South Central Regional Wastewater Treatment & Disposal Board Well Completion Report for the Deep Injection Well System

January 2009

HAZEN AND SAWYER
Environmental Engineers & Scientists

Appendices

A FDEP Construction Permit
B Weight on Bit / Rate of Penetration
C Inclination Surveys
D Geologic Logs
E Core Data
F Geophysical Logs
G Video Surveys
H Packer Test Data and Graphs
I Packer Test Water Quality
J Log Derived Water Quality
K Mill Certificates
L Cement Reports
M Casing Pressure Tests
N Record Drawings
O Background Water Quality
P Injection Test Data

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

X-Y CALIPER GAMMA RAY LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T & DISP.
County	PALM BEACH
State	FLORIDA
Date	24-Jul-2008
Run No.	ONE
Depth Driller	0.00
Depth Logger	0.00
Bottom Log Interval	0.00
Top Log Interval	0.00
Drill Fluid	NA
Max. Rec. Temp.	0
Equipment / Location	3-1/2
Recorded By	D. Mc Cullough
Witnessed By	Mr. Bryan Hayes

Casing Record	Size	Wgt.	Top	Bottom
Surface String				
Production String				
Open Hole	24		0	150

Bit Record	Size	Type	In	Out
	24		0	150

Equipment Data	Type	Serial No.	Location
Logging Truck	3-1/2		
Gamma Ray			
Caliper			
Cable			
Sonde			
Sheave			
Depth Wheel			
Pressure Gauge			
Temp. Gauge			
Flow Meter			
Pump			
Power Supply			
Other			

Operating Rig Time	Hours
Rig Up	
Run	
Rig Down	
Total	

Operating Rig Time	Hours
Rig Up	
Run	
Rig Down	
Total	

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T & DISP.
County	PALM BEACH
State	FLORIDA
API #	
Location	SEC. TWP. RGE.
Elevation	K.B. D.F. G.L.
Elevation	

Other Services
COMMENTS

<<< Fold Here >>>

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.

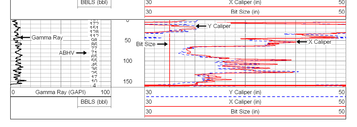
Comments

ANNULAR BOREHOLE CALCULATED
IN BARRELS FOR 24" CASING

MAIN PASS

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

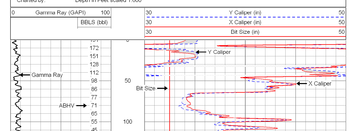
Database File: dribmw1.db
Dataset Pathname: pass2
Presentation Format: gxy-ahv
Dataset Creation: Wed Jul 23 05:54:35 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:1200



MAIN PASS

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

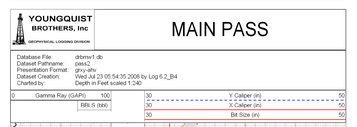
Database File: dribmw1.db
Dataset Pathname: pass2
Presentation Format: gxy-ahv
Dataset Creation: Wed Jul 23 05:54:35 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600



MAIN PASS

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

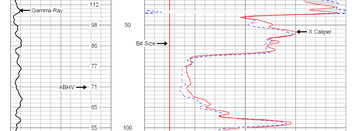
Database File: dribmw1.db
Dataset Pathname: pass2
Presentation Format: gxy-ahv
Dataset Creation: Wed Jul 23 05:54:35 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



REPEAT PASS

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

Database File: dribmw1.db
Dataset Pathname: pass1
Presentation Format: gxy-ahv
Dataset Creation: Wed Jul 23 05:40:46 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: dribmw1.db
Dataset Pathname: pass2
Dataset Creation: Wed Jul 23 05:54:35 2008 by Log 6.2_B4

XY Caliper Calibration Report

Serial Number/Model: 46SM-XYCSM
Performed: Wed Jul 23 05:12:43 2008

Ring			X Caliper		Y Caliper	
1:	20	in	709.81	cps	687.487	cps
2:	30	in	810.714	cps	792.993	cps
3:	40	in	922.523	cps	904.805	cps
4:	55	in	1121.32	cps	1060.76	cps
5:		in		cps		cps
6:		in		cps		cps

Gamma Ray Calibration Report

Serial Number: 12
Tool Model: GRCH
Performed: Tue May 13 10:25:05 2008

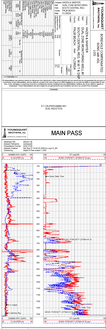
Calibrator Value: 120 GAPI

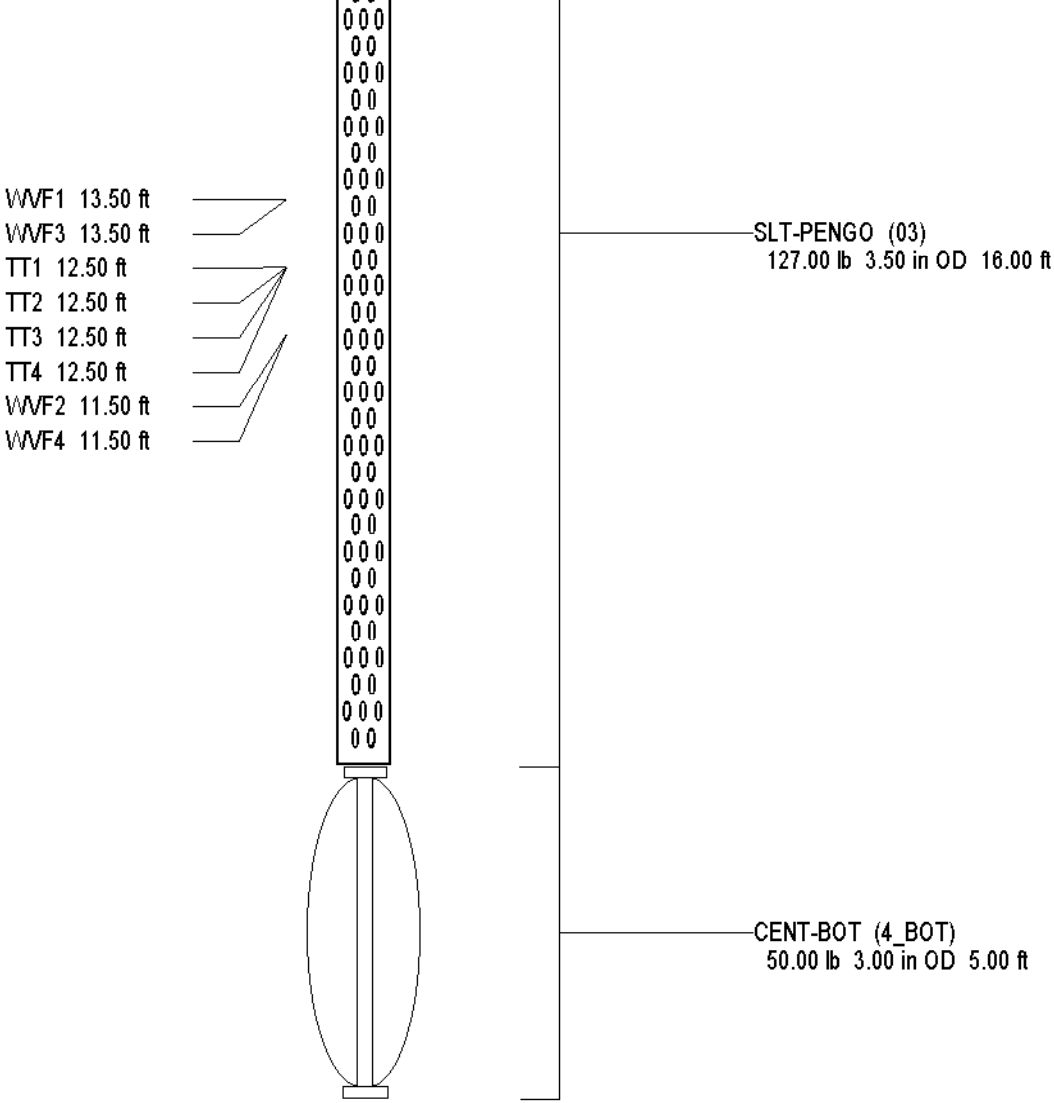
Background Reading: 17.5676 cps
Calibrator Reading: 75.6256 cps

Sensitivity: 2.0669 GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.60		GR-GRCH (12)	2.75	3.50	40.00
XCAL YCAL	3.50 3.50		XYC-XYCSM (46SM)	6.60	3.50	87.00

Dataset: dribmw1.db: field/wellinum1/pass2
Total Length: 9:35.ft
Total Weight: 127.00 lb
O.D: 3.50 in


CASING
CASING
CASING



Dataset:	run2/pass6
Total Length:	26.00 ft
Total Weight:	227.00 lb
O.D.	3.50 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

DUAL INDUCTION LL3 with SP LOG

Company HAZEN & SAWYER
Well DUAL ZONE MONITORING WELL #1
Field SOUTH CENTRAL REG. W.W.T & DISP.
County PALM BEACH State FLORIDA

Location

Other Services: SEE COMMENTS

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

Date	23-AUG-2007
Run Number	TWO
Depth Driller	1350'
Depth Logger	1339'
Bottom Logged Interval	1339'
Top Log Interval	CASING
Open Hole Size	22.5"
Type Fluid	MUD
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	0800
Equipment Number	103
Location	FT.MYERS
Recorded By	FULLER
Witnessed By	D. LEGETT

Borehole Record

Run Number	Bit	From	To
ONE	32.5"	SURFACE	163'
TWO	22.5"	CASING	1339'

Casing Record

	Size	Wgt/Ft	Top	Bottom
Surface String	24"	.375 W.T.	SURFACE	160'
Prot. String				
Production String				
Liner				

<<< Fold Here >>>

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.

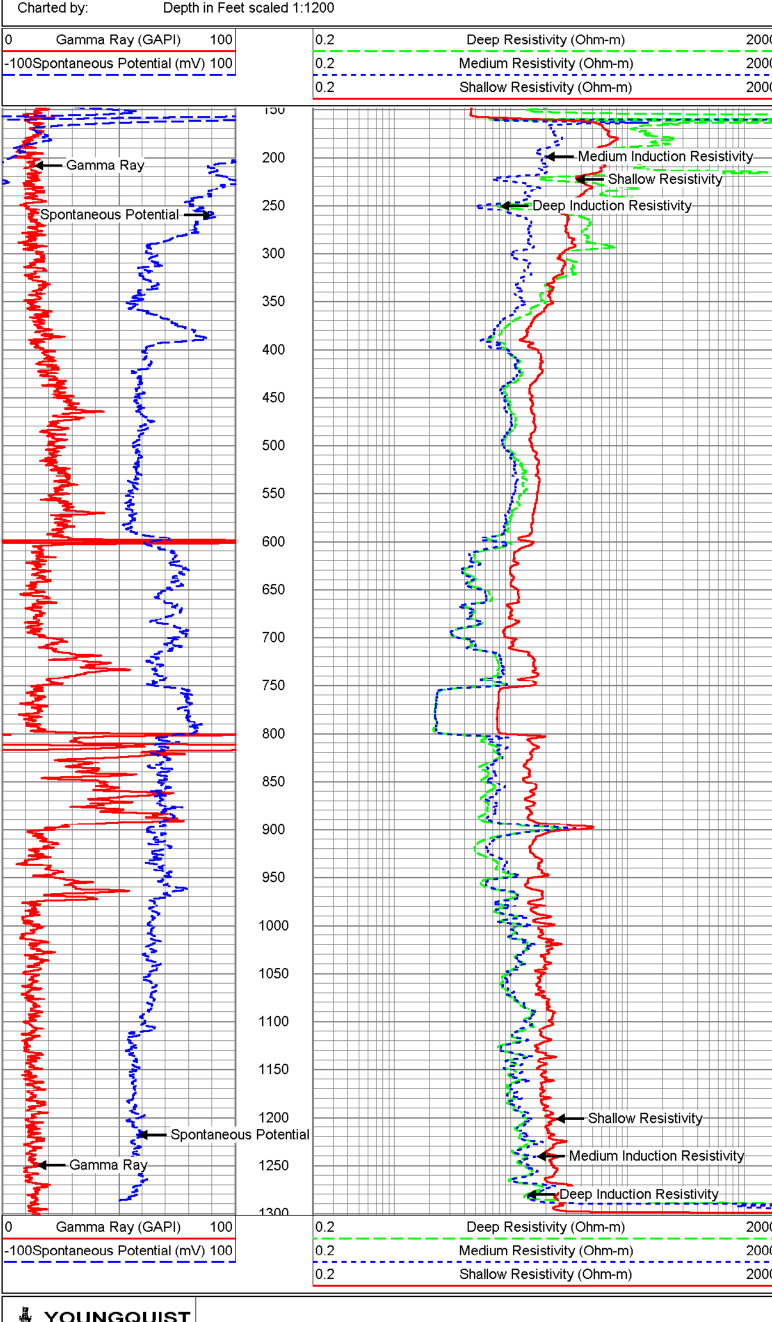
Comments

X-Y CALIPER/GAMMA RAY
DUAL INDUCTION

YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

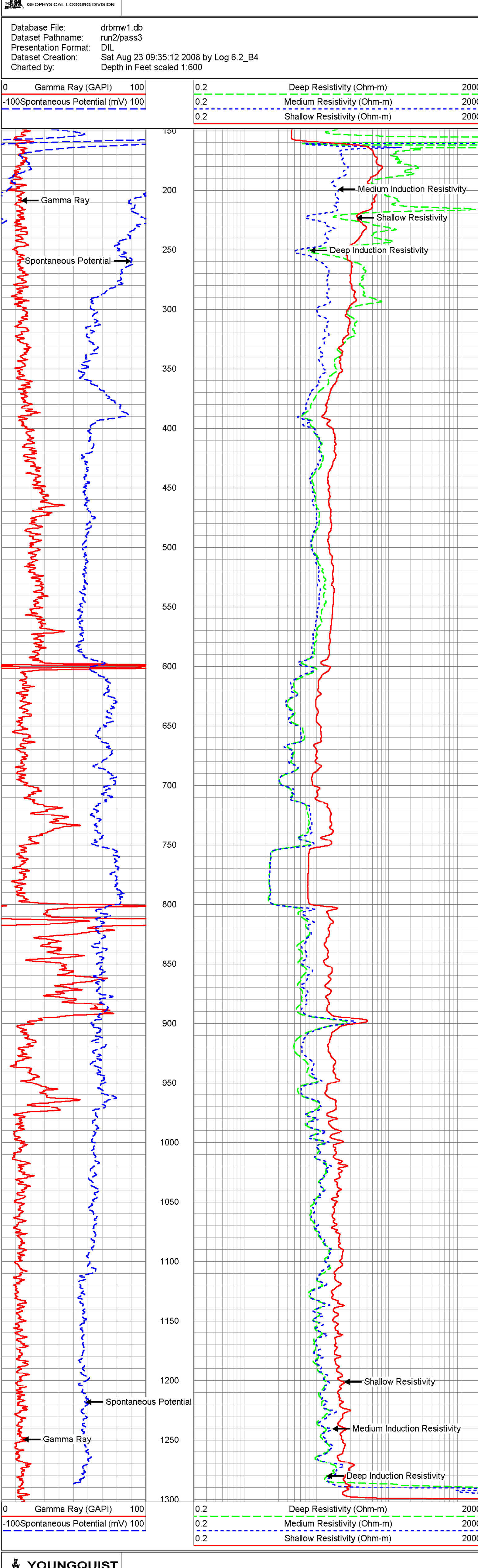
Database File: drbmw1.db
Dataset Pathname: run2/pass3
Presentation Format: DIL
Dataset Creation: Sat Aug 23 09:35:12 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:1200



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

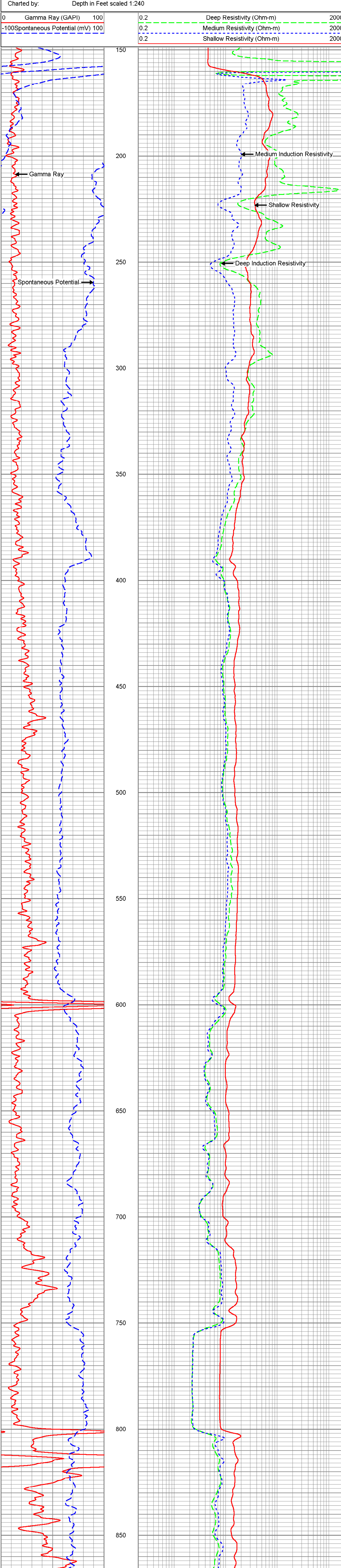
Database File: drbmw1.db
Dataset Pathname: run2/pass3
Presentation Format: DIL
Dataset Creation: Sat Aug 23 09:35:12 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600



YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

MAIN PASS

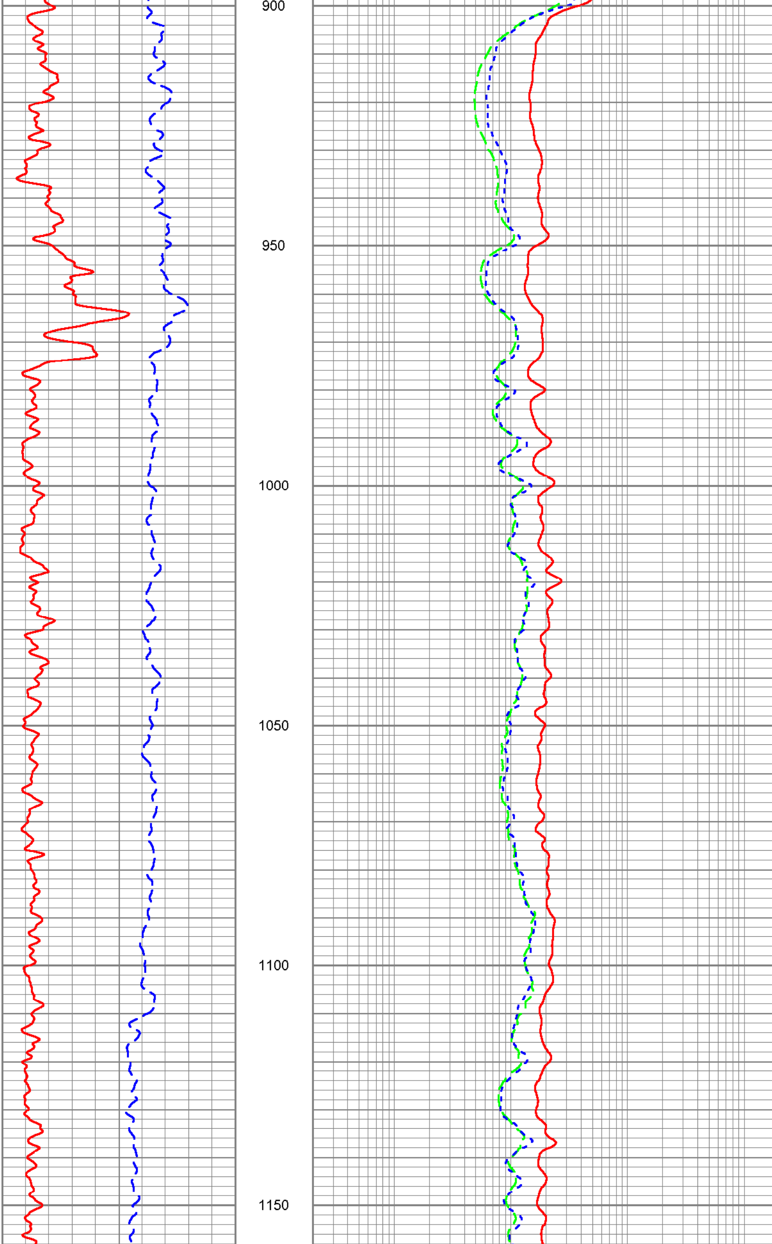
Database File: drbmw1.db
Dataset Pathname: run2/pass3
Presentation Format: DIL
Dataset Creation: Sat Aug 23 09:35:12 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

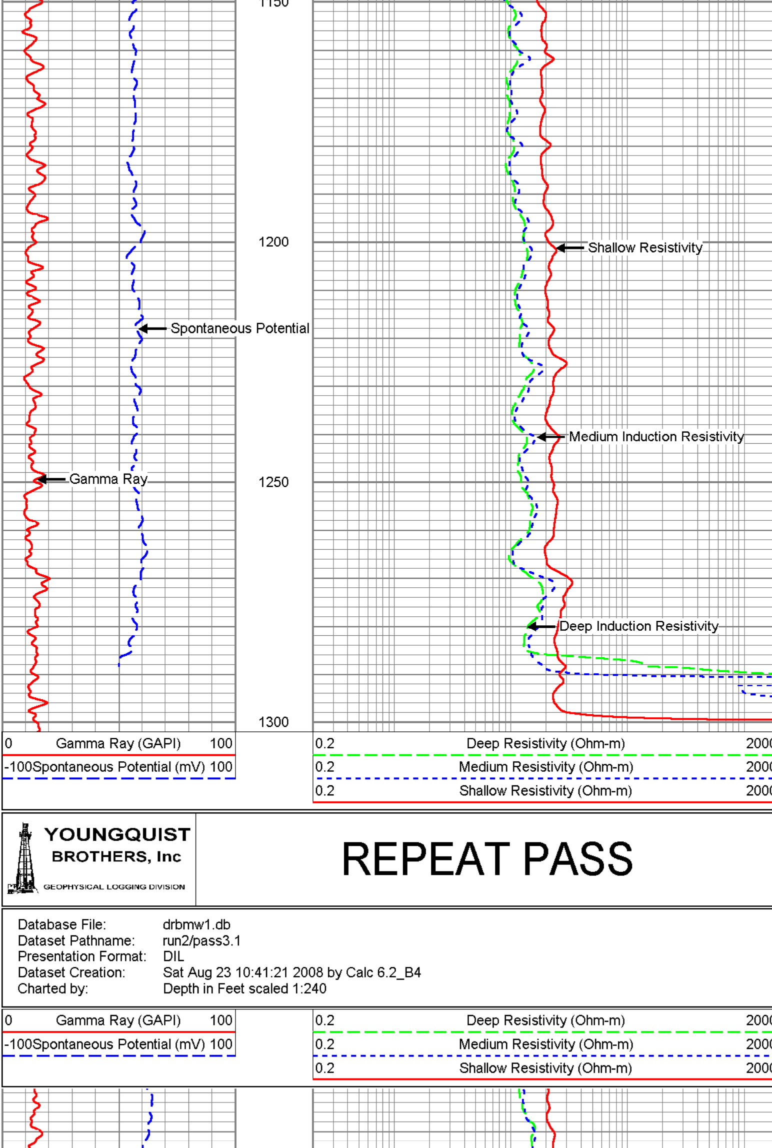


YOUNGQUIST BROTHERS, Inc GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: drbmw1.db
Dataset Pathname: run2/pass3.1
Presentation Format: DIL
Dataset Creation: Sat Aug 23 10:41:21 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:240





Dataset: run2/pass5
Total Length: 26.00 ft
Total Weight: 227.00 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: Sat Aug 23 09:16:17 2008
After Survey Verification Performed: Sat Aug 23 09:52:54 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	9.156	402.874	mmho-m	8.729	396.680	mmho-m	0.985	-0.293
Medium	-1.563	472.295	mmho-m	-1.696	461.400	mmho-m	0.977	-0.168
Shallow	0.033	0.401		3.000	88.900	mmho-m	233.614	-4.788

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	9.470	392.974	mmho-m	9.156	402.874	mmho-m	0.985	-0.293
Medium	0.129	457.370	mmho-m	-1.563	472.295	mmho-m	0.977	-0.168
Shallow	3.761	89.433	mmho-m	3.000	88.900	mmho-m	1.003	-0.771

COMPANY	HUSKY ENERGY
WELL	HUSKY ENERGY ET AL HOLDER PROPHET RIVER H-98
FIELD	WILDCAT
COUNTY	VERMILION
PROVINCE	ALBERTA
LOCATION	07-21-047-05-W4M
LICENSE #	0384
API #	100/07-21-047-05W4/00
LOGGING DATE	2009/12/14
CASING	244.5 @ 0.0 - 1.0
LIVE FLUID	WATER
RIGS	PRECISION DRILLING CORPORATION 174
DRILLING FLUID	WATER
BIT	200.0 - 1.0
MAX TEMP	35
RECORDED BY	D. CHAPMAN
WITNESSED BY	D. CHAPMAN

The interpretations and opinions contained in attachments or otherwise expressed by this company are based on sound engineering principles and practices and represent the best judgment of Schlumberger. Schlumberger makes no representation or warranty, express or implied, as to the accuracy, completeness or timeliness of the data, information, interpretations or opinions contained in attachments or otherwise expressed by this company, and, to the extent permitted by law, all liability, liability for negligence, and liability for consequential damages for any use made of the information contained in this report, or any other information provided by this company, is expressly disclaimed.

NOTES

WIRELINE SCHEDULE CALCULATED
IS SAMPLE STOP 10" CASING

MAIN PASS

YOUNGQUIST PROPHETS Inc.
Petroleum Consultants

Operators Rig: DRILLING
Casing Shoe Depth: 244.5 @ 0.0 - 1.0
Casing Fluid Type: WATER
Density: 1000 kg/m3
Viscosity: 1.0 cP
Chlorides: 0 mg/L
Depth Scale: 1:240
Logging Date: 2009/12/14 Time: 0:00 Unit Number: 4 Log Run: 1
Depth Control: Drill Pipe 0.0 TO 200.0 DRILLER; Wireline Log 0.0 TO 200.0 SCHLUMBERGER
Logging Company: SCHLUMBERGER
Logging Engineer: D. CHAPMAN
Witnessed By: D. CHAPMAN

GAMMA RAY (GAPI) 0 — 150
CALIPER (in) 6 — 16
BIT SIZE (in) 6 — 16

Casing Shoe
GR-0001 Start
GR-0001 End
CALI-0001 Start
CALI-0001 End
BIT-0001 Start
BIT-0001 End

MAIN PASS

YOUNGQUIST PROPHETS Inc.
Petroleum Consultants

Operators Rig: DRILLING
Casing Shoe Depth: 244.5 @ 0.0 - 1.0
Casing Fluid Type: WATER
Density: 1000 kg/m3
Viscosity: 1.0 cP
Chlorides: 0 mg/L
Depth Scale: 1:240
Logging Date: 2009/12/14 Time: 0:00 Unit Number: 4 Log Run: 1
Depth Control: Drill Pipe 0.0 TO 200.0 DRILLER; Wireline Log 0.0 TO 200.0 SCHLUMBERGER
Logging Company: SCHLUMBERGER
Logging Engineer: D. CHAPMAN
Witnessed By: D. CHAPMAN

GAMMA RAY (GAPI) 0 — 150
CALIPER (in) 6 — 16
BIT SIZE (in) 6 — 16

Casing Shoe
GR-0001 Start
GR-0001 End
CALI-0001 Start
CALI-0001 End
BIT-0001 Start
BIT-0001 End

MAIN PASS

YOUNGQUIST PROPHETS Inc.
Petroleum Consultants

Operators Rig: DRILLING
Casing Shoe Depth: 244.5 @ 0.0 - 1.0
Casing Fluid Type: WATER
Density: 1000 kg/m3
Viscosity: 1.0 cP
Chlorides: 0 mg/L
Depth Scale: 1:240
Logging Date: 2009/12/14 Time: 0:00 Unit Number: 4 Log Run: 1
Depth Control: Drill Pipe 0.0 TO 200.0 DRILLER; Wireline Log 0.0 TO 200.0 SCHLUMBERGER
Logging Company: SCHLUMBERGER
Logging Engineer: D. CHAPMAN
Witnessed By: D. CHAPMAN

GAMMA RAY (GAPI) 0 — 150
CALIPER (in) 6 — 16
BIT SIZE (in) 6 — 16

Casing Shoe
GR-0001 Start
GR-0001 End
CALI-0001 Start
CALI-0001 End
BIT-0001 Start
BIT-0001 End

REPEAT PASS

YOUNGQUIST PROPHETS Inc.
Petroleum Consultants

Operators Rig: DRILLING
Casing Shoe Depth: 244.5 @ 0.0 - 1.0
Casing Fluid Type: WATER
Density: 1000 kg/m3
Viscosity: 1.0 cP
Chlorides: 0 mg/L
Depth Scale: 1:240

GAMMA RAY (GAPI) 0 — 150
CALIPER (in) 6 — 16
BIT SIZE (in) 6 — 16

Casing Shoe
GR-0001 Start
GR-0001 End
CALI-0001 Start
CALI-0001 End
BIT-0001 Start
BIT-0001 End

Company: YOUNGQUIST
Well: HUSKY
Field: WILDCAT
Date: 2009/12/14

GT Calibration Report

Serial Number/Model: 0-CHAN GT-HR
Cal Date: 2009/12/14 Time: 0:00

Ring			T Cases	
1	0	0	0	0
2	10	10	10	10
3	20	20	20	20
4	30	30	30	30
5	40	40	40	40
6	50	50	50	50
7	60	60	60	60
8	70	70	70	70
9	80	80	80	80
10	90	90	90	90
11	100	100	100	100

Gamma Ray Calibration Report

Serial Number: 0
Cal Date: 2009/12/14
Cal Time: 0:00
Calibration Value: 150 GAPI

Background Reading: 20 ±0.5 GAPI
Sensitivity: 0.5 GAPI/cps

Calibrator Type: GAMMA
Calibrator Serial Number: 1
Calibration Method: Calibrator
Calibrator Type: Calibrator

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

Company HAZEN & SAWYER
Well DUAL ZONE
Field SOUTH CENTRAL REG.
County PALM BEACH
State FLORIDA

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

(18" CASING)
CEMENT TOP
TEMPERATURE
LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T & DISP
County	PALM BEACH
State	FLORIDA

Location

Other Services: SEE COMMENTS

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

Date	08-29-08	Run Number	ONE
Depth Driller	1300	Depth Logged	1302
Schlm. Depth	1302	Bottom Log Interval	1300
Top Log Interval	0	Casing Driller	18" @ 0
Casing Schlm.	18"	Open Hole Size	22.25"
Type Fluid in Hole	WATER	Density / Viscosity	N/A
Max. Rec. Temp.	119.8	Estimated Cement Top	N/A
Time Well Ready	AS REQUESTED	Time Logger on Bottom	0930
Equipment Number	1013	Location	WEST PALM BEACH
Recorded By	F.VARGAS	Witnessed By	D. LEGETT

Run	Bit	From	To
1	22.25"	0	1300

Run	Bit	From	To
1	22.25"	0	1300

Run	Bit	From	To
1	22.25"	0	1300

Run	Bit	From	To
1	22.25"	0	1300

Equipment: TEL-E2

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.

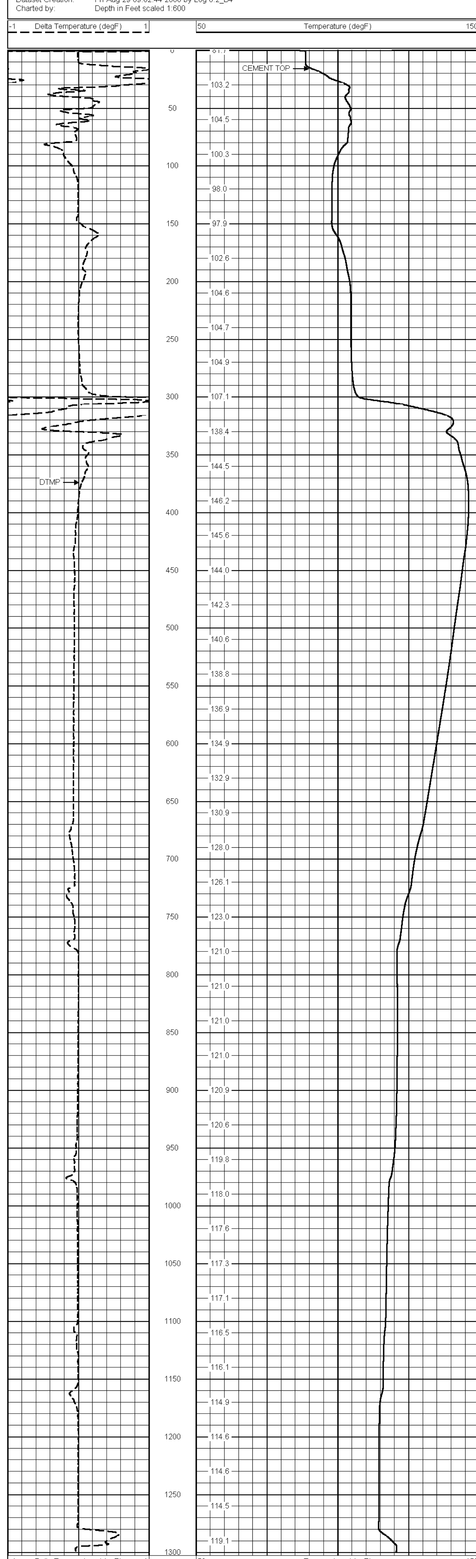
Comments

STAGE LOGGED @ 0930 ON 08/29/08

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

CTL

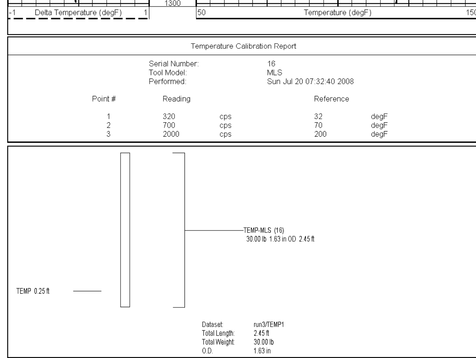
Database File: drbmw1.db
Dataset Pathname: run3/TEMP1
Presentation Format: TEMP
Dataset Creation: Fri Aug 29 09:02:44 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600



Temperature Calibration Report

Serial Number: 16
Tool Model: MLS
Performed: Sun Jul 20 07:32:40 2008

Point #	Reading		Reference	
1	320	cps	32	degF
2	700	cps	70	degF
3	2000	cps	200	degF



Dataset: run3/TEMP1
Total Length: 2.45 ft
Total Weight: 30.00 lb
O.D. 1.63 in

YOUNGQUIST BROTHERS, Inc.
SEISMOLOGICAL LOGGING SYSTEMS

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING
Field	SOUTH CENTRAL REG.
County	PALM BEACH
State	FLORIDA
Other Services	
Permanent Datum	
Log Measured From	
Drilling Measured From	
Elevation	
Date	
Run Number	
Depth Driller	
Depth Logger	
Bottom Log Interval	
Top Log Interval	
Casing Driller	
Casing Logger	
Bit Size	
Type Fluid in Hole	
Density	
Viscosity	
Max Rec Temp	
Estimated Cement Top	
Equipment Number	
Location	
Recorded By	
Witnessed By	

Company HAZEN & SAWYER
Well SOUTH CENTRAL REG. W.T. & DISP.
Field PALM BEACH
County
State FLORIDA
Other Services
Permanent Datum
Log Measured From
Drilling Measured From
Elevation
Date
Run Number
Depth Driller
Depth Logger
Bottom Log Interval
Top Log Interval
Casing Driller
Casing Logger
Bit Size
Type Fluid in Hole
Density
Viscosity
Max Rec Temp
Estimated Cement Top
Equipment Number
Location
Recorded By
Witnessed By

BOREHOLE COMPENSATED SONIC with VDL LOG

CONTRACTOR

Comments

All interpretations or opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of our interpretations, and we shall not be liable or responsible for any loss or damage suffered 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.

X-Y CALIPER/GAMMA RAY
DUAL INDUCTION

MAIN PASS

YOUNGQUIST BROTHERS, Inc.
SEISMOLOGICAL LOGGING SYSTEMS

Database File: dhtime1.db
Dataset Pathname: rundata/
Presentation Format: SONIC_POR
Dataset Creation: Tue Sep 02 16:38:09 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:200

MAIN PASS

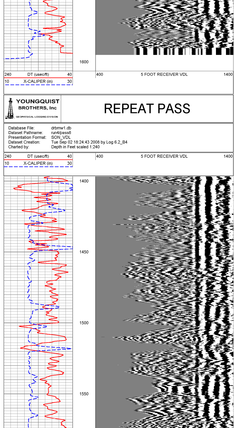
YOUNGQUIST BROTHERS, Inc.
SEISMOLOGICAL LOGGING SYSTEMS

Database File: dhtime1.db
Dataset Pathname: rundata/
Presentation Format: SONIC_POR
Dataset Creation: Tue Sep 02 16:38:09 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

MAIN PASS

YOUNGQUIST BROTHERS, Inc.
SEISMOLOGICAL LOGGING SYSTEMS

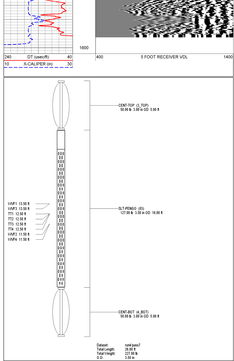
Database File: dhtime1.db
Dataset Pathname: rundata/
Presentation Format: SONIC_POR
Dataset Creation: Tue Sep 02 16:38:09 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



MAIN PASS

YOUNGQUIST BROTHERS, Inc.
SEISMOLOGICAL LOGGING SYSTEMS

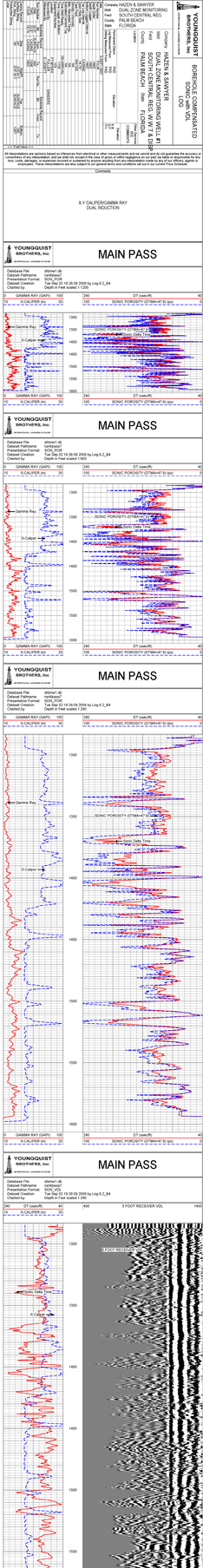
Database File: dhtime1.db
Dataset Pathname: rundata/
Presentation Format: SONIC_VDL
Dataset Creation: Tue Sep 02 16:38:09 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



REPEAT PASS

YOUNGQUIST BROTHERS, Inc.
SEISMOLOGICAL LOGGING SYSTEMS

Database File: dhtime1.db
Dataset Pathname: rundata/
Presentation Format: SONIC_VDL
Dataset Creation: Tue Sep 02 16:24:43 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



Dataset: rundata/
Total Length: 30.00 ft
Top Offset: 0.00 ft
X-Y: 0.00 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

DUAL INDUCTION LL3 with SP LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T & DISP.
County	PALM BEACH
State	FLORIDA
Location	
Other Services	SEE COMMENTS
Permanent Datum	PAD
Log Measured From	PAD
Drilling Measured From	PAD
Elevation	
Elevation	K.B. D.F. G.L.

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING
Field	SOUTH CENTRAL REG.
County	PALM BEACH
State	FLORIDA

Date	2-SEPT-2007	
Run Number	FOUR	
Depth Driller	1600'	
Depth Logger	1602'	
Bottom Logged Interval	1602'	
Top Log Interval	CASING	
Open Hole Size	16.75"	
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	SANDERS
Witnessed By	D. LEGETT	

Borehole Record

Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	32.5"	SURFACE	163'				
TWO	22.5"	CASING	1339'				
FOUR	16.75	CASING	1602'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	24"	.375 W.T.	SURFACE	160'
Prot. String	18"	.375" W.T.	SURFACE	1297'
Production String				
Liner				

<<< Fold Here >>>

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

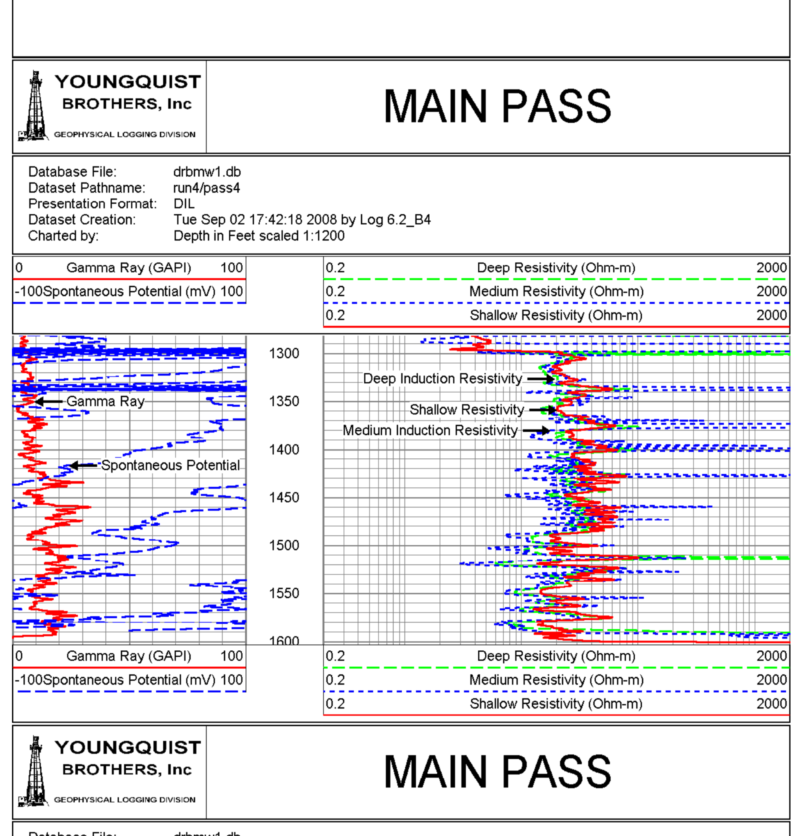
X-Y CALIPER/GAMMA RAY
BOREHOLE COMPENSATED SONIC

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: drbmw1.db
Dataset Pathname: run4/pass4
Presentation Format: DIL
Dataset Creation: Tue Sep 02 17:42:18 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:1200

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



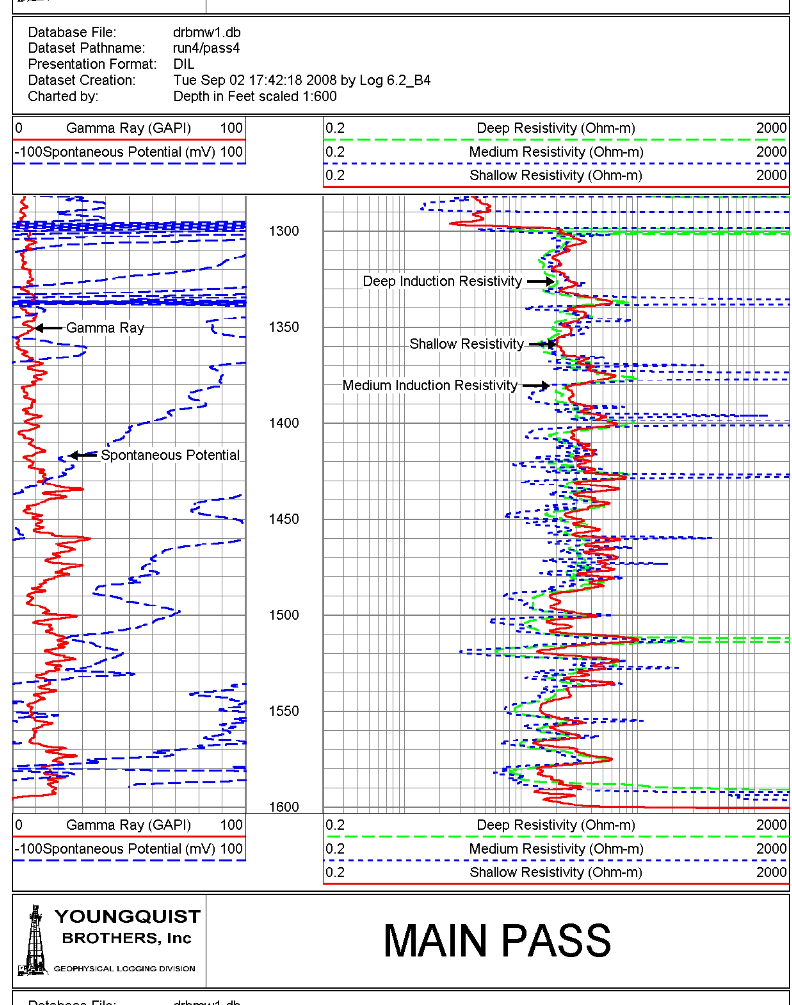
0 Gamma Ray (GAPI) 100
-100Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: drbmw1.db
Dataset Pathname: run4/pass4
Presentation Format: DIL
Dataset Creation: Tue Sep 02 17:42:18 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600

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



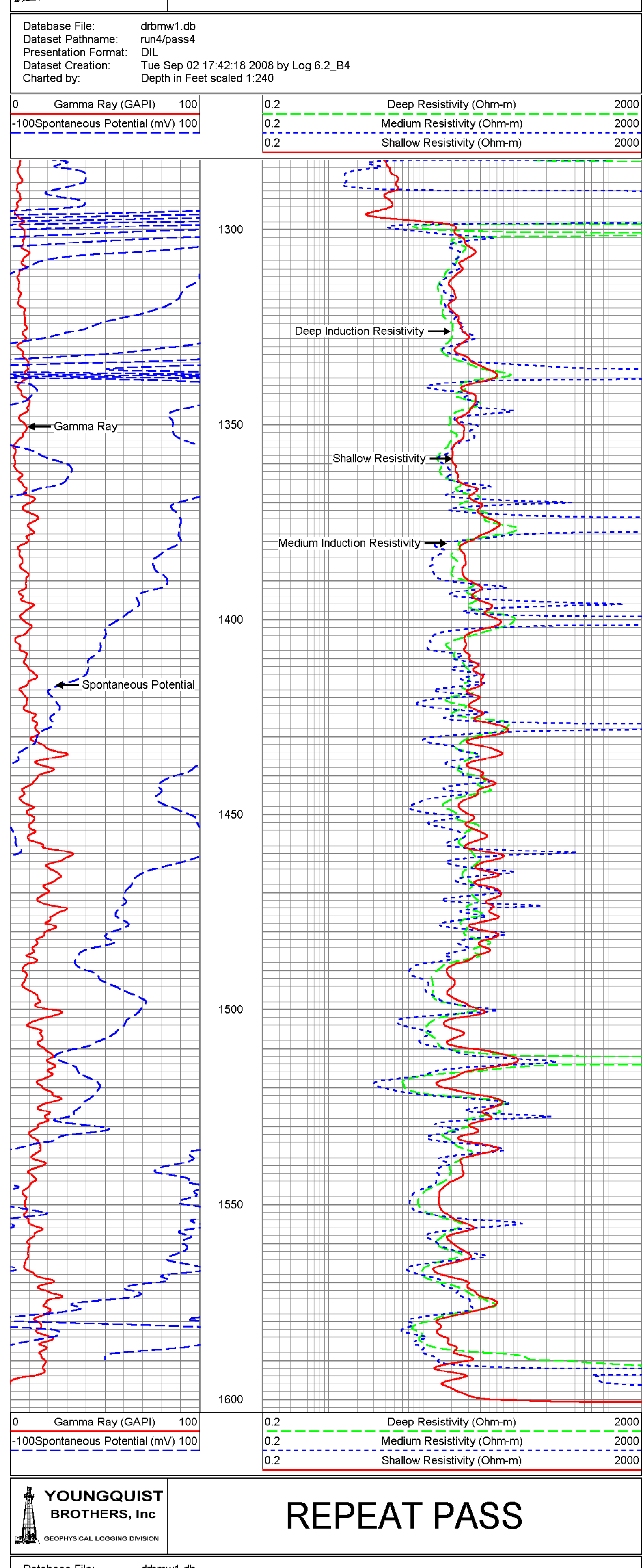
0 Gamma Ray (GAPI) 100
-100Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File: drbmw1.db
Dataset Pathname: run4/pass4
Presentation Format: DIL
Dataset Creation: Tue Sep 02 17:42:18 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

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



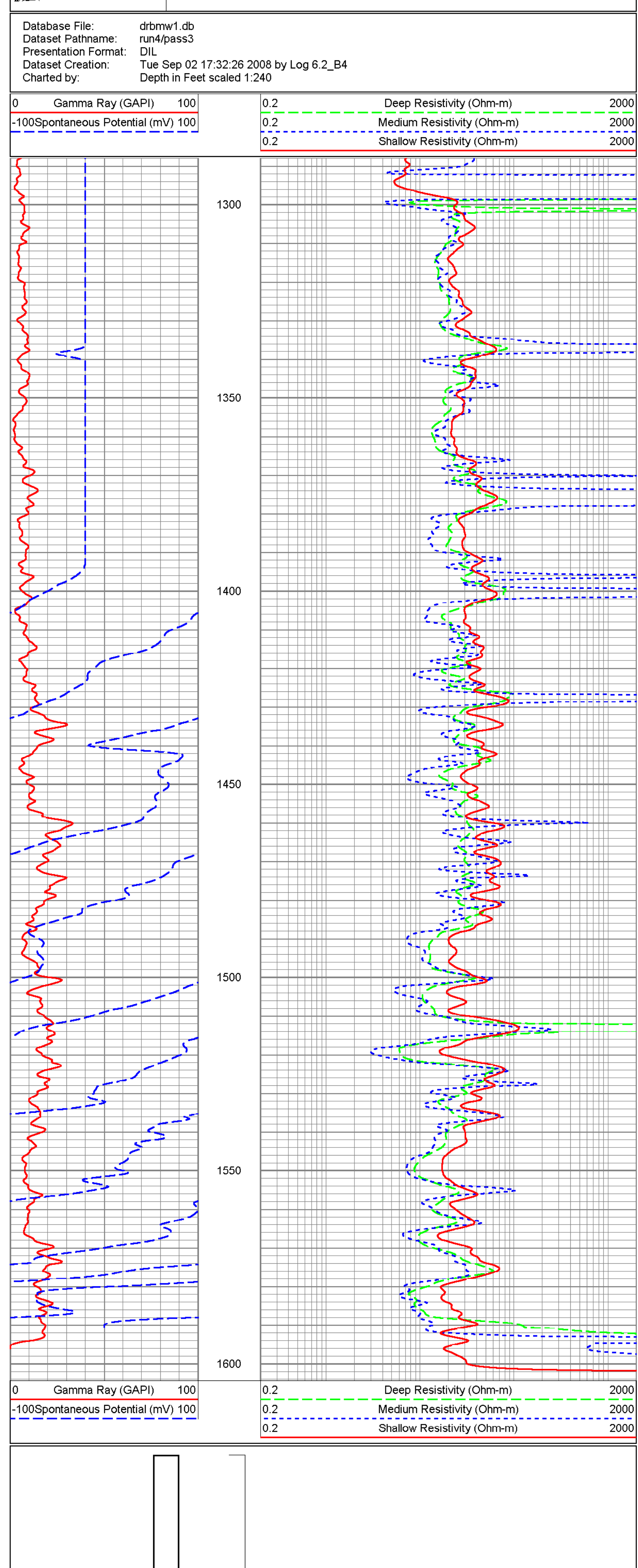
0 Gamma Ray (GAPI) 100
-100Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

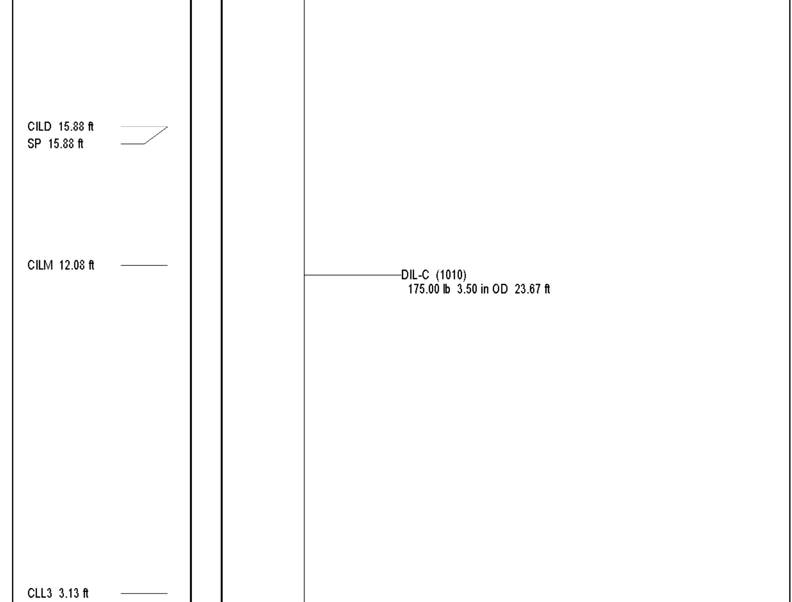
REPEAT PASS

Database File: drbmw1.db
Dataset Pathname: run4/pass3
Presentation Format: DIL
Dataset Creation: Tue Sep 02 17:32:26 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

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



Dataset: run4/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: Tue Sep 02 17:19:31 2008
After Survey Verification Performed: Tue Sep 02 17:47:21 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	8.684	403.084	mmho-m	8.729	396.680	mmho-m	0.984	0.187
Medium	-1.463	471.398	mmho-m	-1.696	461.400	mmho-m	0.979	-0.263
Shallow	0.034	0.402		3.000	88.900	mmho-m	233.762	-4.987

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	9.474	402.444	mmho-m	8.684	403.084	mmho-m	0.984	0.187
Medium	-0.362	467.955	mmho-m	-1.463	471.398	mmho-m	0.979	-0.263
Shallow	3.090	88.984	mmho-m	3.000	88.900	mmho-m	1.000	-0.090

YOUNGQUIST BROTHERS, Inc.
Geophysical Logging System

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING
Field	SOUTH CENTRAL REG.
County	PALM BEACH
State	FLORIDA

X-Y CALIPER
GAMMA RAY
LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T.& DISP.
County	PALM BEACH
State	FLORIDA

Elevation: G.L.: K.B.: D.F.: Permanent Datum: Log Measured From: Drilling Measured From: Date: Run No.: Depth-Driller: Depth-Logger: Bottom Log Interval: Top Log Interval: Casing-Driller: Casing-Logger: Bit Size: Type Fluid in Hole: Dens.: Visc.: pH: Fluid Loss: Source of Sample: Rm: Rmf: Rmc: Rm @ MT: Rmf @ MT: Rmc @ MT: Source: Rm @ BHT: Time Since Circ.: Max. Rec. Temp.: Equip. Location: Recorded By: Witnessed By:

Elevation: Permanent Datum: G.R.@ Ft. Above Perm. Datum

Comments

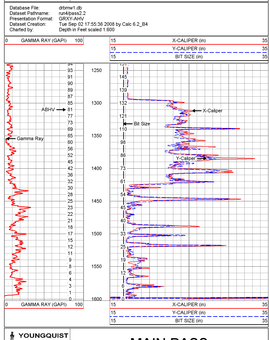
DUAL INDUCTION
BOREHOLE COMPENSATED SONIC

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.

YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEM

MAIN PASS

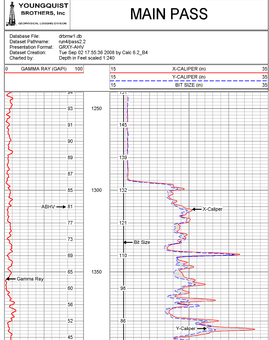
Database File: dbhme1.db
Dataset Pathname: run4pass2
Presentation Format: GRXY-ANV
Dataset Creation: Tue Sep 02 17:55:36 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:1200



YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEM

MAIN PASS

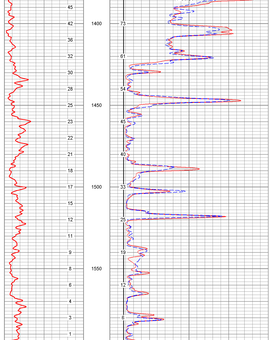
Database File: dbhme1.db
Dataset Pathname: run4pass2.2
Presentation Format: GRXY-ANV
Dataset Creation: Tue Sep 02 17:55:36 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:600



YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEM

MAIN PASS

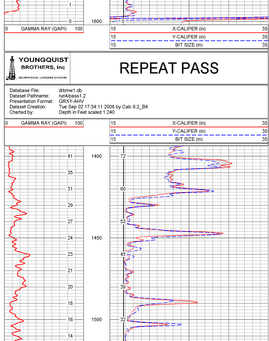
Database File: dbhme1.db
Dataset Pathname: run4pass2.2
Presentation Format: GRXY-ANV
Dataset Creation: Tue Sep 02 17:55:36 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:240

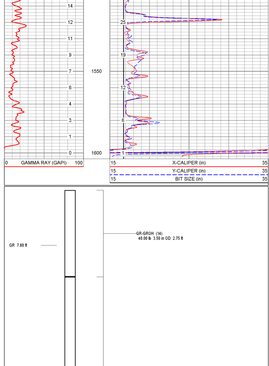


YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEM

REPEAT PASS

Database File: dbhme1.db
Dataset Pathname: run4pass1.2
Presentation Format: GRXY-ANV
Dataset Creation: Tue Sep 02 17:54:11 2008 by Calc 6.2_B4
Charted by: Depth in Feet scaled 1:240





Dataset: run4pass2.2
Total Length: 9.05 ft
Total Weight: 1.00 lb
Tool: 3.59 in

XY Caliper Calibration Report

Serial Number/Model:
Performed:

	Ring		X Caliper		Y Caliper	
1:	5.61	in	374.074	cps	461.261	cps
2:	13.4	in	504.905	cps	576.276	cps
3:	17.25	in	582	cps	645	cps
4:	43	in	1147.60	cps	1156.15	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

YOUNGQUIST BROTHERS, Inc.
SUPERVISOR: LOGGING DIVISION

127-CASING CEMENT TOP TEMPERATURE LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING
Field	SOUTH CENTRAL REG.
County	PALM BEACH
State/Prv	FLORIDA
Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REGIONAL W.T.P.
County	PALM BEACH
State/Prv	FLORIDA

Permanent Datum: PAD
Log Measured From: PAD
Drilling Measured From: PAD

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

Date: 09/08/08
Run Number: COMBINED

Depth Driller	Depth Logger	Bottom Log Interval	Top Log Interval	Casing Driller	Casing Logger	Bit Size
1500	1500	1500	0	127	127	22

Type Fluid in Hole	Dens.	Visc.	pH	Fluid Loss	Source of Sample	Rm	Rmf	Rmc	Source Rmf/Rmc	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Source Rm @ Meas. Temp.	Rm @ BHT	Time Since Circ.	Max. Rec. Temp.	Equip. Location	Recorded By	Witnessed By
WATER																			

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.

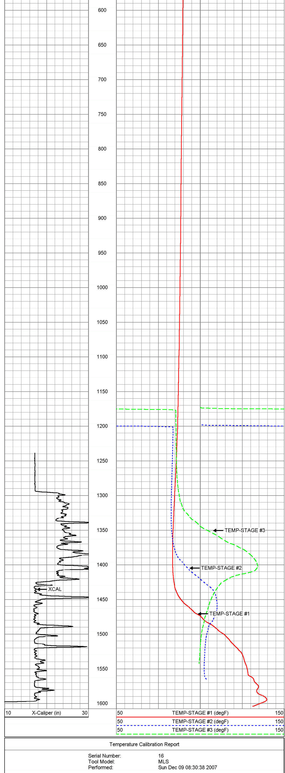
Comments

STAGE 1 LOGGED @ 1500 ON 09/08/08

YOUNGQUIST BROTHERS, Inc
SUPERVISOR: LOGGING DIVISION

MERGED CTL

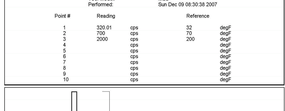
Database File: dbtmw1.db
Dataset Pathname: run5/TEMP1
Presentation Format: CTL_MG
Dataset Creation: Wed Sep 10 08:12:19/01 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600



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
4		cps		degF
5		cps		degF
6		cps		degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

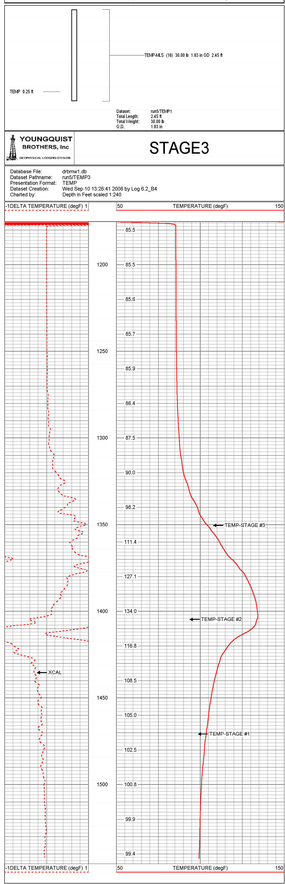


Dataset: run5/TEMP1
Total Length: 2.45 ft
Total Weight: 36.00 lb
O.D. 1.63 in

YOUNGQUIST BROTHERS, Inc
SUPERVISOR: LOGGING DIVISION

STAGE3

Database File: dbtmw1.db
Dataset Pathname: run5/STAGE3
Presentation Format: TEMP
Dataset Creation: Wed Sep 10 13:26:41 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEM

YOUNGQUIST BROTHERS, Inc.

(12" CASING)
CEMENT TOP
TEMPERATURE
LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING
Field	SOUTH CENTRAL REG.
County	PALM BEACH
State/Prv	FLORIDA
Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T.& DISP.
County	PALM BEACH
State/Prv	FLORIDA
Location	
Elevation	
Permanent Datum	FAD
Log Measured From	FAD
Drilling Measured From	FAD
Date Number	09/07/2006
Run Number	ONE
Depth Driller	1600
Depth Logger	1600
Bottom Log Interval	1600
Top Log Interval	0
Casing Driller	12
Casing Logger	
Bit Size	12
Type Fluid in Hole	
Density	
Viscosity	
Max Rec Temp	
Estimated Bottom Hole Temp	
Equipment Number	
Location	
Recorded By	
Witnessed By	
Source	
Rm	
Rmf	
Rmc	
Rm @ Meas Temp	
Rmf @ Meas Temp	
Rmc @ Meas Temp	
Source Rmf / Rmc	
Rm @ BHT	
Time Since Circulation	
Time Since Cement	
Max Rec Temp	
Equipment Number	
Location	
Recorded By	
Witnessed By	

Depth Scale: 1:240

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.

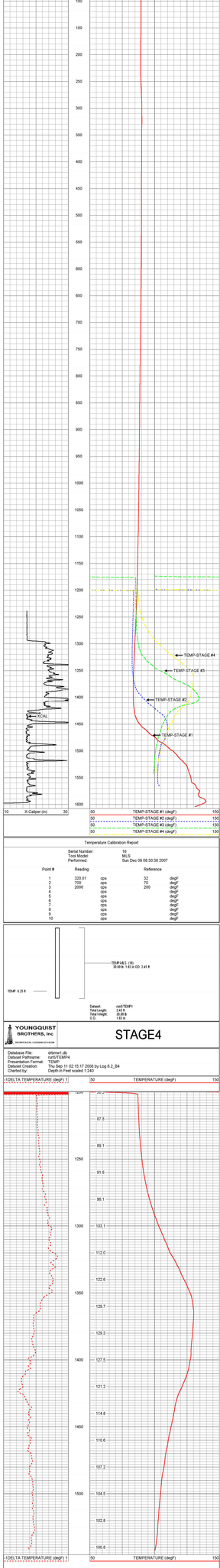
Comments

STAGE 1 LOGGED @ 1500 ON 09/08/06
STAGE 2 LOGGED @ 3130 ON 09/09/06
STAGE 3 LOGGED @ 1730 ON 09/10/06
STAGE 4 LOGGED @ 0600 ON 09/11/06

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEM

MERGED CTL

Database File: dridrwr1.db
Dataset Pathname: run5/TEMP1
Presentation Format: CTL_MG
Dataset Creation: Mon Sep 08 12:19:01 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600



Temperature Calibration Report

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

Point #	Reading		Reference	
1	330.01	cps	32	degF
2	700	cps	70	degF
3	2000	cps	200	degF
4		cps		degF
5		cps		degF
6		cps		degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Dataset: run5/TEMP1
Total Length: 2.45 ft
Total Weight: 30.00 lb
O.D.: 1.60 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEM

STAGE4

Database File: dridrwr1.db
Dataset Pathname: run5/TEMP4
Presentation Format: CTL_MG
Dataset Creation: Thu Sep 11 02:15:17 2006 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

(12" CASING) CEMENT TOP TEMPERATURE LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T & DISP.
County	PALM BEACH
State/Prv	FLORIDA
Location	
Other Services	SEE COMMENTS

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

Date	08-SEPT-2008
Run Number	FIVE
Depth Driller	1600'
Depth Logger	1602'
Bottom Logged Interval	1602'
Top Log Interval	CASING
Open Hole Size	16.75"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	1530
Equipment Number	103
Location	FT.MYERS
Recorded By	TELLEZ
Witnessed By	D. LEGETT

Borehole Record

Run Number	Bit	From	To	Ru Number	Bit	From	To
ONE	32.5"	SURFACE	163'				
TWO	22.5"	CASING	1339'				
FOUR	16.75	CASING	1602'				
FIVE	16.75	CASING	1602'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	24"	.375 W.T.	SURFACE	160'
Prot. String	18"	.375" W.T.	SURFACE	1297'
Production String	12"	.375" W.T.	SURFACE	1600'
Liner				

<<< Fold Here >>>

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

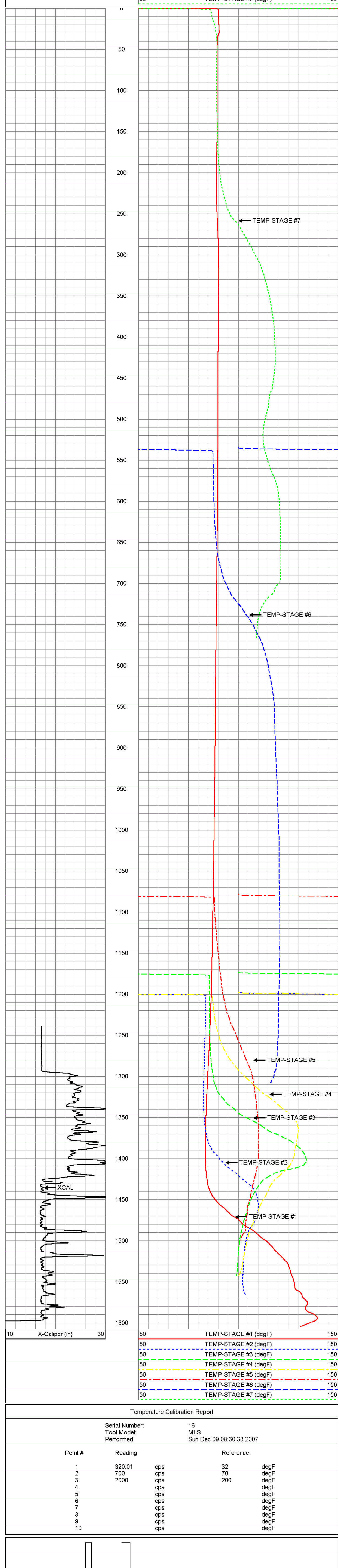
STAGE 1 LOGGED @ 1500 ON 09/08/08
STAGE 2 LOGGED @ 2130 ON 09/09/08
STAGE 3 LOGEED @ 1730 ON 09/10/08
STAGE 4 LOGGED @ 0600 ON 09/11/08
STAGE 5 LOGGED @ 0500 ON 09/12/08
STAGE 6 LOGGED @ 2000 ON 09/12/08
STAGE 7 LOGGED @ 0700 ON 09/13/08

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MERGED CTL

Database File: drbmw1.db
Dataset Pathname: run5/TEMP1
Presentation Format: CTL_MG
Dataset Creation: Mon Sep 08 12:19:01 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600

10 X-Caliper (in) 30	50 TEMP-STAGE #1 (degF) 150
	50 TEMP-STAGE #2 (degF) 150
	50 TEMP-STAGE #3 (degF) 150
	50 TEMP-STAGE #4 (degF) 150
	50 TEMP-STAGE #5 (degF) 150
	50 TEMP-STAGE #6 (degF) 150
	50 TEMP-STAGE #7 (degF) 150

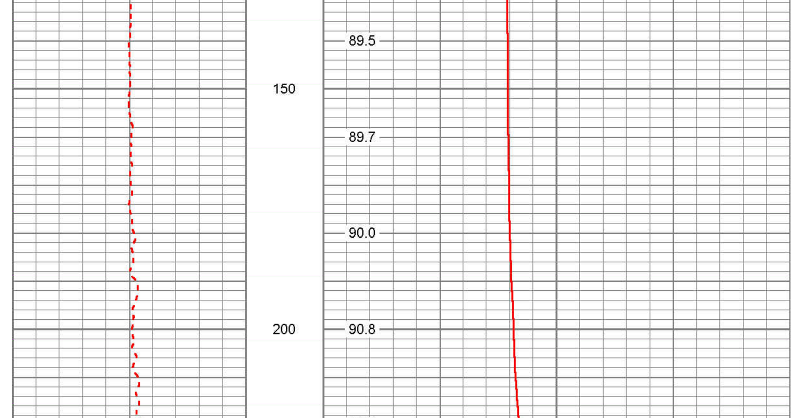


10 X-Caliper (in) 30	50 TEMP-STAGE #1 (degF) 150
	50 TEMP-STAGE #2 (degF) 150
	50 TEMP-STAGE #3 (degF) 150
	50 TEMP-STAGE #4 (degF) 150
	50 TEMP-STAGE #5 (degF) 150
	50 TEMP-STAGE #6 (degF) 150
	50 TEMP-STAGE #7 (degF) 150

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
4		cps		degF
5		cps		degF
6		cps		degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF



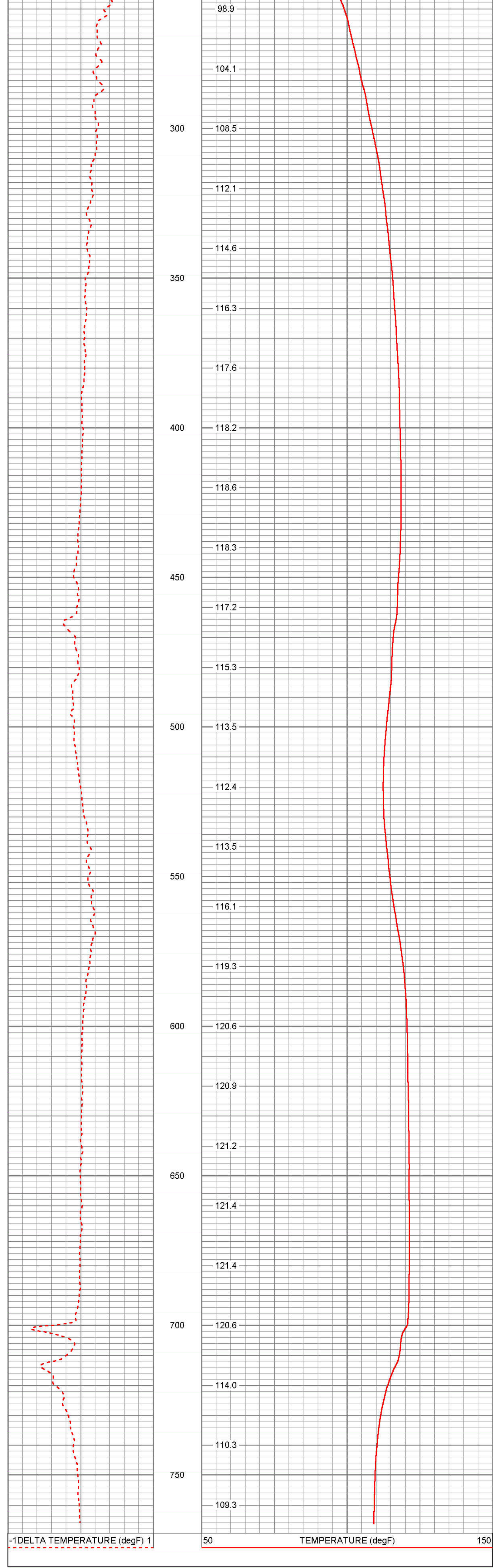
Dataset: run5/TEMP1
Total Length: 2.45 ft
Total Weight: 30.00 lb
O.D. 1.63 in

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

STAGE7

Database File: drbmw1.db
Dataset Pathname: run5/TEMP7
Presentation Format: TEMP
Dataset Creation: Sat Sep 13 04:08:25 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

-1DELTA TEMPERATURE (degF) 1	50 TEMPERATURE (degF) 150



-1DELTA TEMPERATURE (degF) 1	50 TEMPERATURE (degF) 150

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

(12" CASING) CEMENT TOP TEMPERATURE LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T & DISP
County	PALM BEACH State/Prv FLORIDA
Location	Other Services SEE COMMENTS

Company HAZEN & SAWYER
Well DUAL ZONE MONITORING SOUTH CENTRAL REG.
Field PALM BEACH
County/State/Prv FLORIDA

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

Date	08-SEPT-2007
Run Number	FIVE
Depth Driller	1600'
Depth Logger	1602'
Bottom Logged Interval	1602'
Top Log Interval	CASING
Open Hole Size	18.75"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	1530
Equipment Number	103
Location	FT MYERS
Recorded By	MOREY
Witnessed By	D. LEGETT

Borehole Record

Run Number	Bit	From	To	Ru Number	Bit	From	To
ONE	32.5"	SURFACE	163'				
TWO	22.5"	CASING	1339'				
FOUR	18.75	CASING	1602'				

Casing Record

	Size	Weight/ft	Top	Bottom
Surface String	12"	375# W.T.	SURFACE	163'
Prod. Casing	18"	375# W.T.	SURFACE	1339'
Production String	12"	375# W.T.	SURFACE	1600'
Liner				

Form 1 Log Header >>>>

All interpretations, opinions and/or findings based on information from sources other than YOUNGQUIST BROTHERS, INC. are made in good faith but YOUNGQUIST BROTHERS, INC. does 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.

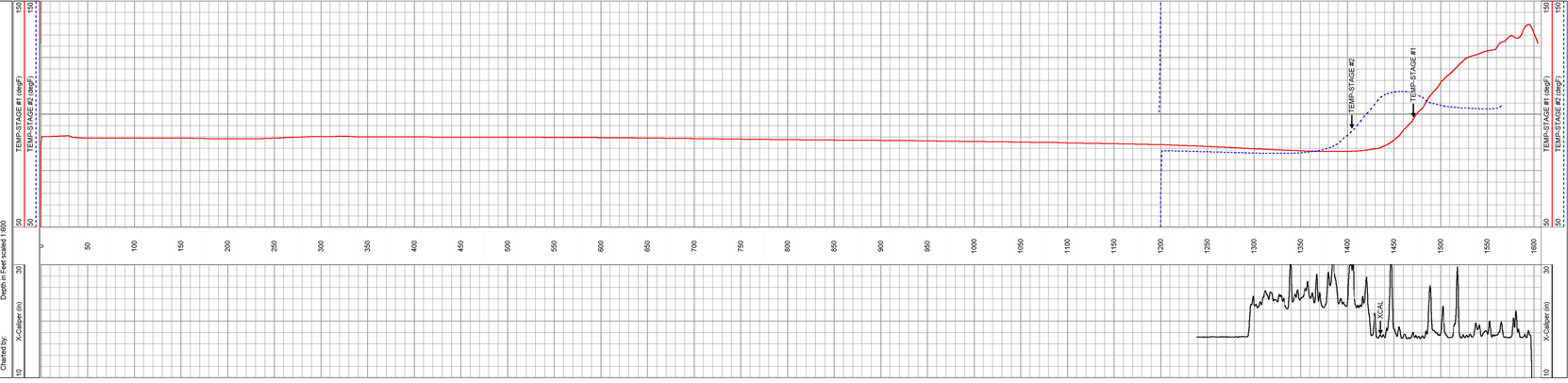
Comments:

STAGE 1 LOGGED @ 1500 ON 09/08/08

MERGED CTL

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

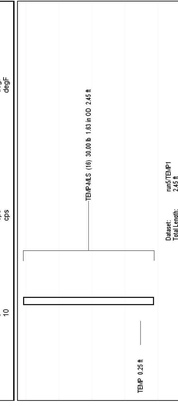
Database File: ddmv1.db
Dataset Pathname: run5/TEMP1
Dataset Digitized On: Mon Sep 08 12:19:01 2008 by Log 8.2_B4
Dataset Creation: Mon Sep 08 12:19:01 2008
Charted by: Depth in Feet scaled 1:600



Temperature Calibration Report
16
BLS
Sun Dec 09 08:30:38 2007

Serial Number:	
Tool Model:	
Probe Type:	

Point #	Reading		Reference	
1	100	cps	32	degF
2	300.01	cps	72	degF
3	700	cps	150	degF
4	2000	cps	200	degF
5		cps		degF
6		cps		degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF



YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEMS

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING
Field	SOUTH CENTRAL REG.
County	PALM BEACH
State	FLORIDA
Permanent Datum	
Log Measured From	
Drilling Measured From	
Elevation	
D.F. G.L. K.B.	
Date	
Run No.	
Depth-Driller	
Depth-Logger	
Bottom Log Interval	
Top Log Interval	
Casing-Driller	
Casing-Logger	
Bit Size	
Type Fluid in Hole	
Dens. / Visc.	
pH / Fluid Loss	
Source of Sample	
Rm @ Meas. Temp.	
Rmf @ Meas. Temp.	
Rmc @ Meas. Temp.	
Source: Rmf / Rmc	
Rm @ BHT	
Time Since Circ.	
Max. Rec. Temp.	
Equip. / Location	
Recorded By	
Witnessed By	

COMMENTS

BOREHOLE COMPENSATED SONIC with VDL LOG

HAZEN & SAWYER
DUAL ZONE MONITORING WELL #1
SOUTH CENTRAL REG. W.W.T. & D.P.
PALM BEACH COUNTY, FLORIDA

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

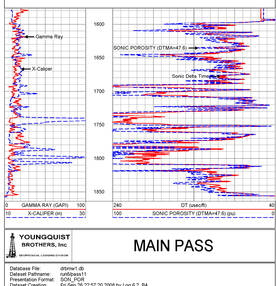
X-Y CALIPER/GAMMA RAY
FLUID CONDUCTIVITY/TEMP
DUAL INDUCTION
CEMENT BOND LOG
VIDEO

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS

MAIN PASS

Database File: dntnwr1.db
Dataset Pathname: run6pass11
Presentation Format: SON_POR
Dataset Creation: Fri Sep 26 22:57:20 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600

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

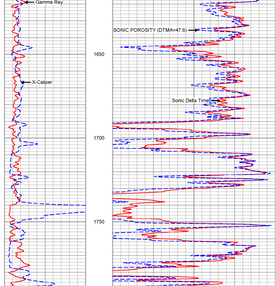


YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS

MAIN PASS

Database File: dntnwr1.db
Dataset Pathname: run6pass11
Presentation Format: SON_POR
Dataset Creation: Fri Sep 26 22:57:20 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600

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

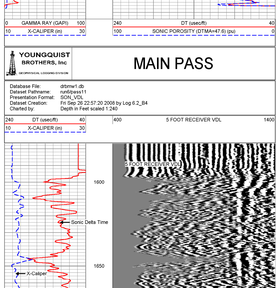


YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS

MAIN PASS

Database File: dntnwr1.db
Dataset Pathname: run6pass11
Presentation Format: SON_POR
Dataset Creation: Fri Sep 26 22:57:20 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

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

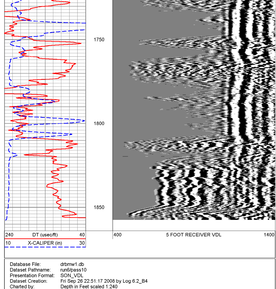


YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS

MAIN PASS

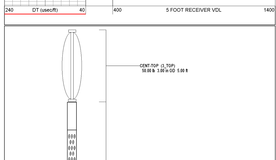
Database File: dntnwr1.db
Dataset Pathname: run6pass11
Presentation Format: SON_VDL
Dataset Creation: Fri Sep 26 22:57:20 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

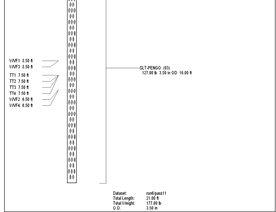
240 DT (usec/ft) 40 | 400 5 FOOT RECEIVER VDL 1400
10 X-CALIPER (in) 30



Database File: dntnwr1.db
Dataset Pathname: run6pass10
Presentation Format: SON_VDL
Dataset Creation: Fri Sep 26 22:51:17 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





YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL SURVEYS

Company:	HAZEN & SAWYER
Project:	SOUTH CENTRAL REGIONAL WWTP
Field:	PALM BEACH
County:	PALM BEACH
State:	FLORIDA
Country:	USA
Date:	2008
Time:	
Operator:	
Recorder:	
Comments:	

HAZEN & SAWYER
SOUTH CENTRAL REGIONAL WWTP
PALM BEACH, FLORIDA

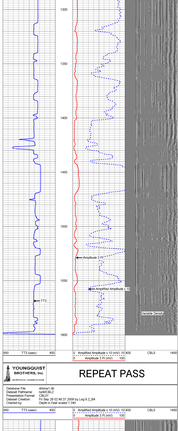
OLT-2 CASING
VARIABLE DENSITY
VARIABLE LOG

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 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 standard terms and conditions set forth in our price schedule.

YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL SURVEYS

MAIN PASS

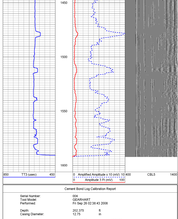
Datarecorder File: 20080C.JB
Operator Station: 01
Operator/Witness: JBS
Calibration Date: Fri Sep 30 09:49:20005 Log Log 6_2_84
Charted by: Depth in Feet scaled 1:240



YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL SURVEYS

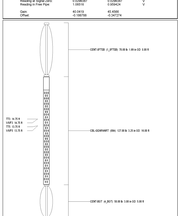
REPEAT PASS

Datarecorder File: 20080C.JB
Operator Station: 01
Operator/Witness: JBS
Calibration Date: Fri Sep 30 09:49:17 2008 Log Log 6_2_84
Charted by: Depth in Feet scaled 1:240



Current Band Log Calibration Report

Serial Number:	224
Calibration Date:	20080930T
Performed:	Fri Sep 30 09:49:20 2008
Depth:	202.375 ft
Casing Diameter:	13.75 in
	7" Spacing 9" Spacing
Digital Zero:	0
Calibrated Amplitude:	41.3984 mV 41.3984 mV
Reading at Digital Zero:	0.0384307 0.0384307 V
Reading at Full Scale:	0.0384307 0.0384307 V
Gain:	60.0615 60.0615
Offset:	-0.1587192 -0.1587192



YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEMS

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING
Field	SOUTH CENTRAL REG.
County	PALM BEACH
State	FLORIDA

DUAL INDUCTION LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T. & DISP.
County	PALM BEACH
State	FLORIDA
Location	
Elevation	
Permanent Datum	GRD
Log Measured From	PKB
Drilling Measured From	GRD
API Serial No.	
Date	07-Jun-07
Run No.	ONE
Depth-Driller	1200
Depth-Logger	1200
Bottom Log Interval	1200
Top Log Interval	SURFACE
Casing-Driller	8.625 @ 0
Casing-Logger	
Bit Size	7.875
Type Fluid in Hole	WATER
Density	
Viscosity	
Max. Rec. Temp.	86 F
Estimated Bottom Hole Temp.	
Operating Rig Time	
Recorded By	CHAMBERS
Witnessed By	

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.

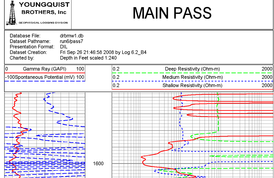
Comments

X-Y CALIPER/GAMMA RAY
FLUIS CONDUCTIVITY/TEMP
BOREHOLE COMPENSATED SONIC
CEMENT BOND LOG
VIDEO

MAIN PASS

YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEMS

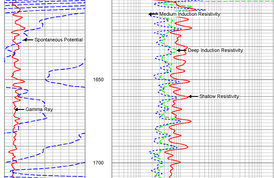
Database File: dotime1.db
Dataset Pathname: rundbsss7
Presentation Format: DIL
Dataset Creation: Fri Sep 28 21:46:58 2008 by Log 6.2_64
Charted by: Depth in Feet scaled 1:200



MAIN PASS

YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEMS

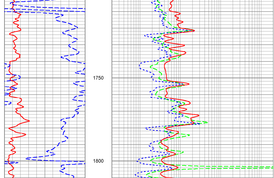
Database File: dotime1.db
Dataset Pathname: rundbsss7
Presentation Format: DIL
Dataset Creation: Fri Sep 28 21:46:58 2008 by Log 6.2_64
Charted by: Depth in Feet scaled 1:800



MAIN PASS

YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEMS

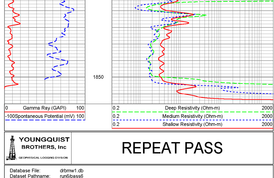
Database File: dotime1.db
Dataset Pathname: rundbsss7
Presentation Format: DIL
Dataset Creation: Fri Sep 28 21:46:58 2008 by Log 6.2_64
Charted by: Depth in Feet scaled 1:240

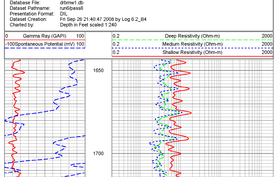


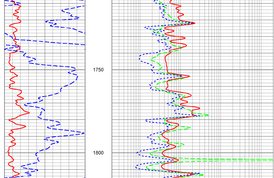
REPEAT PASS

YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEMS

Database File: dotime1.db
Dataset Pathname: rundbsss8
Presentation Format: DIL
Dataset Creation: Fri Sep 28 21:40:47 2008 by Log 6.2_64
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: Fri Sep 26 21:10:42 2008
After Survey Verification Performed: Fri Sep 26 21:55:21 2008

Surface Calibration

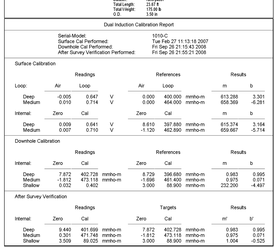
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep:	-0.005	0.647	V	0.000	400.000	mmho-m	613.288	3.301
Medium:	0.010	0.714	V	0.000	484.000	mmho-m	658.386	-6.281
Internal:	Zero	Cal		Zero	Cal		m	b
Deep:	0.009	0.641	V	8.610	387.880	mmho-m	615.374	3.166
Medium:	0.007	0.710	V	-1.120	482.880	mmho-m	659.667	-5.714

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep:	7.672	402.728	mmho-m	8.729	356.680	mmho-m	0.983	0.995
Medium:	-1.812	473.116	mmho-m	-1.696	481.400	mmho-m	0.975	0.071
Shallow:	0.052	0.402		3.000	89.900	mmho-m	232.200	-4.487

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		mr	br
Deep:	9.440	401.699	mmho-m	7.672	402.728	mmho-m	0.983	0.995
Medium:	0.301	471.748	mmho-m	-1.812	473.116	mmho-m	0.975	0.071
Shallow:	3.509	89.020	mmho-m	3.000	89.900	mmho-m	1.004	-0.520



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FLUID CONDUCTIVITY TEMPERATURE LOG

Company HAZEN & SAWYER
Well DUAL ZONE MONITORING WELL #1
Field SOUTH CENTRAL REG. W.W.T & DISP.
County PALM BEACH State FLORIDA

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING
Field	SOUTH CENTRAL REG.
County	PALM BEACH
State	FLORIDA

Location

Other Services: SEE COMMENTS

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

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

Date	26-SEPT-2008
Run Number	SIX
Depth Driller	1860'
Depth Logger	1864'
Bottom Logged Interval	1864'
Top Log Interval	CASING
Open Hole Size	11"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	NA
Time Well Ready	ON ARRIVAL
Time Logger on Bottom	2030
Equipment Number	103
Location	FT.MYERS
Recorded By	FULLER
Witnessed By	LAMB, B

Borehole Record

Run Number	Bit	From	To	Run No.
ONE	32.5"	SURFACE	163'	SIX
TWO	22.5"	CASING	1339'	
FOUR	16.75	CASING	1602'	
FIVE	16.75	CASING	1602'	

Borehole Record

Bit	From	To
11"	CASING	1864'

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	24"	.375 W.T.	SURFACE	160'
Prot. String	18"	.375" W.T.	SURFACE	1297'
Production String	12"	.375" W.T.	SURFACE	1600'
Liner				

<< Fold Here >>

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.

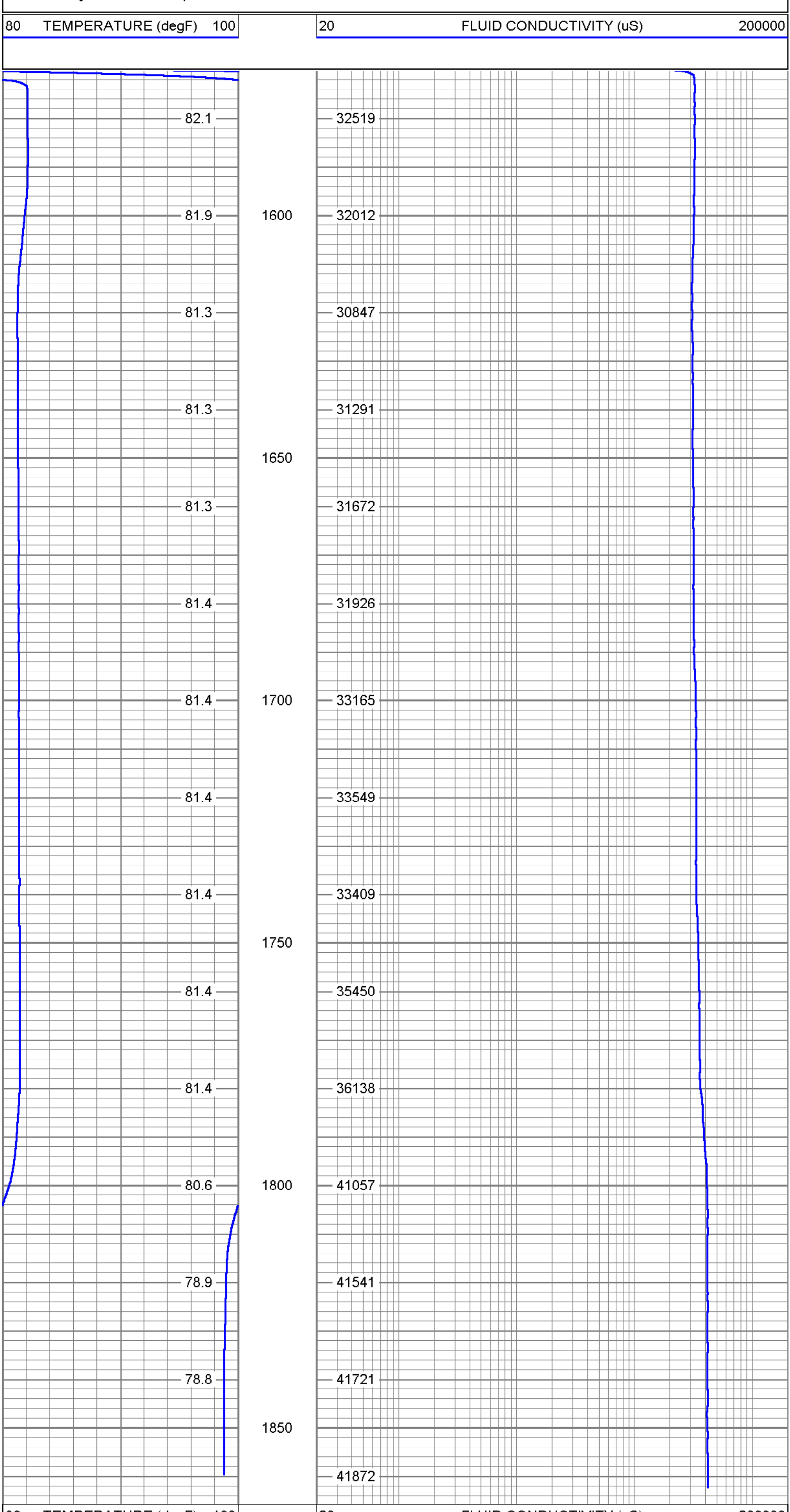
Comments

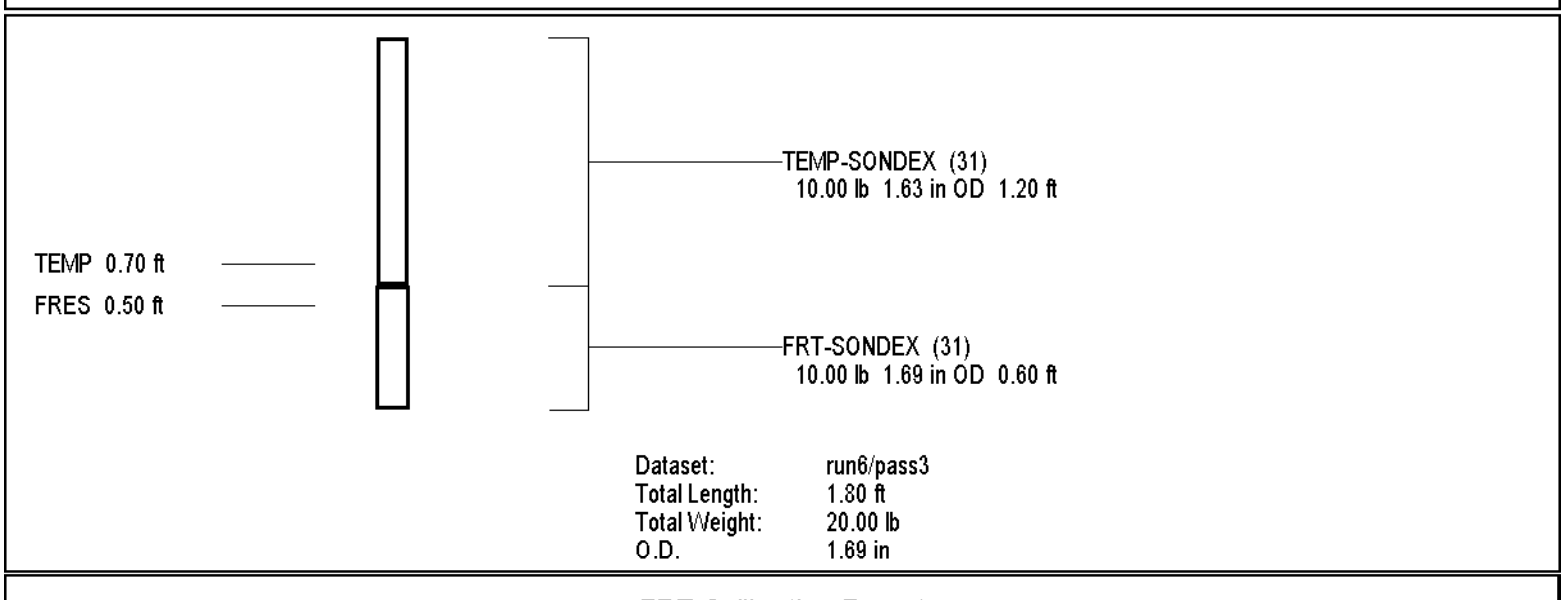
X-Y CALIPER/GAMMA RAY
DUAL INDUCTION
BOREHOLE COMPENSATED SONIC
CEMENT BOND LOG
VIDEO

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

STATIC FCT

Database File:	drbmw1.db
Dataset Pathname:	run6/pass3
Presentation Format:	FRTTEMP
Dataset Creation:	Fri Sep 26 20:19:47 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240





Dataset:	run6/pass3
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:	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

YOUNGQUIST BROTHERS, Inc.
GEOPHYSICAL LOGGING SYSTEMS

X-Y CALIPER GAMMA RAY LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T. & DSP
County	PALM BEACH
State	FLORIDA
Location	
Permanent Datum	Elevation
Log Measured From	
Drilling Measured From	
API Serial No.	
Run No.	ONE
Date	26-Mar-08
Depth Driller	1600 ft
Depth Logger	1600 ft
Bottom Log Interval	1600 ft
Top Log Interval	0 ft
Casing Driller	8.5 in @ 0 ft
Casing Logger	
Bit Size	6.125 in
Type Fluid in Hole	WATER
Density / Viscosity	
PH / Fluid Loss	
Source of Sample	
Rm @ Measured Temp	
Rmf @ Measured Temp	
Rmc @ Measured Temp	
Source: Rmf / Rmc	
Rm @ BHT	
Time Since Circulation	
Time Since Logging	
Max Recorded Temp	
Equipment / Location	5104 / PBC
Recorded By	D.O.
Witnessed By	

Field Name: FLO

Remarks: FLUID CONDUCTIVITY/TEMP DUAL INDUCTION BOREHOLE COMPENSATED SONIC CEMENT BOND LOG VIDEO

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 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
DUAL INDUCTION
BOREHOLE COMPENSATED SONIC
CEMENT BOND LOG
VIDEO

MAIN PASS

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS

Database File: dribrw1.db
Dataset Pathname: run6/dset3.1
Presentation Format: GRXY-AHV
Dataset Creation: Fri Sep 26 20:56:12 2008 by Calc 6.2_84
Charted by: Depth in Feet scaled 1:1200

MAIN PASS

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS

Database File: dribrw1.db
Dataset Pathname: run6/dset3.1
Presentation Format: GRXY-AHV
Dataset Creation: Fri Sep 26 20:56:12 2008 by Calc 6.2_84
Charted by: Depth in Feet scaled 1:600

MAIN PASS

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS

Database File: dribrw1.db
Dataset Pathname: run6/dset3.1
Presentation Format: GRXY-AHV
Dataset Creation: Fri Sep 26 20:56:12 2008 by Calc 6.2_84
Charted by: Depth in Feet scaled 1:240

REPEAT PASS

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS

Database File: dribrw1.db
Dataset Pathname: run6/dset3.1
Presentation Format: GRXY-AHV
Dataset Creation: Fri Sep 26 20:55:13 2008 by Calc 6.2_84
Charted by: Depth in Feet scaled 1:240

Dataset: run6/dset3.1
Total Length: 9.00 ft
Total Weight: 127.00 lb
O.D.: 3.50 in

XY Caliper Calibration Report

Serial Number/Model: 0658A-XYCDM
Performed: Fri Sep 26 20:25:34 2008

Ring		X Caliper		Y Caliper	
1:	5.61 in	315.215	cps	279.079	cps
2:	13.85 in	414.0	cps	0.0	cps
3:	13.4 in	414.112	cps	370.27	cps
4:	39.25 in	804.204	cps	749.449	cps
5:	in	cps		cps	
6:	in	cps		cps	

Gamma Ray Calibration Report

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

Calibrator Value: 120 GAPI

Background Reading: 43.4454 cps
Calibrator Reading: 204.505 cps

Sensitivity: 0.6754 GAPI/cps

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS
Phone: (281) 353-5625 • Fax: (281) 353-5626

(18 5/8" CASING) CEMENT BOND VARIABLE DENSITY LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T. & DISP.
County	PALM BEACH
State	FLORIDA
Location	NONE
Elevation	
Permanent Datum	PAD
Log Measured From	PAD
Drilling Measured From	PAD
API Serial No.	

>>> Field Files <<<

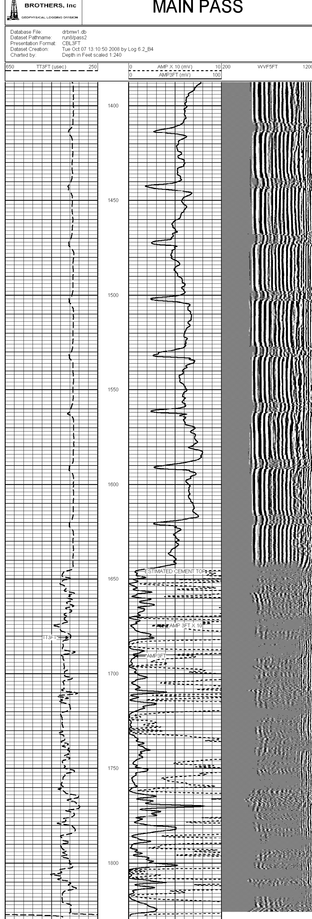
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting 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

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS

MAIN PASS

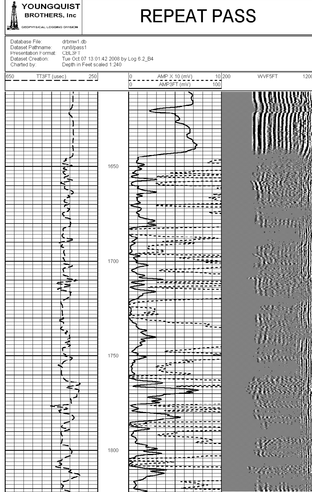
Database File: dr0ne1.db
Dataset Pathname: run0pass1
Presentation Format: CBL3FT
Dataset Creation: Tue Oct 07 13:10:50 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING SYSTEMS

REPEAT PASS

Database File: dr0ne1.db
Dataset Pathname: run0pass1
Presentation Format: CBL3FT
Dataset Creation: Tue Oct 07 13:31:42 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240



Segmented Cement Bond Log Calibration Report

Serial Number: 0001
Tool Model: A

Calibration Casing Diameter: 6.625 in
Calibration Depth: 122.438 ft

Master Calibration, performed Tue Oct 07 12:59:23 2008

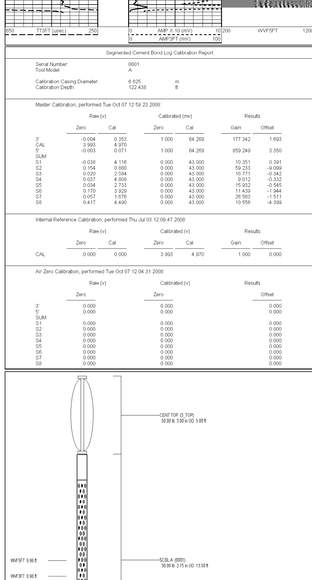
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.004	0.353	1.000	64.269	177.342	1.693
CAL	3.993	4.370				
5'	-0.003	0.071	1.000	64.269	859.249	3.350
SUM						
S1	-0.035	4.195	0.000	43.000	10.351	0.391
S2	0.154	0.880	0.000	43.000	59.253	-9.099
S3	0.020	2.594	0.000	43.000	16.771	-0.342
S4	0.037	4.808	0.000	43.000	9.012	-0.332
S5	0.034	2.753	0.000	43.000	15.902	-0.545
S6	0.170	3.929	0.000	43.000	11.439	-1.944
S7	0.000	4.370	0.000	43.000	10.000	0.000
S8	0.417	4.490	0.000	43.000	10.556	-4.389

Internal Reference Calibration, performed Thu Jul 03 12:09:47 2008

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	3.993	4.970	1.000	0.000

Air Zero Calibration, performed Tue Oct 07 12:04:31 2008

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000



Dataset: run0pass2
Total Length: 21.75 ft
Total Weight: 110.00 lb
O.D.: 3.00 in

YOUNGQUIST BROTHERS, Inc
PROPERISCAL LOGGING DIVISION

(6.625" CASING) CEMENT TOP TEMPERATURE LOG

Company	HAZEN & SAWYER
Well	DUAL ZONE MONITORING WELL #1
Field	SOUTH CENTRAL REG. W.W.T & DISP
County	PALM BEACH State FLORIDA

Location			Other Services SEE COMMENTS
Permanent Datum	PAD	Elevation	Elevation
Log Measured From	PAD		K.B.
Drilling Measured From	PAD		D.F.
			G.L.

Company HAZEN & SAWYER
Well DUAL ZONE
Field SOUTH CENTRAL REG.
County PALM BEACH
State FLORIDA

Date	03-OCT-2008		
Run Number	SEVEN		
Depth Driller	1523'		
Depth Logger	1523'		
Bottom Logged Interval	1523'		
Top Log Interval	CASING		
Open Hole Size	11"		
Type Fluid	WATER		
Density / Viscosity	NA	NA	
Max. Recorded Temp.	NA		
Estimated Cement Top	350'		
Time Well Ready	ON ARRIVAL		
Total Depth / Bottom	1523'		
Equipment Number	102		
Location	FT MYERS		
Recorded By	BELLEY		
Witnessed By	LAMB B		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run Number	Bit	From	To
ONE	22.5"	SURFACE	100'	SIX	11"	CASING	1994'
TWO	22.5"	CASING	100'				
THREE	12.75"	CASING	1332'				
FOUR	12.75"	CASING	1332'				
FIVE	12.75"	CASING	1992'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Casing String	24"	375 W.T.	SURFACE	100'
Casing String	16"	375 W.T.	SURFACE	1297'
Casing String	12"	375 W.T.	SURFACE	1990'
Casing String	6.625"	FRP	SURFACE	1824'

All conclusions and interpretations are based on inferences from electrical or other measurements, and we cannot, and do not guarantee the accuracy or correctness of any interpretations, 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.

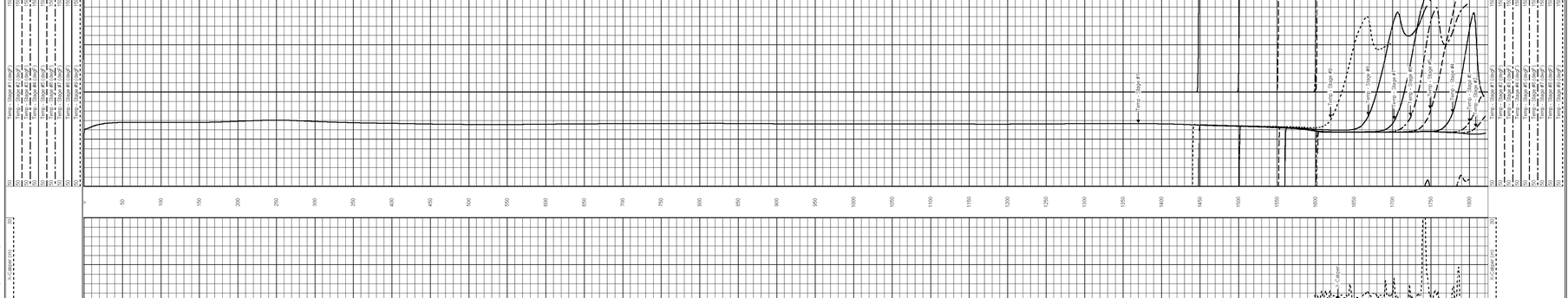
Comments

STAGE 1 LOGGED @ 1830 ON 10/02/08
STAGE 2 LOGGED @ 1650 ON 10/03/08
STAGE 3 LOGGED @ 1700 ON 10/03/08
STAGE 4 LOGGED @ 1600 ON 10/04/08
STAGE 5 LOGGED @ 1700 ON 10/04/08
STAGE 6 LOGGED @ 1500 ON 10/05/08
STAGE 7 LOGGED @ 1700 ON 10/05/08
STAGE 8 LOGGED @ 1500 ON 10/06/08
STAGE 9 LOGGED @ 1700 ON 10/06/08

MERGED CTL

YOUNGQUIST BROTHERS, INC
PROPERISCAL LOGGING DIVISION

Database File: dpmod.db
Dataset Name: CTL_Set
Presentation Format: Temp_Set
Created by: Depth in Feet scaled 1:600



TDIP 6/21

TDIP 6/21

Serial Number 16
Model Number 6.5-2
Performed Sun Jul 20 07:32:40 2008

Point #	Reading	Reference
1	320	52
2	1000	200
3	2000	400

Water Temp 105 degF
Total Length 1000 ft
Cable Weight 0.19 lb/ft
Temperature Calibration Report