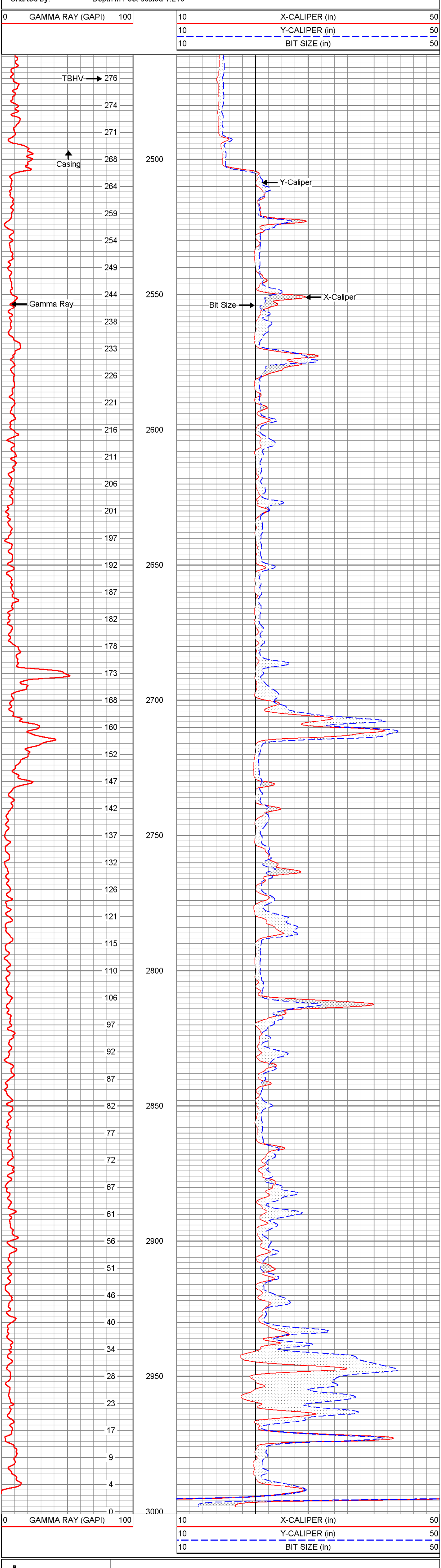
0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 50
10 Y-CALIPER (in) 50
10 BIT SIZE (in) 50

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	btstoiw2.db
Dataset Pathname:	run13/pass3
Presentation Format:	GRXYC
Dataset Creation:	Tue Jul 29 11:41:29 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 50
10 Y-CALIPER (in) 50
10 BIT SIZE (in) 50



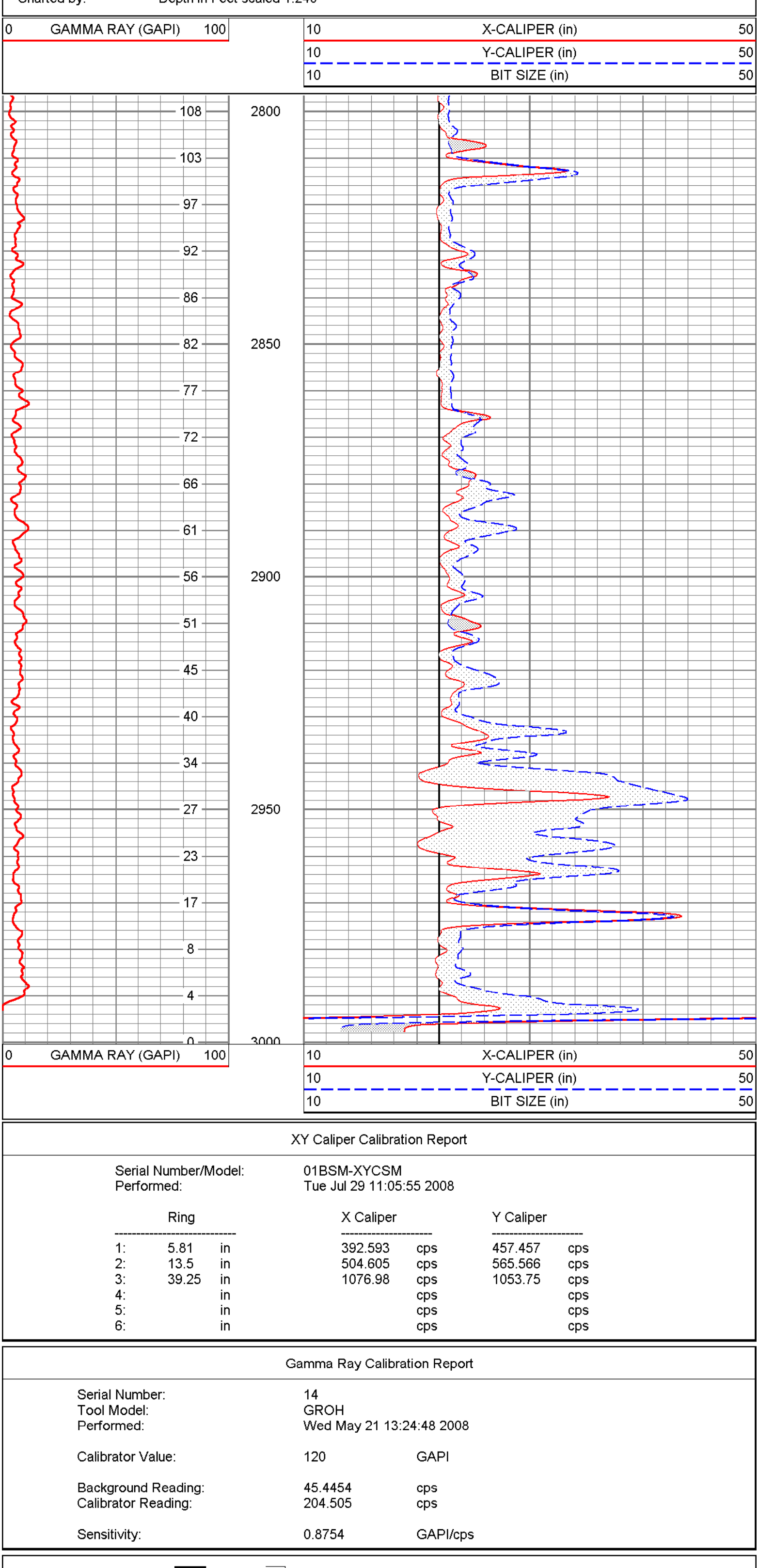
0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 50
10 Y-CALIPER (in) 50
10 BIT SIZE (in) 50

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File:	btstoiw2.db
Dataset Pathname:	run13/pass2
Presentation Format:	GRXYC
Dataset Creation:	Tue Jul 29 11:29:23 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 50
10 Y-CALIPER (in) 50
10 BIT SIZE (in) 50



0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 50
10 Y-CALIPER (in) 50
10 BIT SIZE (in) 50

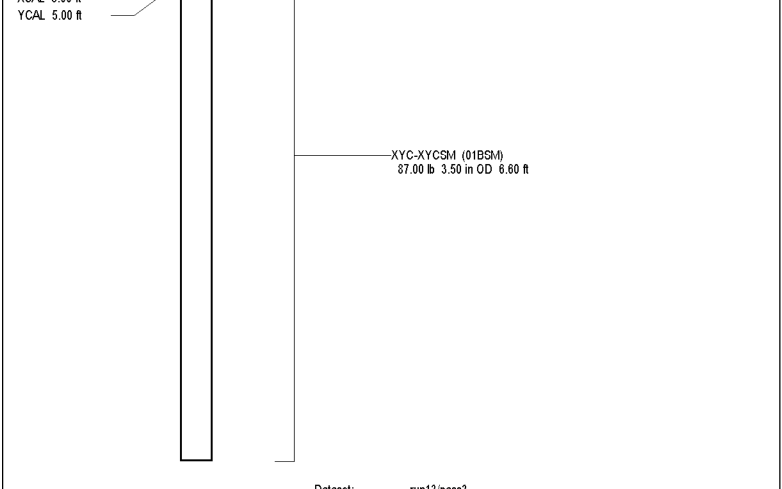
XY Caliper Calibration Report

Serial Number/Model: 01BSM-XYCSM
Performed: Tue Jul 29 11:05:55 2008

Ring			X Caliper		Y Caliper	
1:	5.81	in	392.593	cps	457.457	cps
2:	13.5	in	504.605	cps	565.566	cps
3:	39.25	in	1076.98	cps	1053.75	cps
4:		in		cps		cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	14	
Tool Model:	GROH	
Performed:	Wed May 21 13:24:48 2008	
Calibrator Value:	120	GAPI
Background Reading:	45.4454	cps
Calibrator Reading:	204.505	cps
Sensitivity:	0.8754	GAPI/cps



Dataset:	run13/pass3
Total Length:	9.35 ft
Total Weight:	127.00 lb
O.D.	3.50 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

DUAL INDUCTION LL3 with SP LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL
Location MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services SEE COMMENTS

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

Date	29-JULY-2008
Run Number	THIRTEEN
Depth Driller	3002'
Depth Logger	3000'
Bottom Logged Interval	3000'
Top Log Interval	CASING
Open Hole Size	22"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	SURFACE
Time Well Ready	1100
Time Logger on Bottom	1130
Equipment Number	103
Location	FT MYERS
Recorded By	CATHEY
Witnessed By	M. BLACK

Borehole Record

Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'	NINE	22"	CASING	3002'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner	24"	.500" W.T.	SURFACE	2503'
FRP	18"	FRP	SURFACE	2492'

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Comments

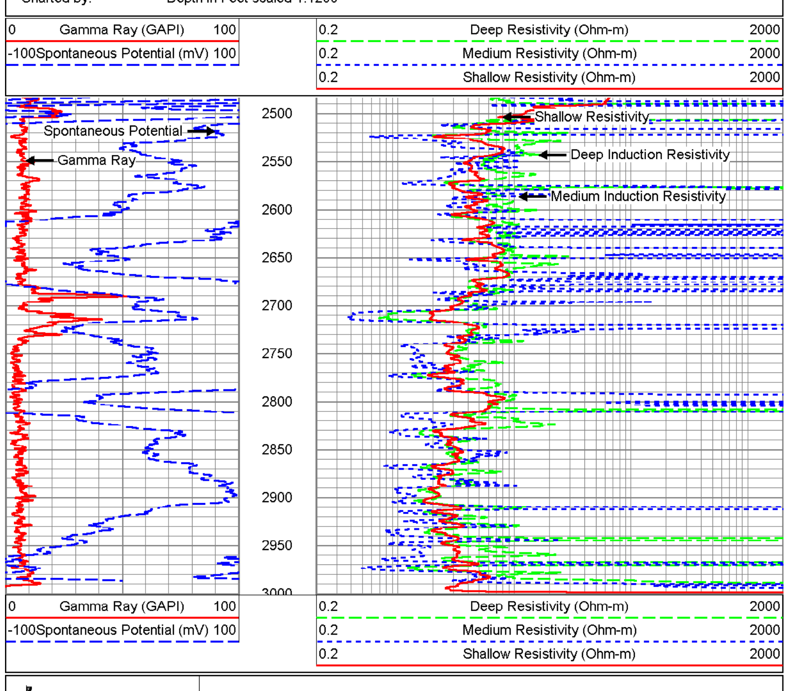
OTHER SERVICES:

FLUID CONDUCTIVITY / TEMP
X-Y CALIPER / GAMMA RAY
SONIC
CBL

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

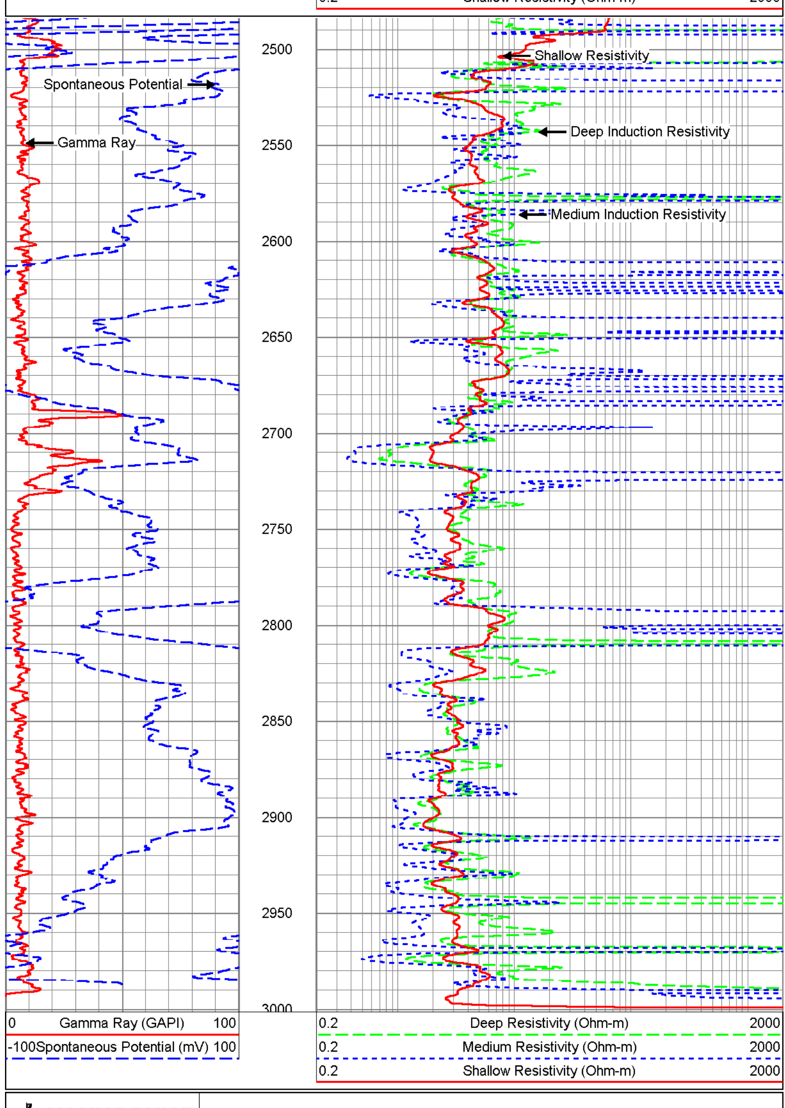
Database File: btstoiw2.db
Dataset Pathname: run13/pass5
Presentation Format: DIL
Dataset Creation: Tue Jul 29 12:34:47 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:1200



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

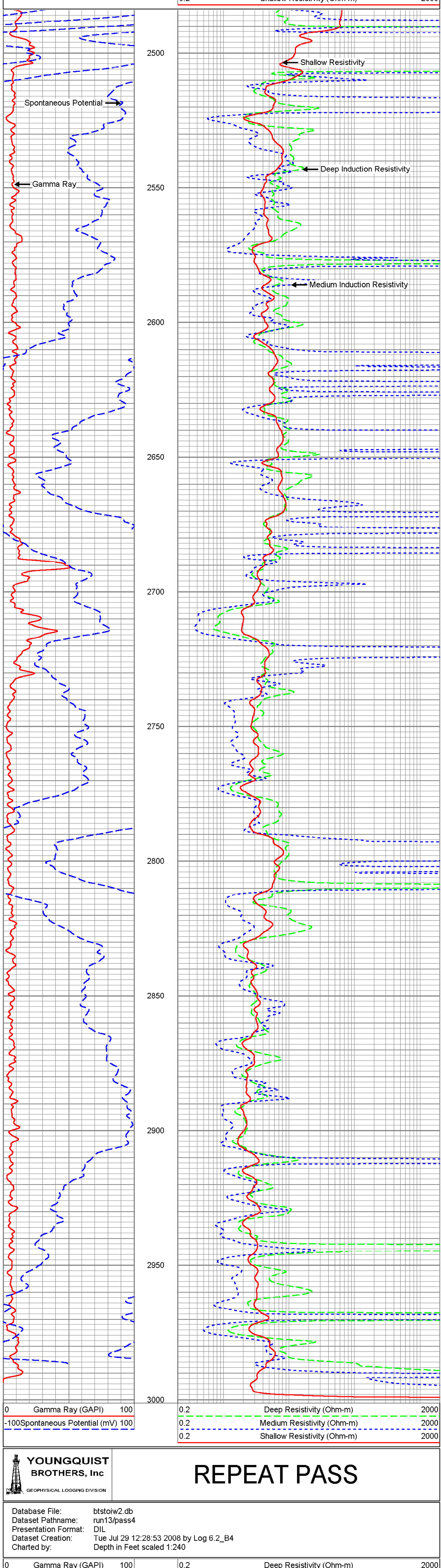
Database File: btstoiw2.db
Dataset Pathname: run13/pass5
Presentation Format: DIL
Dataset Creation: Tue Jul 29 12:34:47 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

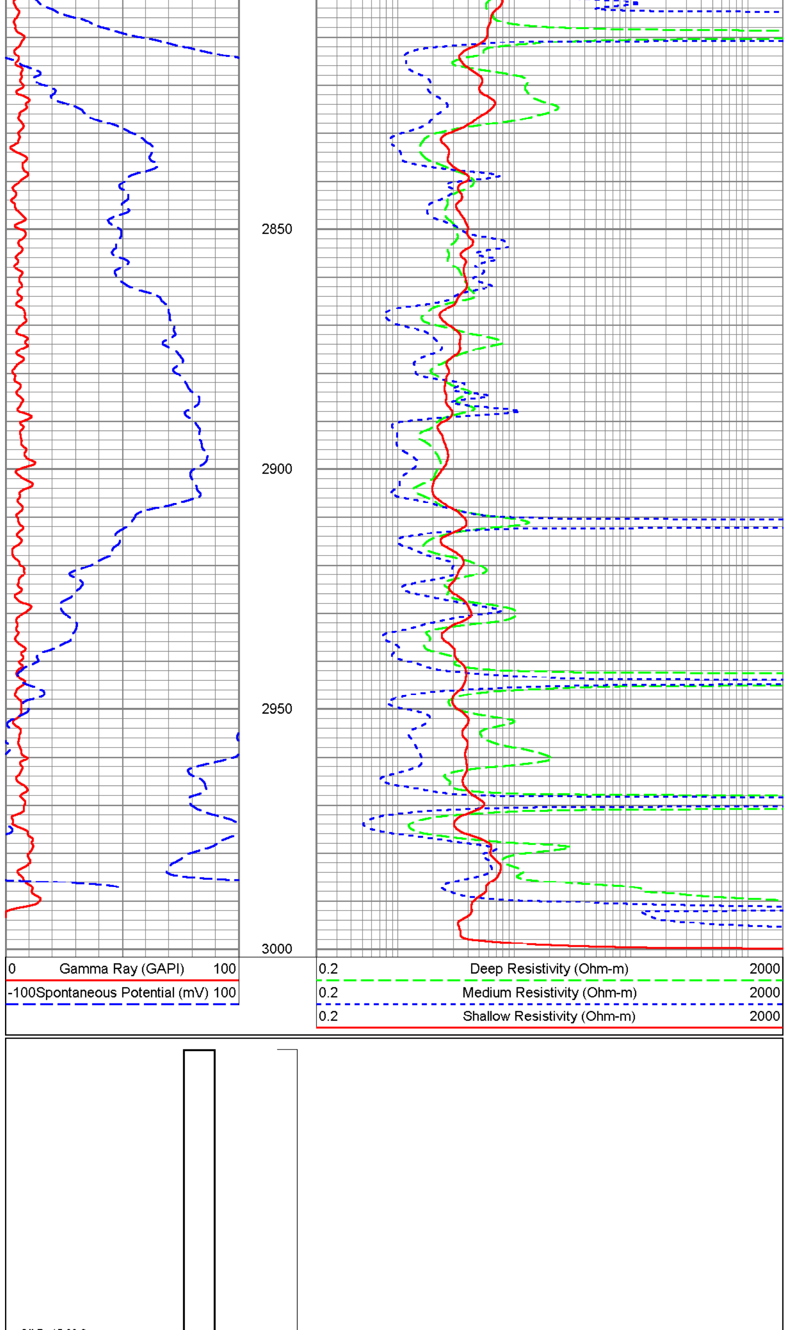
Database File: btstoiw2.db
Dataset Pathname: run13/pass5
Presentation Format: DIL
Dataset Creation: Tue Jul 29 12:34:47 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

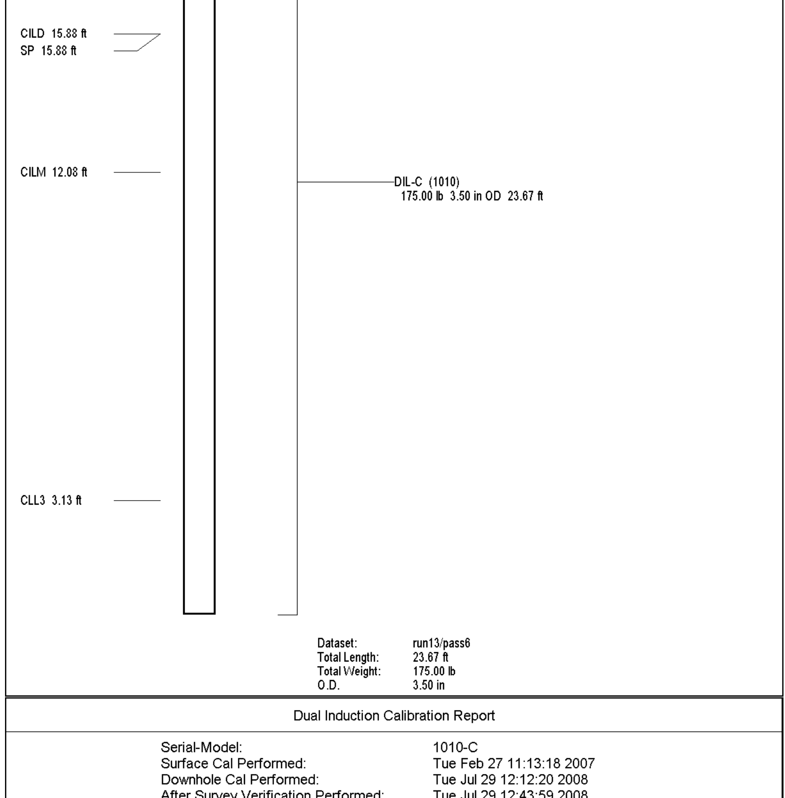


YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: run13/pass4
Presentation Format: DIL
Dataset Creation: Tue Jul 29 12:28:53 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240





Dataset: run13/pass6
Total Length: 23.67 ft
Total Weight: 175.00 lb
O.D. 3.50 in

Dual Induction Calibration Report

Serial-Model: 1010-C
Surface Cal Performed: Tue Feb 27 11:13:18 2007
Downhole Cal Performed: Tue Jul 29 12:12:20 2008
After Survey Verification Performed: Tue Jul 29 12:43:59 2008

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.005	0.647	V	0.000	400.000	mmho-m	613.288	3.301
Medium	0.010	0.714	V	0.000	464.000	mmho-m	658.369	-6.281
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.009	0.641	V	8.610	397.880	mmho-m	615.374	3.164
Medium	0.007	0.710	V	-1.120	462.890	mmho-m	659.667	-5.714

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	9.178	402.878	mmho-m	8.729	396.680	mmho-m	0.985	-0.315
Medium	0.032	469.683	mmho-m	-1.696	461.400	mmho-m	0.986	-1.727
Shallow	0.034	0.402		3.000	88.900	mmho-m	233.843	-5.037

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	9.968	404.113	mmho-m	9.178	402.878	mmho-m	0.985	-0.315
Medium	0.446	468.670	mmho-m	0.032	469.683	mmho-m	0.986	-1.727
Shallow	3.622	89.572	mmho-m	3.000	88.900	mmho-m	0.999	-0.620

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

BOREHOLE COMPENSATED SONIC with VDL LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL
Location MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services SEE COMMENTS
Permanent Datum Elevation
Log Measured From
Drilling Measured From
Elevation K.B. D.F. G.L.

Date	29-JULY-2008		
Run Number	THIRTEEN		
Depth Driller	3002'		
Depth Logger	3000'		
Bottom Logged Interval	3000'		
Top Log Interval	CASING		
Open Hole Size	22"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	SURFACE		
Time Well Ready	1100		
Time Logger on Bottom	1130		
Equipment Number	103		
Location	FT MYERS		
Recorded By	CATHEY		
Witnessed By	M. BLACK		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'	NINE	22"	CASING	3002'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner	24"	.500" W.T.	SURFACE	2503'
FRP	18"	FRP	SURFACE	2492'

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Comments

OTHER SERVICES:

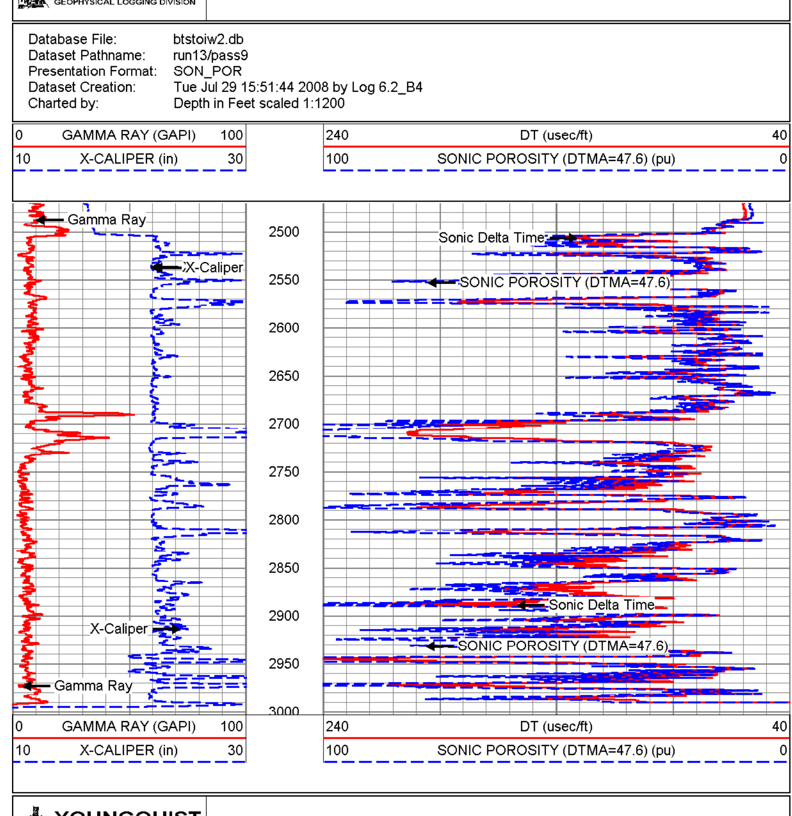
FLUID CONDUCTIVITY / TEMP
X-Y CALIPER / GAMMA RAY
DUAL INDUCTION
CBL

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run13/pass9
Presentation Format: SON_POR
Dataset Creation: Tue Jul 29 15:51:44 2008 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



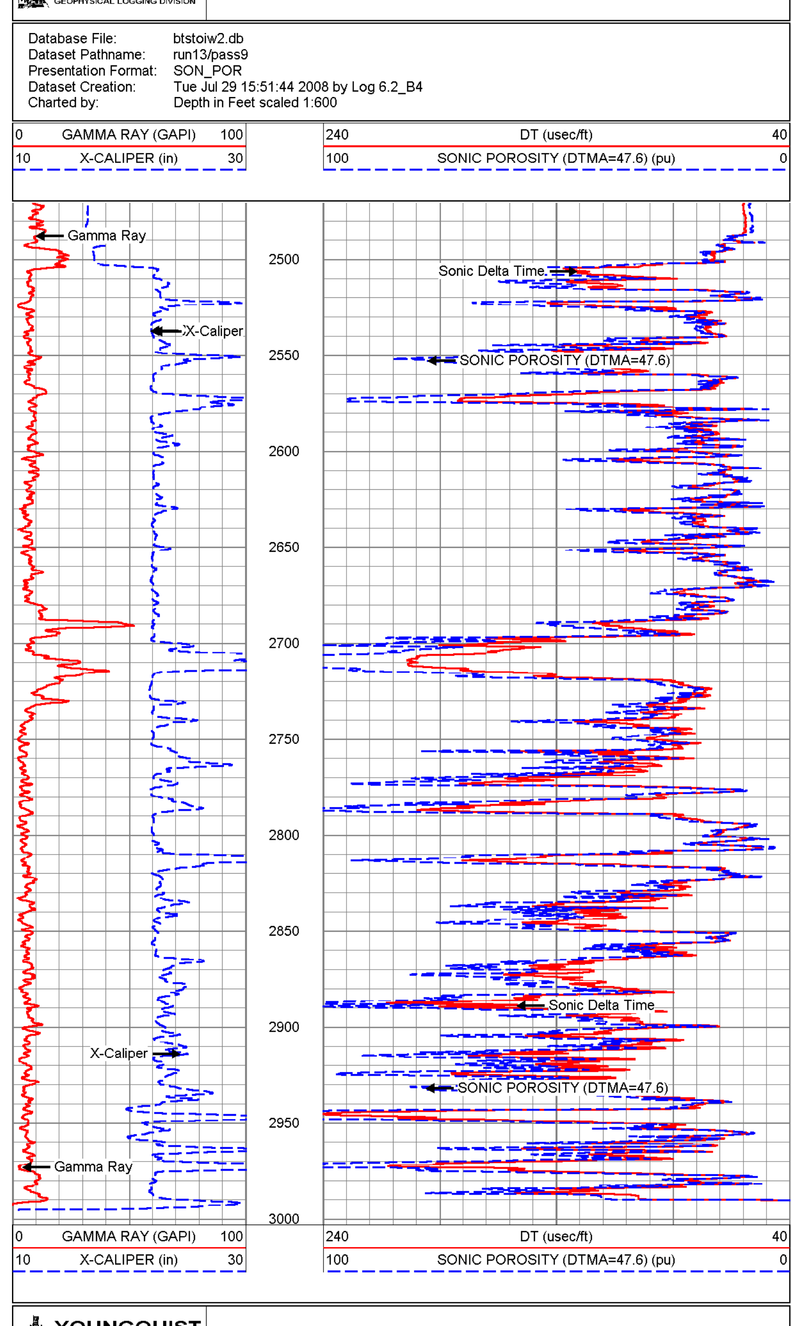
0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 30
240 DT (usec/ft) 40
100 SONIC POROSITY (DTMA=47.6) (pu) 0

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run13/pass9
Presentation Format: SON_POR
Dataset Creation: Tue Jul 29 15:51:44 2008 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



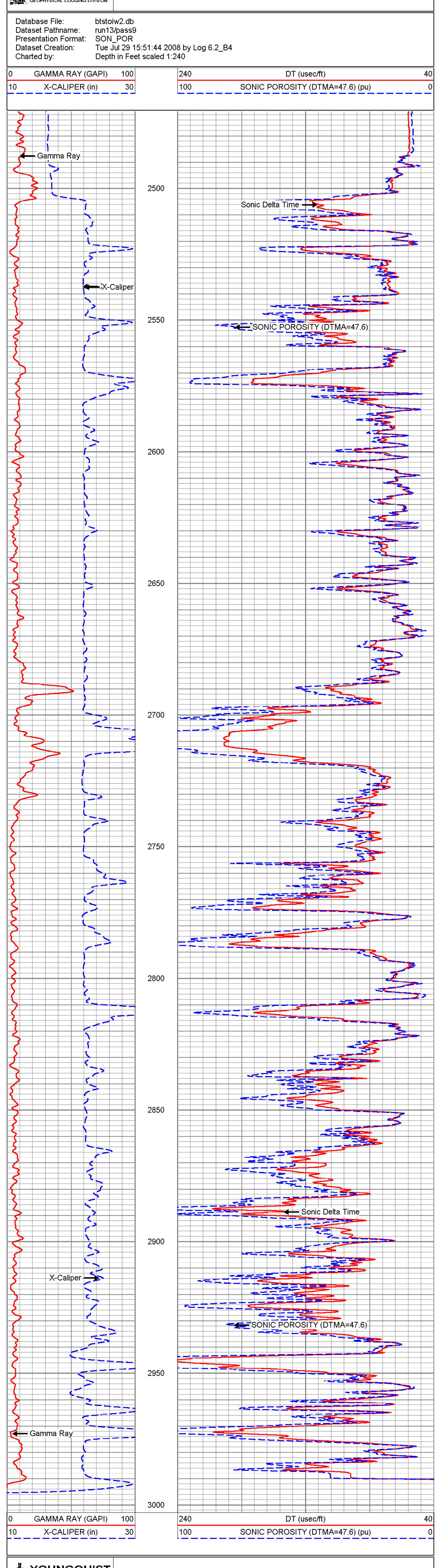
0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 30
240 DT (usec/ft) 40
100 SONIC POROSITY (DTMA=47.6) (pu) 0

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run13/pass9
Presentation Format: SON_POR
Dataset Creation: Tue Jul 29 15:51:44 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 30
240 DT (usec/ft) 40
100 SONIC POROSITY (DTMA=47.6) (pu) 0

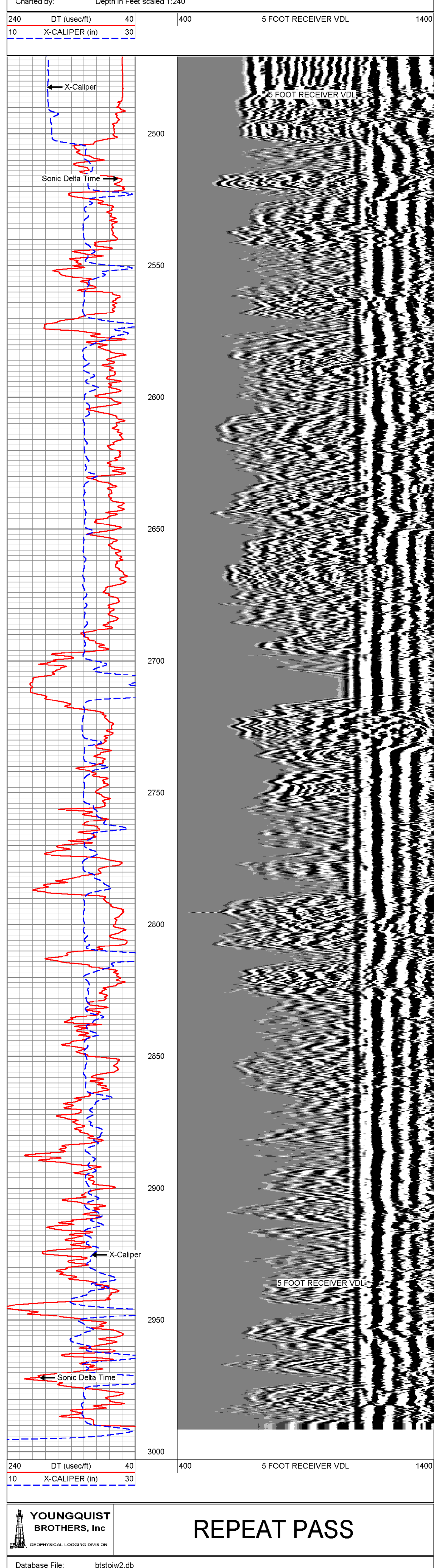


0 GAMMA RAY (GAPI) 100
10 X-CALIPER (in) 30
240 DT (usec/ft) 40
100 SONIC POROSITY (DTMA=47.6) (pu) 0

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

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



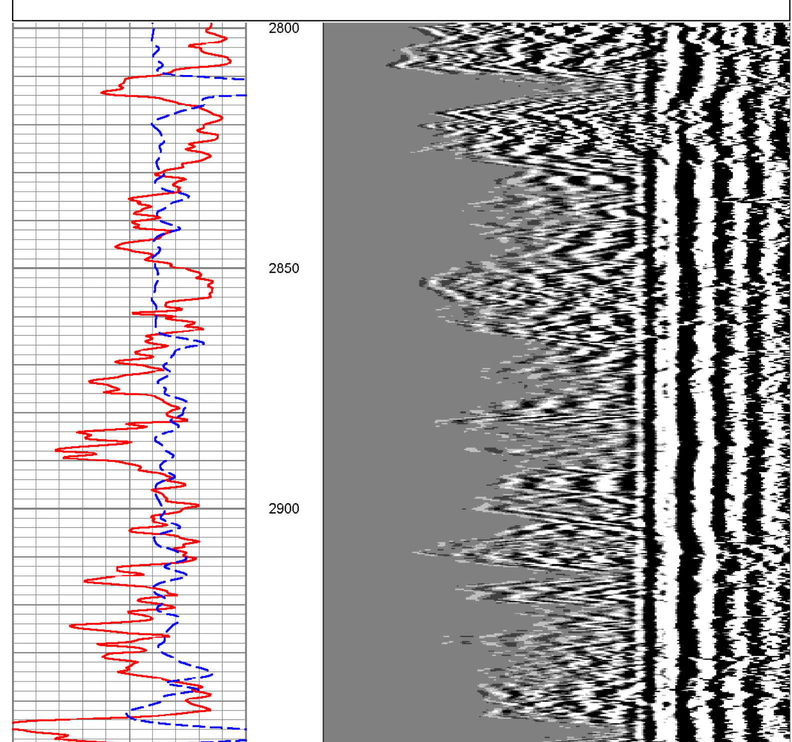
240 DT (usec/ft) 40
10 X-CALIPER (in) 30
400 5 FOOT RECEIVER VDL 1400

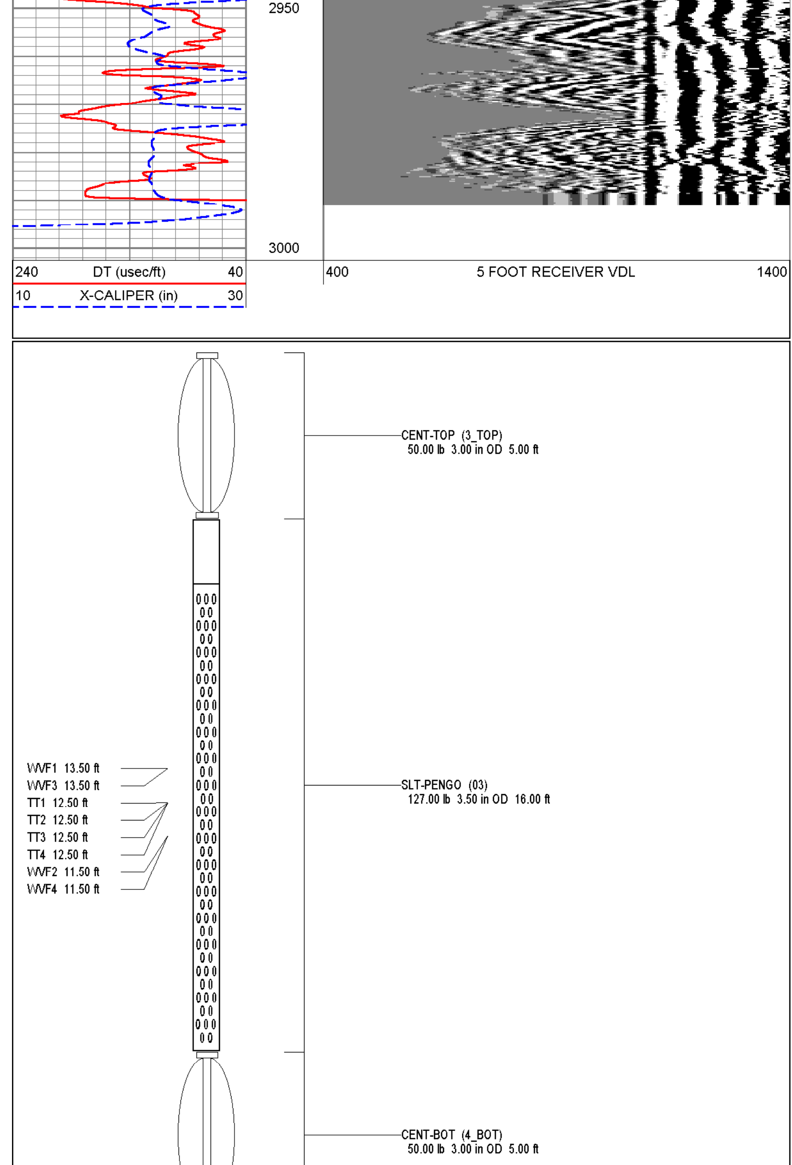
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: run13/pass8
Presentation Format: SON_VDL
Dataset Creation: Tue Jul 29 15:40:48 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

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





YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FLUID CONDUCTIVITY TEMPERATURE LOG

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL

Location: MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL

Other Services: SEE COMMENTS

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

Date	29-JULY-2008		
Run Number	THIRTEEN		
Depth Driller	3002'		
Depth Logger	3002'		
Bottom Logged Interval	3002'		
Top Log Interval	CASING		
Open Hole Size	22"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	SURFACE		
Time Well Ready	1100		
Time Logger on Bottom	1130		
Equipment Number	103		
Location	FT MYERS		
Recorded By	CATHEY		
Witnessed By	M. BLACK		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'	NINE	22"	CASING	3002'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner	24"	.500" W.T.	SURFACE	2503'
FRP	18"	FRP	SURFACE	2492'

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Comments

OTHER SERVICES:
X-Y CALIPER / GAMMA RAY
DUAL INDUCTION
SONIC
CBL
VIDEO

YOUNGQUIST BROTHERS, Inc — FLUID CONDUCTIVITY / TEMI

Database File: btstoiw2.db
Dataset Pathname: run13/pass1
Presentation Format: FRTTEMP
Dataset Creation: Tue Jul 29 11:17:41 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

TEMPERATURE (degF) 90–110	Depth	FLUID CONDUCTIVITY (uS) 20–200000
101.2		62110
101.2		62679
101.0	2500	60739
100.8		62628
100.8		63042
	2550	
100.8		60951
100.8		58873
100.8	2600	61535
100.8		59769
100.8		62692
	2650	
100.8		62961
100.8		61818
100.8	2700	63213
100.9		61110
100.9		62458
	2750	
100.9		62326
100.9		63410
100.9	2800	63083
100.9		63672
100.9		63652
	2850	
100.9		63588
100.9		63380
100.9	2900	63717
100.9		61731
100.9		63753
	2950	
100.9		62389
100.9		62670
	3000	49910

90 TEMPERATURE (degF) 110 — 20 FLUID CONDUCTIVITY (uS) 200000

FRT Calibration Report

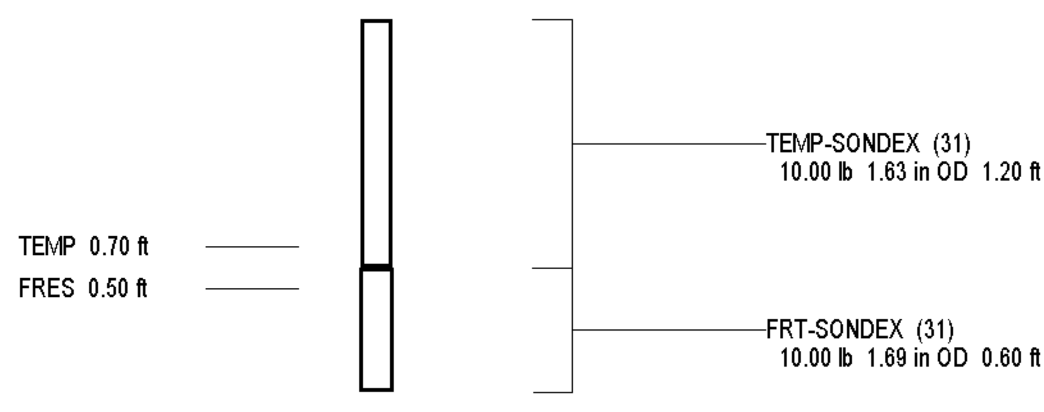
Serial Number: 31
Tool Model: SONDEX
Performed: Mon Jun 09 10:53:41 2008

Point #	Reading		Reference
1	31.165	cps	1000.000
2	167.193	cps	10000.000
3	415.824	cps	25000.000
4	918.476	cps	50000.000
5		cps	
6		cps	

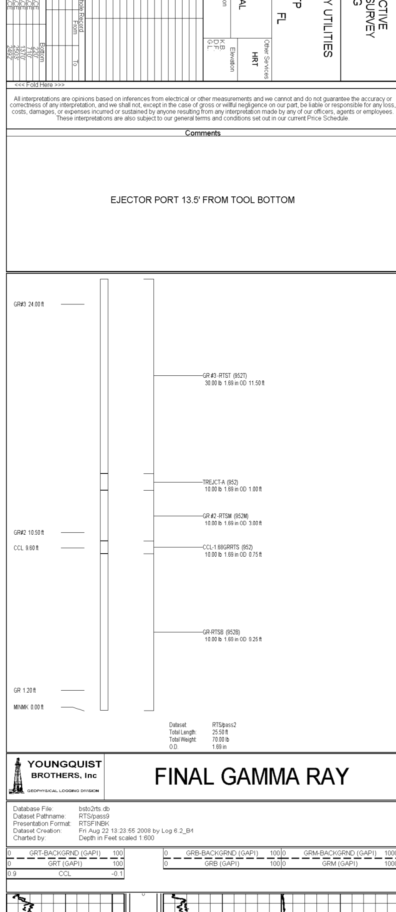
Temperature Calibration Report

Serial Number: 31
Tool Model: SONDEX
Performed: Mon Jun 09 10:53:33 2008

Point #	Reading		Reference	
1	152.99	cps	39	degF
2	330.989	cps	82	degF
3	688.237	cps	157	degF



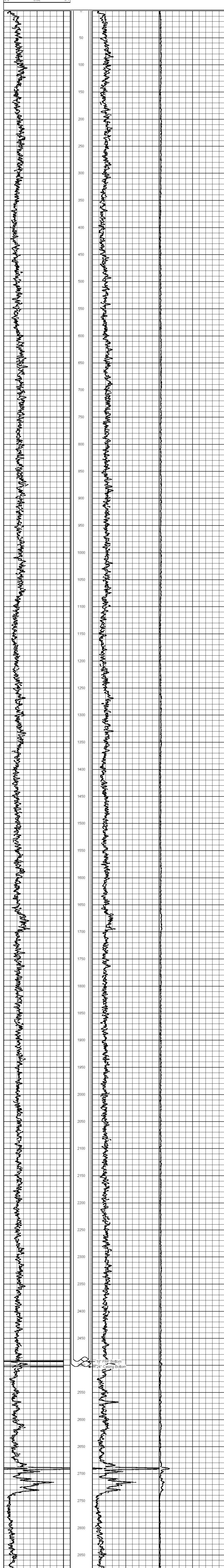
Dataset: run13/pass1
Total Length: 1.80 ft
Total Weight: 20.00 lb
O.D.: 1.69 in



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

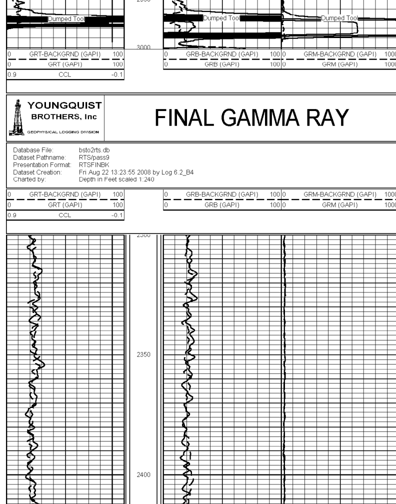
FINAL GAMMA RAY

Database File: bsto2rts.db
Dataset Pathname: RTS/pass9
Presentation Format: RTSFINBK
Dataset Creation: Fri Aug 22 13:23:55 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600



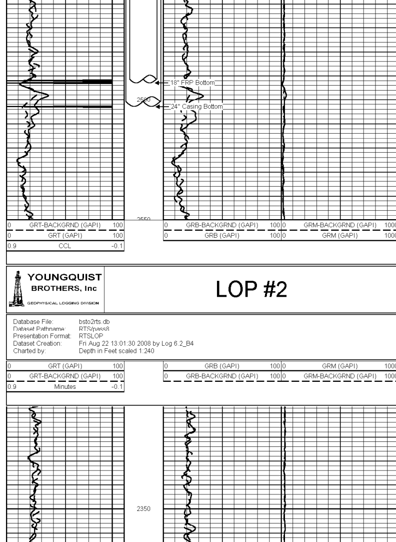
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FINAL GAMMA RAY



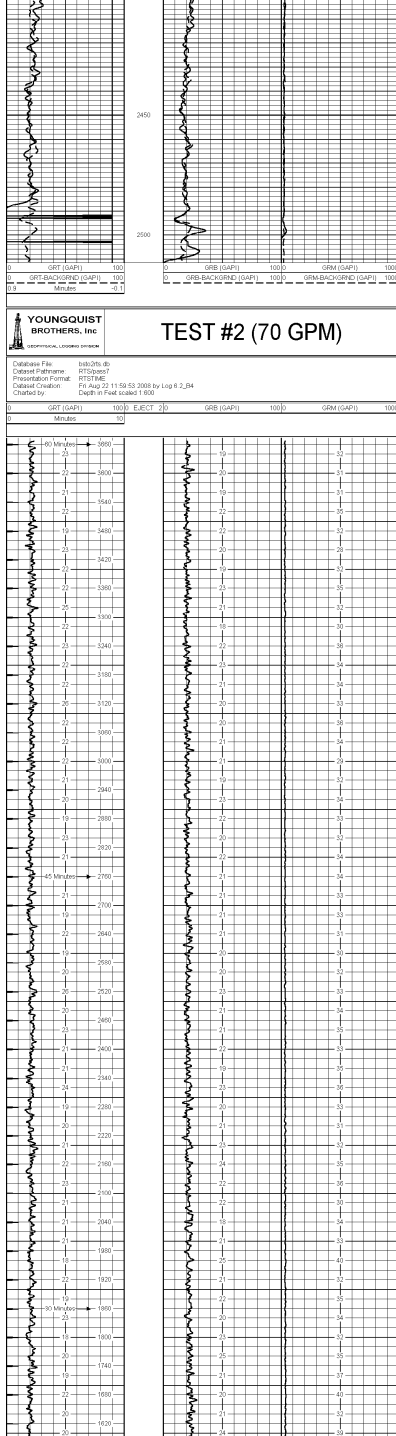
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

LOP #2



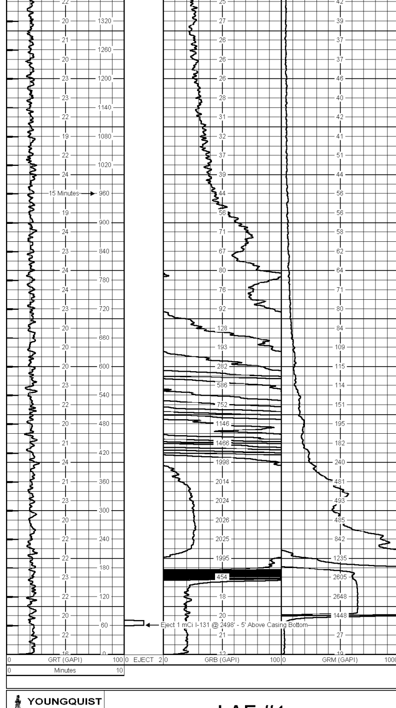
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

TEST #2 (70 GPM)



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

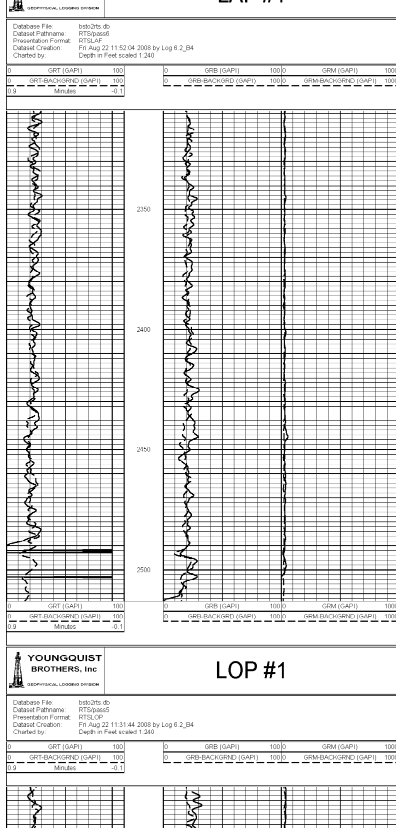
LAF #1



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

LOP #1

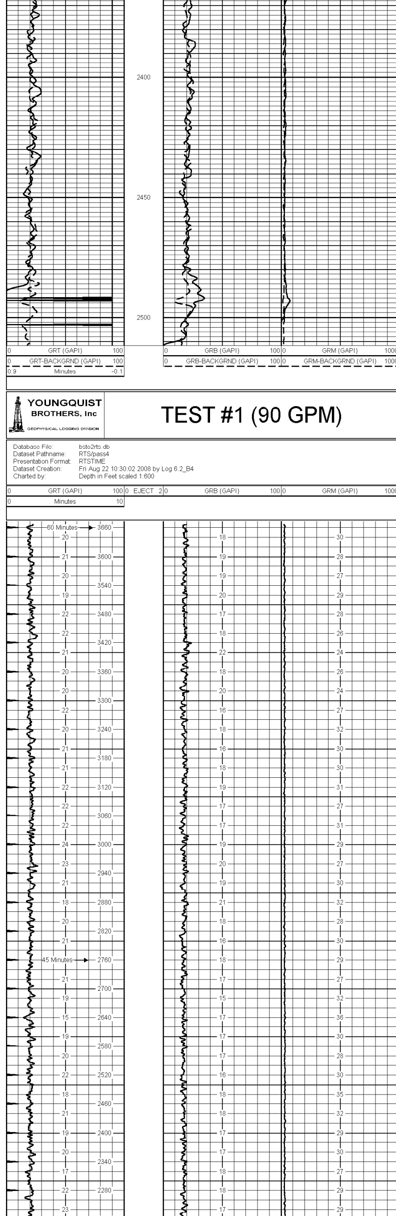
Database File: bsto2rts.db
Dataset Pathname: RTS/pass5
Presentation Format: RTSLOP
Dataset Creation: Fri Aug 22 11:31:44 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

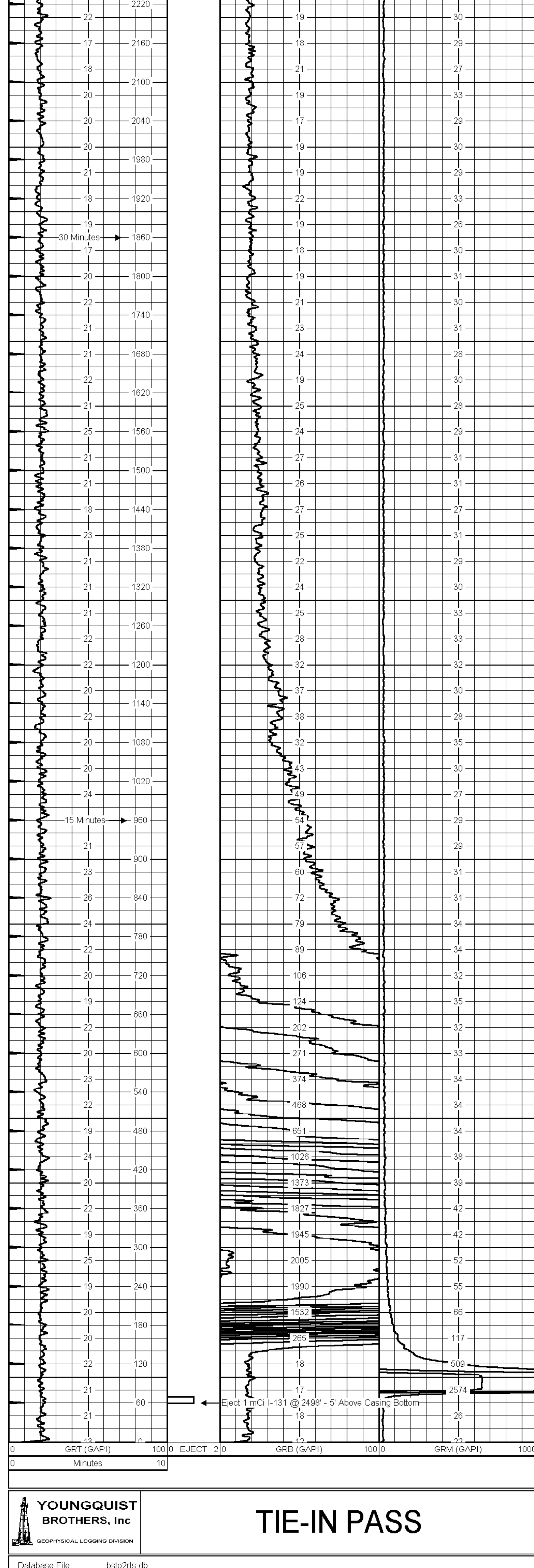


YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

TEST #1 (90 GPM)

Database File: bsto2rts.db
Dataset Pathname: RTS/pass4
Presentation Format: RTSTIME
Dataset Creation: Fri Aug 22 10:30:02 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600





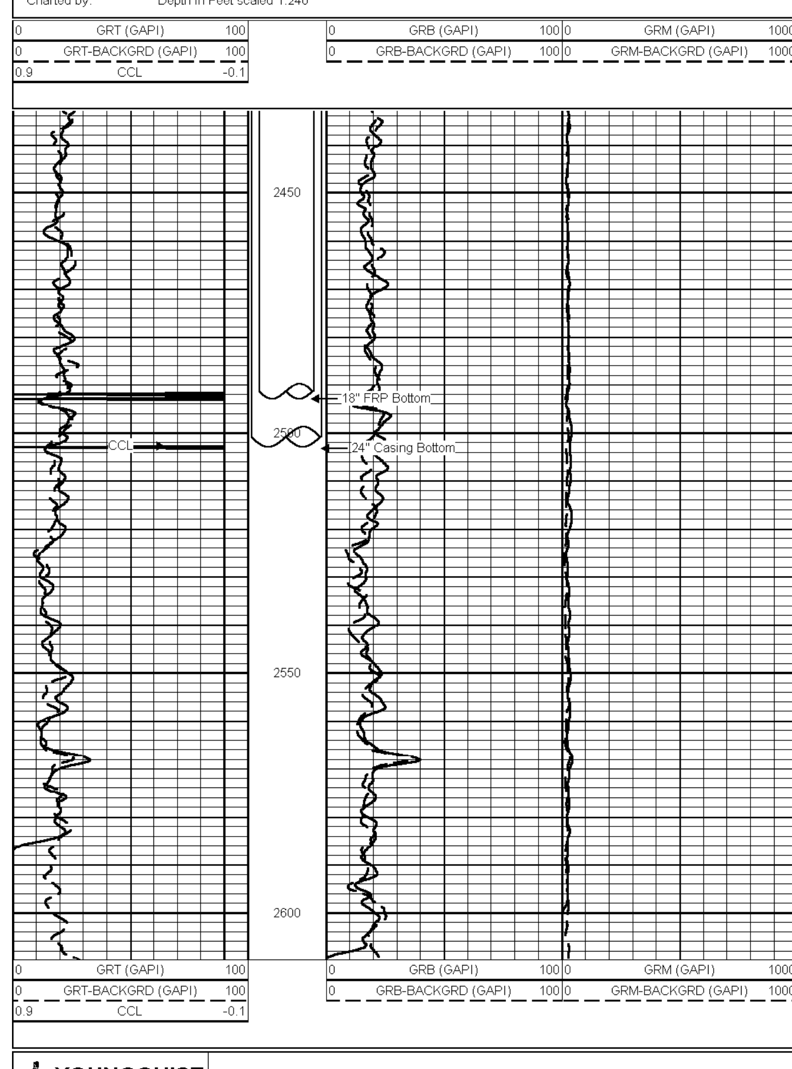
0	GRT (GAPI)	100	0	EJECT	2	0	GRB (GAPI)	100	0	GRM (GAPI)	1000
0	Minutes	10									

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

TIE-IN PASS

Database File: bsto2rts.db
Dataset Pathname: RTS/pass3
Presentation Format: RTSTIE
Dataset Creation: Fri Aug 22 09:45:59 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0	GRT (GAPI)	100	0	GRB (GAPI)	100	0	GRM (GAPI)	1000
0	GRT-BACKGRD (GAPI)	100	0	GRB-BACKGRD (GAPI)	100	0	GRM-BACKGRD (GAPI)	1000
0.9	CCL	-0.1						



0	GRT (GAPI)	100	0	GRB (GAPI)	100	0	GRM (GAPI)	1000
0	GRT-BACKGRD (GAPI)	100	0	GRB-BACKGRD (GAPI)	100	0	GRM-BACKGRD (GAPI)	1000
0.9	CCL	-0.1						

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

BACKGROUND GAMMA RAY

Database File: bsto2rts.db
Dataset Pathname: RTS/pass2
Presentation Format: RTS
Dataset Creation: Fri Aug 22 08:08:19 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600

0	GRT-BKGRD (GAPI)	100	0	GR-BKGRD (GAPI)	100	0	GRM-BKGRD (GAPI)	1000
0.9	CCL	-0.1						

0	GRT-BKGRD (GAPI)	100	0	GR-BKGRD (GAPI)	100	0	GRM-BKGRD (GAPI)	1000
0.9	CCL	-0.1						

Gamma Ray Calibration Report

Serial Number:	952B	
Tool Model:	RTSB	
Performed:	Fri Aug 22 07:17:42 2008	
Calibrator Value:	120	GAPI
Background Reading:	62.2623	cps
Calibrator Reading:	226.527	cps
Sensitivity:	0.63054	GAPI/cps

Gamma Ray Calibration Report

Serial Number:	952M	
Tool Model:	RTSM	
Performed:	Fri Aug 22 07:17:32 2008	
Calibrator Value:	120	GAPI
Background Reading:	61.1612	cps
Calibrator Reading:	206.907	cps
Sensitivity:	0.823345	GAPI/cps

Gamma Ray Calibration Report

Serial Number:	952T	
Tool Model:	RTST	
Performed:	Fri Aug 22 07:17:57 2008	
Calibrator Value:	120	GAPI
Background Reading:	59.2593	cps
Calibrator Reading:	220.721	cps
Sensitivity:	0.7431	GAPI/cps

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

HIGH RESOLUTION TEMPERATURE LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL

Location
MALCOLM PIRNIE/
MCNABB HYDROGEOLOGICAL

Other Services
RTS

Permanent Datum / Elevation
Log Measured From
Drilling Measured From

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

Date	22-AUG-2008
Run Number	RTS
Depth Driller	3002'
Depth Logger	3002'
Bottom Logged Interval	3002'
Top Log Interval	SURFACE
Open Hole Size	22"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	103 F
Estimated Cement Top	NA
Time Well Ready	0700
Time Logger on Bottom	0800
Equipment Number	102
Location	FT. MYERS
Recorded By	CATHEY
Witnessed By	M. BLACK

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Casing String	54"	.375" W	SURFACE	220'
Casing String	44"	.375" W	SURFACE	710'
Casing String	34"	.375" W	SURFACE	1370'
Casing String	24"	.500" W	SURFACE	2503'
Casing String	18"	FRP	SURFACE	2492'

<<< Fold Here >>>

Comments

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

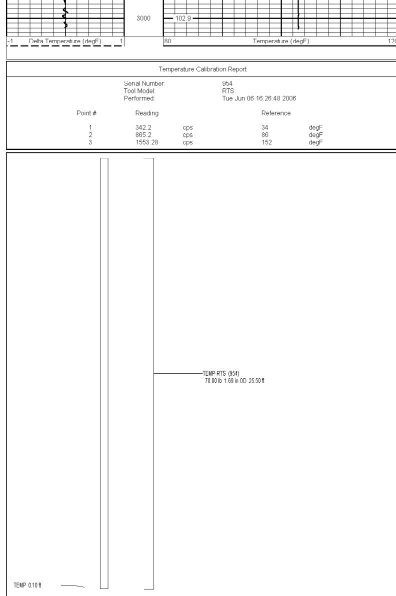
TEMPERATURE

Database File:	bsto2rts.db
Dataset Pathname:	RTS/pass1
Presentation Format:	TEMP
Dataset Creation:	Fri Aug 22 07:28:21 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

Temperature Calibration Report

Serial Number:	954
Tool Model:	RTS
Performed:	Tue Jun 06 16:26:48 2006

Point #	Reading		Reference	
1	342.2	cps	34	degF
2	865.2	cps	86	degF
3	1553.28	cps	152	degF



Dataset:	RTS/pass1
Total Length:	25.50 ft
Total Weight:	70.00 lb
O.D.	1.69 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

(24" CASING) CEMENT BOND VARIABLE DENSITY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services	NONE
Permanent Datum	
Log Measured From	
Drilling Measured From	
Elevation	K.B. D.F. G.L.

Date	7-JULY-2008
Run Number	ELEVEN
Depth Driller	3002'
Depth Logger	2490'
Bottom Logged Interval	2490'
Top Log Interval	50'
Open Hole Size	22"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	360'
Time Well Ready	0700
Time Logger on Bottom	0930
Equipment Number	103
Location	FT MYERS
Recorded By	CATHEY
Witnessed By	M. BLACK

Borehole Record

Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'	NINE	22"	CASING	3002'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner	24"	.500" W.T.	SURFACE	2503'

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Comments

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

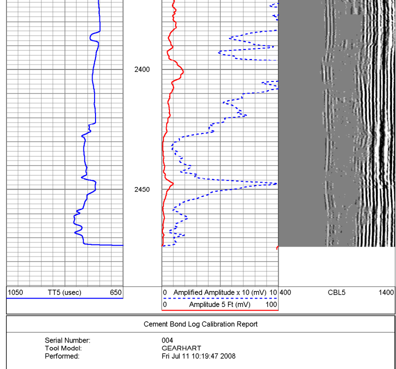
MAIN PASS

Database File: btstoiw2.db
Dataset Pathname: run11/pass2
Presentation Format: CBL01
Dataset Creation: Fri Jul 11 09:12:42 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

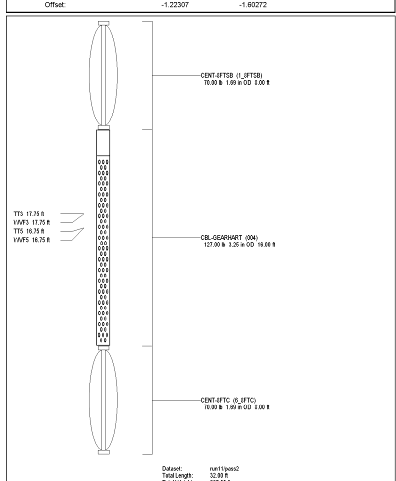
REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: run11/pass1
Presentation Format: CBL01
Dataset Creation: Fri Jul 11 09:03:51 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



Cement Bond Log Calibration Report

Serial Number:	004		
Tool Model:	GEARHART		
Performed:	Fri Jul 11 10:19:47 2008		
Depth:	267.258	ft	
Casing Diameter:	24	in	
	3' Spacing	5' Spacing	
Signal Zero:	1	1	mV
Calibrated Amplitude:	29.5181	29.5181	mV
Reading at Signal Zero:	0.0335449	0.032959	V
Reading in Free Pipe:	0.463867	0.394092	V
Gain:	66.2715	78.9685	
Offset:	-1.22307	-1.60272	



Dataset: run11/pass2
Total Length: 32.00 ft
Total Weight: 267.00 lb
O.D. 3.25 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

(24" CASING) CEMENT TOP TEMPERATURE / GAMMA RAY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company	CHARLOTTE COUNTY UTILITIES		
Well	IW-2		
Field	BURNT STORE WWTP		
County	CHARLOTTE	State	FL
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL	Other Services	SEE COMMENTS
Permanent Datum		Elevation	
Log Measured From		Elevation	K.B.
Drilling Measured From			D.F.
			G.L.

Date	1-JULY-2008	
Run Number	TEN	
Depth Driller	3002'	
Depth Logger	2495'	
Bottom Logged Interval	2495'	
Top Log Interval	SURFACE	
Open Hole Size	22"	
Type Fluid	WATER	
Density / Viscosity	NA	
Max. Recorded Temp.	120 F.	
Estimated Cement Top		
Time Well Ready	2300	
Time Logger on Bottom	2330	
Equipment Number	101	
Location	FT MYERS	
Recorded By	CATHEY	MOREY
Witnessed By	M. BLACK	D. MCNABB

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'	NINE	22"	CASING	3002'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner	24"	.500" W.T.	SURFACE	2503'

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Comments

STAGE 1 - 7/1/08 @ 2300; STAGE 2 - 7/2/08 @ 0730; STAGE 3 - 7/2/08 @ 1300; STAGE 4 - 7/2/08 @ 1930; STAGE 5 - 7/3/08 @ 0030; STAGE 6 - 7/3/08 @ 0800; STAGE 7 - 7/3/08 @ 1715; STAGE 8 - 7/4/08 @ 0330; STAGE 9 - 7/4/08 @ 1230; STAGE 10 - 7/5/08 @ 0030; STAGE 11 - 7/5/08 @ 0900; STAGE 12 - 7/5/08 @ 1800; STAGE 13 - 7/6/08 @ 0100; STAGE 14 - 7/7/08 @ 0000; STAGE 15 - 7/7/08 @ 0830; STAGE 16 - 7/7/08 @ 1430; ; STAGE 17 - 7/8/08 @ 1830; STAGE 18 - 7/9/08 @ 0530; STAGE 19 - 7/9/08 @ 1630

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MERGED CTL

Database File:	btstoiw2.db
Dataset Pathname:	run10/TEMP1
Presentation Format:	CTL_MG
Dataset Creation:	Tue Jul 01 22:54:39 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:600

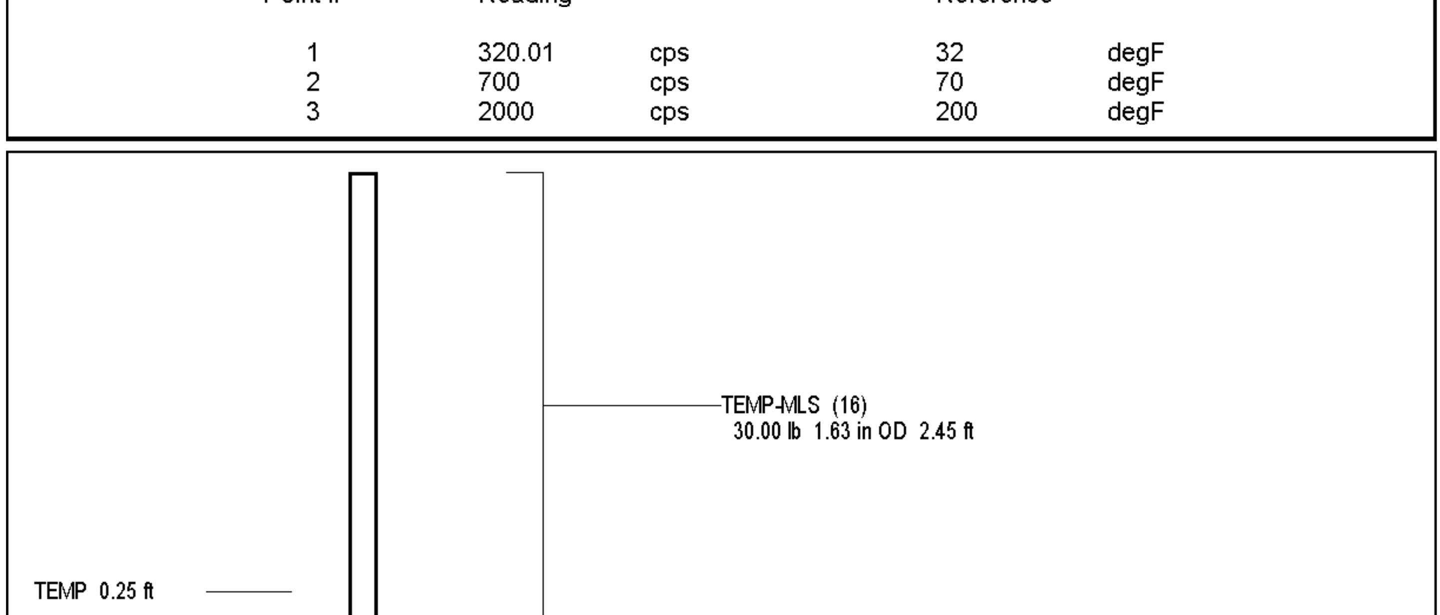
0	Gamma-Ray#1 (GAPI)	50	50	TEMP-STAGE #1 (degF)	150
0	Gamma-Ray#2 (GAPI)	50	50	TEMP-STAGE #2 (degF)	150
0	Gamma-Ray#3 (GAPI)	50	50	TEMP-STAGE #3 (degF)	150
0	Gamma-Ray#4 (GAPI)	50	50	TEMP-STAGE #4 (degF)	150
0	Gamma-Ray#5 (GAPI)	50	50	TEMP-STAGE #5 (degF)	150
0	Gamma-Ray#6 (GAPI)	50	50	TEMP-STAGE #6 (degF)	150
0	Gamma-Ray#7 (GAPI)	50	50	TEMP-STAGE #7 (degF)	150
0	Gamma-Ray#8 (GAPI)	50	50	TEMP-STAGE #8 (degF)	150
0	Gamma-Ray#9 (GAPI)	50	50	TEMP-STAGE #9 (degF)	150
0	Gamma-Ray#10 (GAPI)	50	50	TEMP-STAGE #10 (degF)	150
0	Gamma-Ray#11 (GAPI)	50	50	TEMP-STAGE #11 (degF)	150
0	Gamma-Ray#12 (GAPI)	50	50	TEMP-STAGE #12 (degF)	150
0	Gamma-Ray#13 (GAPI)	50	50	TEMP-STAGE #13 (degF)	150
0	Gamma-Ray#14 (GAPI)	50	50	TEMP-STAGE #14 (degF)	150
0	Gamma-Ray#15 (GAPI)	50	50	TEMP-STAGE #15 (degF)	150
0	Gamma-Ray#16 (GAPI)	50	50	TEMP-STAGE #16 (degF)	150
0	Gamma-Ray#17 (GAPI)	50	50	TEMP-STAGE#17 (degF)	150
0	Gamma-Ray#18 (GAPI)	50	50	TEMP-STAGE#18 (degF)	150
0	Gamma-Ray#19 (GAPI)	50	50	TEMP-STAGE#19 (degF)	150

0	Gamma-Ray#1 (GAPI)	50	50	TEMP-STAGE #1 (degF)	150
0	Gamma-Ray#2 (GAPI)	50	50	TEMP-STAGE #2 (degF)	150
0	Gamma-Ray#3 (GAPI)	50	50	TEMP-STAGE #3 (degF)	150
0	Gamma-Ray#4 (GAPI)	50	50	TEMP-STAGE #4 (degF)	150
0	Gamma-Ray#5 (GAPI)	50	50	TEMP-STAGE #5 (degF)	150
0	Gamma-Ray#6 (GAPI)	50	50	TEMP-STAGE #6 (degF)	150
0	Gamma-Ray#7 (GAPI)	50	50	TEMP-STAGE #7 (degF)	150
0	Gamma-Ray#8 (GAPI)	50	50	TEMP-STAGE #8 (degF)	150
0	Gamma-Ray#9 (GAPI)	50	50	TEMP-STAGE #9 (degF)	150
0	Gamma-Ray#10 (GAPI)	50	50	TEMP-STAGE #10 (degF)	150
0	Gamma-Ray#11 (GAPI)	50	50	TEMP-STAGE #11 (degF)	150
0	Gamma-Ray#12 (GAPI)	50	50	TEMP-STAGE #12 (degF)	150
0	Gamma-Ray#13 (GAPI)	50	50	TEMP-STAGE #13 (degF)	150
0	Gamma-Ray#14 (GAPI)	50	50	TEMP-STAGE #14 (degF)	150
0	Gamma-Ray#15 (GAPI)	50	50	TEMP-STAGE #15 (degF)	150
0	Gamma-Ray#16 (GAPI)	50	50	TEMP-STAGE #16 (degF)	150
0	Gamma-Ray#17 (GAPI)	50	50	TEMP-STAGE#17 (degF)	150
0	Gamma-Ray#18 (GAPI)	50	50	TEMP-STAGE#18 (degF)	150
0	Gamma-Ray#19 (GAPI)	50	50	TEMP-STAGE#19 (degF)	150

Temperature Calibration Report

Serial Number:	16
Tool Model:	MLS
Performed:	Sun Dec 09 08:30:38 2007

Point #	Reading		Reference	
1	320.01	cps	32	degF
2	700	cps	70	degF
3	2000	cps	200	degF



Dataset:	run10/TEMP1
Total Length:	2.45 ft
Total Weight:	30.00 lb
O.D.	1.63 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

(34" CASING) CEMENT TOP TEMPERATURE / GAMMA RAY LOG

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE
State FL

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE State FL
Location	MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services	SEE COMMENTS

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

Date	22-APR-2008	
Run Number	SEVEN	
Depth Driller	1370'	
Depth Logger	1370'	
Bottom Logged Interval	1370'	
Top Log Interval	CASING	
Open Hole Size	34"	
Type Fluid	WATER	
Density / Viscosity	NA	
Max. Recorded Temp.	NA	
Estimated Cement Top	NA	
Time Well Ready	ON ARRIVAL	
Time Logger on Bottom	0000	
Equipment Number	103	
Location	FT MYERS	
Recorded By	FULLER	
Witnessed By	M BLACK	

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'				
FOUR	52"	CASING	715'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375' W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner				

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Comments

STAGE #1 LOGGED @ 0100 22-APRIL-08
STAGE #2 LOGGED @ 1530 22-APRIL-08

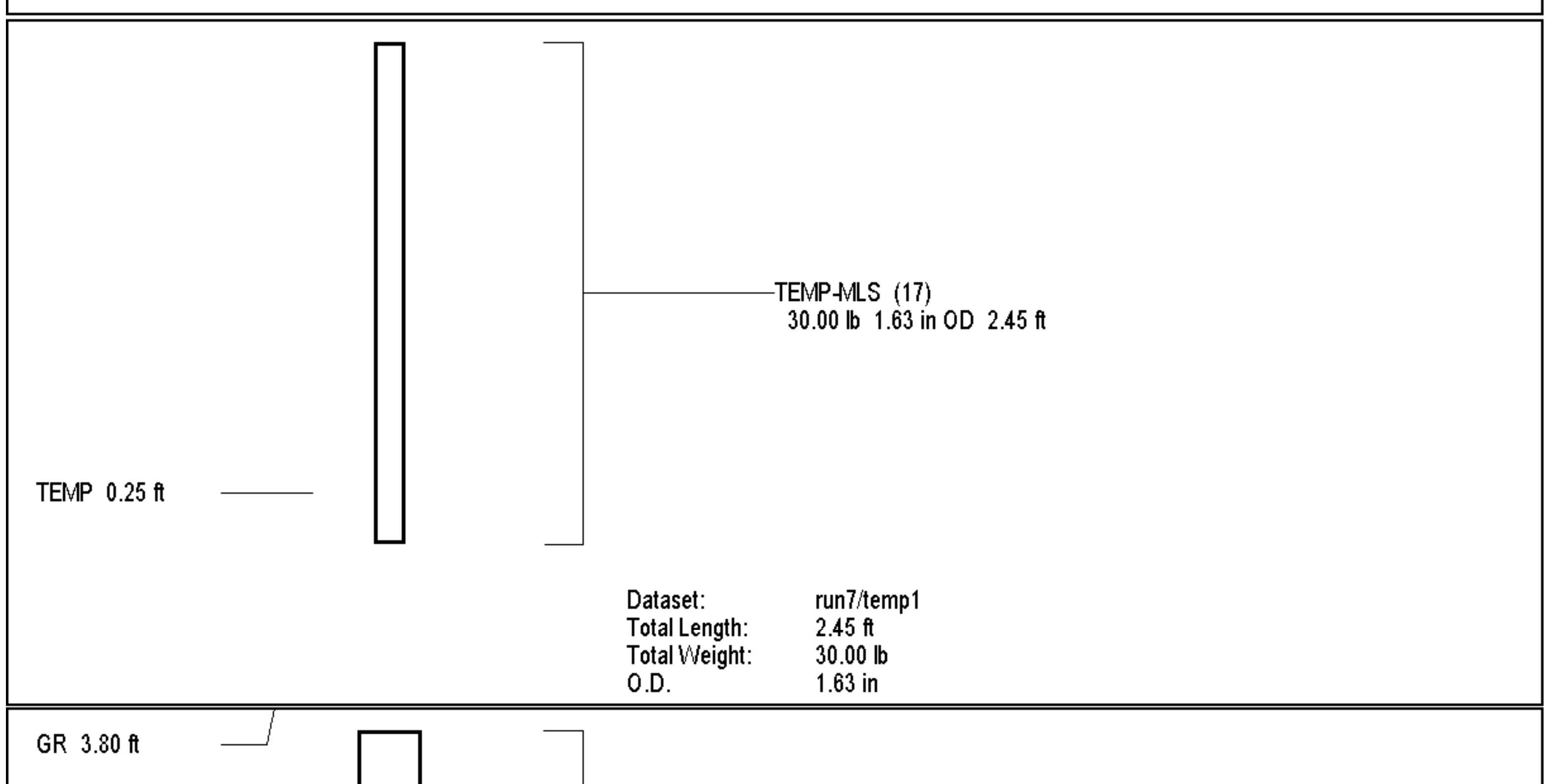
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

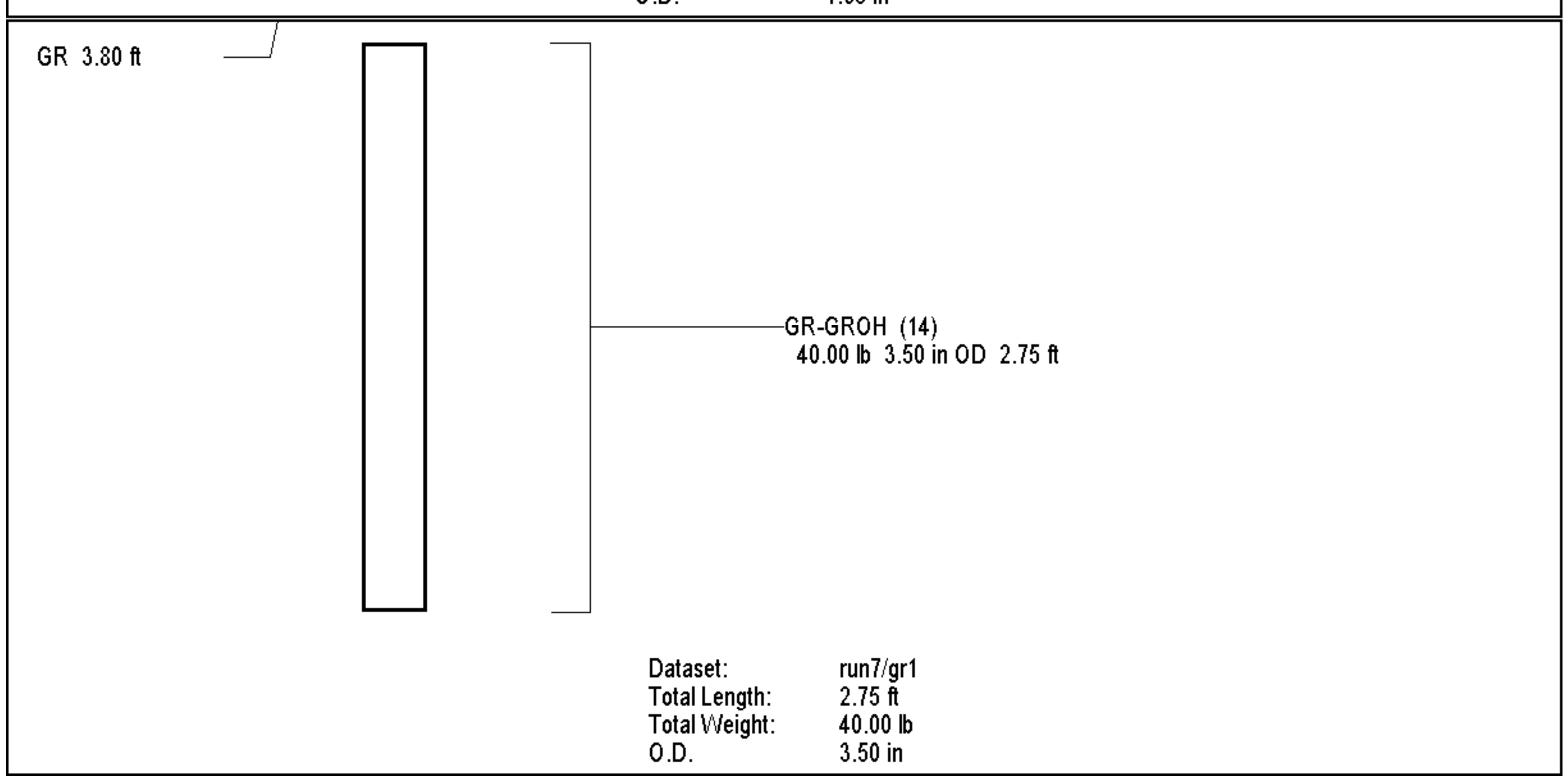
MERGED CTL

Database File:	btstoiw2.db
Dataset Pathname:	run7/temp1
Presentation Format:	CTL_MG
Dataset Creation:	Tue Apr 22 00:26:31 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:600

0 GAMMA RAY-STAGE #1 (GAPI) 60		50 TEMP-STAGE #1 (degF)	150
0 GAMMA RAY-STAGE #2 (GAPI) 60		50 TEMP-STAGE #2 (degF)	150
10 XCAL (in) 30			

0 GAMMA RAY-STAGE #1 (GAPI) 60		50 TEMP-STAGE #1 (degF)	150
0 GAMMA RAY-STAGE #2 (GAPI) 60		50 TEMP-STAGE #2 (degF)	150
10 XCAL (in) 30			





YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

(18" FRP CASING) CEMENT BOND VARIABLE DENSITY LOG

Company	CHARLOTTE COUNTY UTILITIES
Well	IW-2
Field	BURNT STORE WWTP
County	CHARLOTTE
State	FL

Company CHARLOTTE COUNTY UTILITIES
Well IW-2
Field BURNT STORE WWTP
County CHARLOTTE State FL
Location MALCOLM PIRNIE/ MCNABB HYDROGEOLOGICAL
Other Services NONE
Permanent Datum
Log Measured From
Drilling Measured From
Elevation
Elevation K.B. D.F. G.L.

Date	23-JULY-2008	29-JULY-2008
Run Number	BEFORE CEMENT	AFTER CEMENT
Depth Driller	3002'	
Depth Logger	2490'	2510'
Bottom Logged Interval	2490'	2510'
Top Log Interval	10'	10'
Open Hole Size	22"	
Type Fluid	WATER	
Density / Viscosity	NA	
Max. Recorded Temp.	NA	
Estimated Cement Top		SURFACE
Time Well Ready	0700	
Time Logger on Bottom	0930	
Equipment Number	103	
Location	FT MYERS	
Recorded By	CATHEY	CATHEY
Witnessed By	M. BLACK	M. BLACK

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	12.25"	SURFACE	250'	FIVE	12.25"	CASING	1460'
TWO	64"	SURFACE	224'	SIX	42.5"	CASING	1387'
THREE	14.75"	CASING	775'	EIGHT	12.25"	CASING	1382'
FOUR	52"	CASING	715'	NINE	22"	CASING	3002'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	54"	.375" W.T.	SURFACE	220'
Prot. String	44"	.375" W.T.	SURFACE	710'
Production String	34"	.375 W.T.	SURFACE	1370'
Liner	24"	.500" W.T.	SURFACE	2503'
FRP	18"	FRP	SURFACE	2492'

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Comments

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

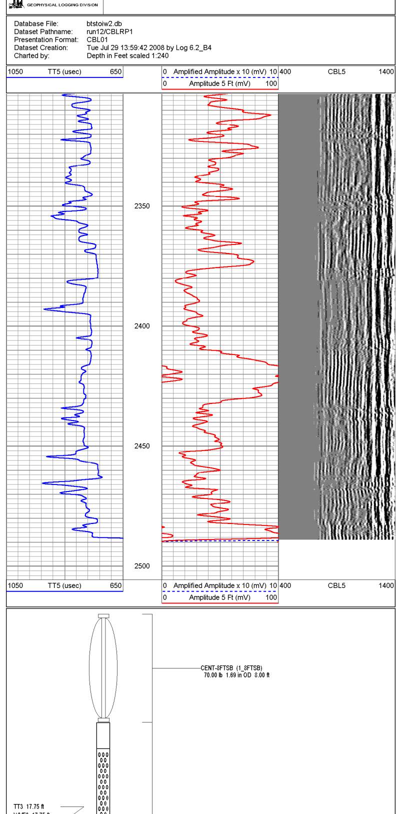
MERGED CBL

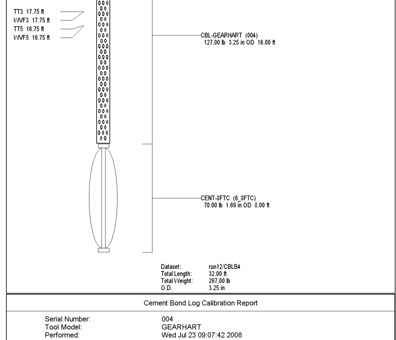
Database File: btstoiw2.db
Dataset Pathname: run12/CBLB4
Presentation Format: B4AFTCBL
Dataset Creation: Wed Jul 23 09:16:38 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: btstoiw2.db
Dataset Pathname: run12/CBLRP1
Presentation Format: CBL01
Dataset Creation: Tue Jul 29 13:59:42 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240





Dataset: run12/CBLB4
Total Length: 32.00 ft
Total Weight: 267.00 lb
O.D. 3.25 in

Cement Bond Log Calibration Report

Serial Number: 004
Tool Model: GEARHART
Performed: Wed Jul 23 09:07:42 2008

Depth: 2317.07 ft
Casing Diameter: 18 in

	3' Spacing	5' Spacing	
Signal Zero:	1	1	mV
Calibrated Amplitude:	35.1245	35.1245	mV
Reading at Signal Zero:	0.0335449	0.032959	V
Reading in Free Pipe:	0.502197	0.578174	V
Gain:	72.8141	62.5891	
Offset:	-1.44254	-1.06287	