YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

(18" CASING) CEMENT TOP TEMPERATURE LOG

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

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

Location

Other Services
SEE COMMENTS

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

Date	MAY-13-06		
Run Number	TEN		
Depth Driller	3500'		
Depth Logger	2930'		
Bottom Logged Interval	2930'		
Top Log Interval	CASING		
Open Hole Size	17.5"	18.25"	26.5"
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	ON ARRIVAL		
Time Logger on Bottom	1800		
Equipment Number	101		
Location	FT.MYERS		
Recorded By	GOODWIN		
Witnessed By	T.URAM		

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
NINE	17.5"	2952'	3500'				
	18.25"	2950'	2952'				
	26.5"	CASING	2950'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	48"	.375 W.T.	SURFACE	188'
Prot. String	36"	.375 W.T	SURFACE	846'
Production String	28"	.375" W.T.	SURFACE	1920'
Liner	18"	.500" W.T.	SURFACE	2953'

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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

STAGE# 1 LOGGED ON 5/13/06 @2300
STAGE# 2 LOGGED ON 5/14/06 @0830
STAGE# 3 LOGGED ON 5/15/06 @1800
STAGE# 4 LOGGED ON 5/16/06 @0400
STAGE# 5 LOGGED ON 5/16/06 @1300
STAGE# 6 LOGGED ON 5/17/06 @2200
STAGE# 7 LOGGED ON 5/17/06 @0830
STAGE# 8 LOGGED ON 5/17/06 @1630
STAGE# 9 LOGGED ON 5/17/06 @2000
STAGE# 10 LOGGED ON 5/18/06 @0100
STAGE# 11 LOGGED ON 5/19/06 @0930
STAGE# 12 LOGGED ON 5/20/06 @1100

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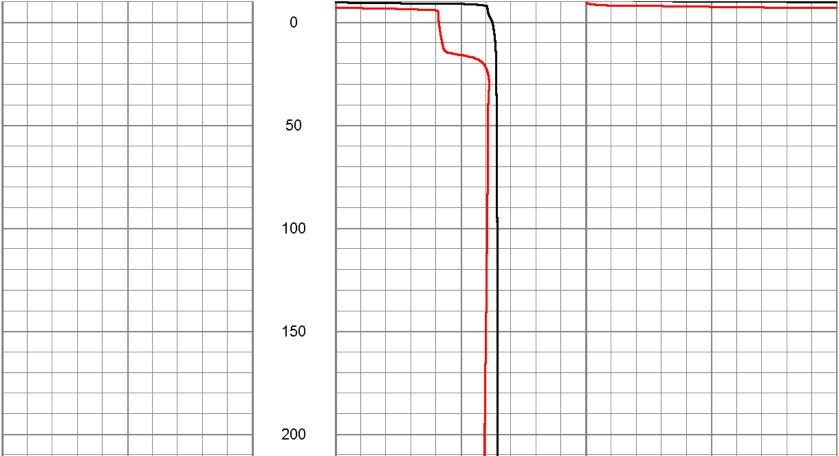
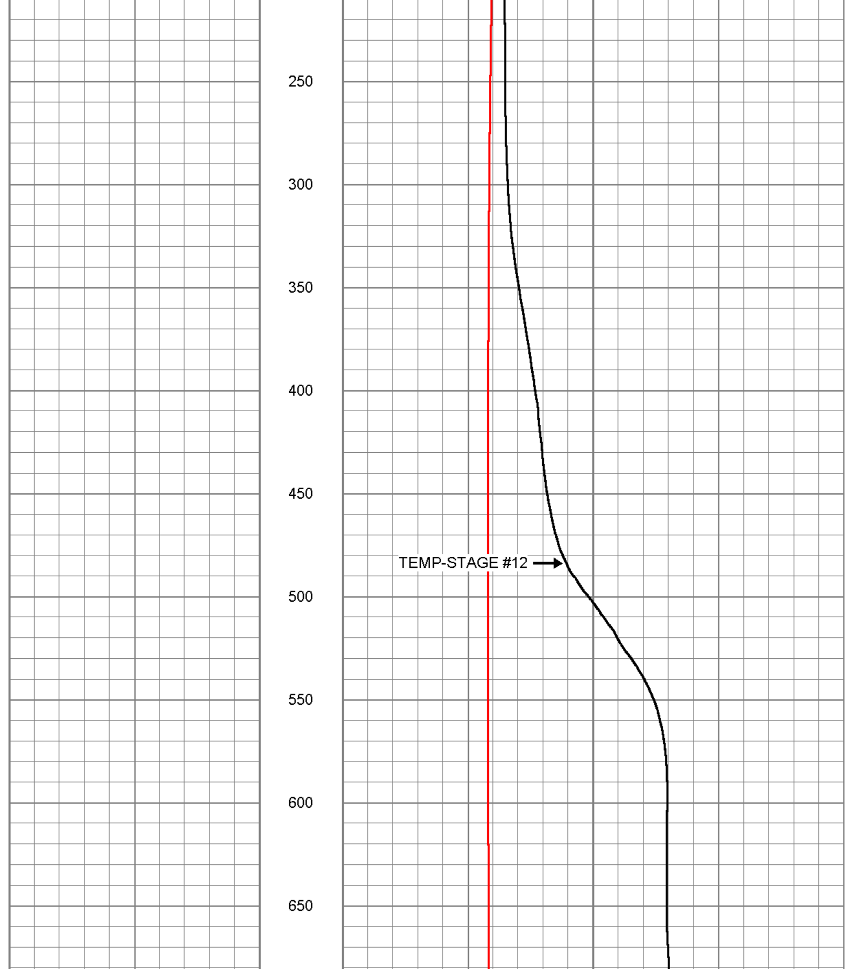
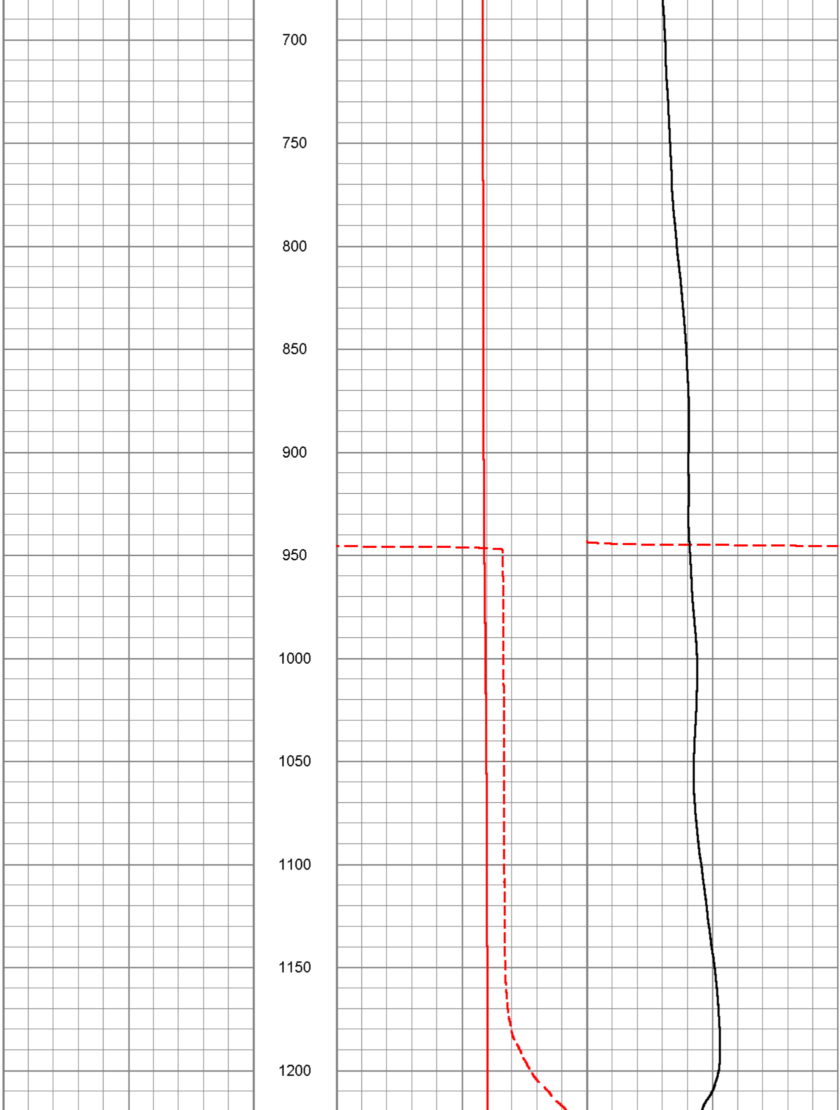
CTL MERGED

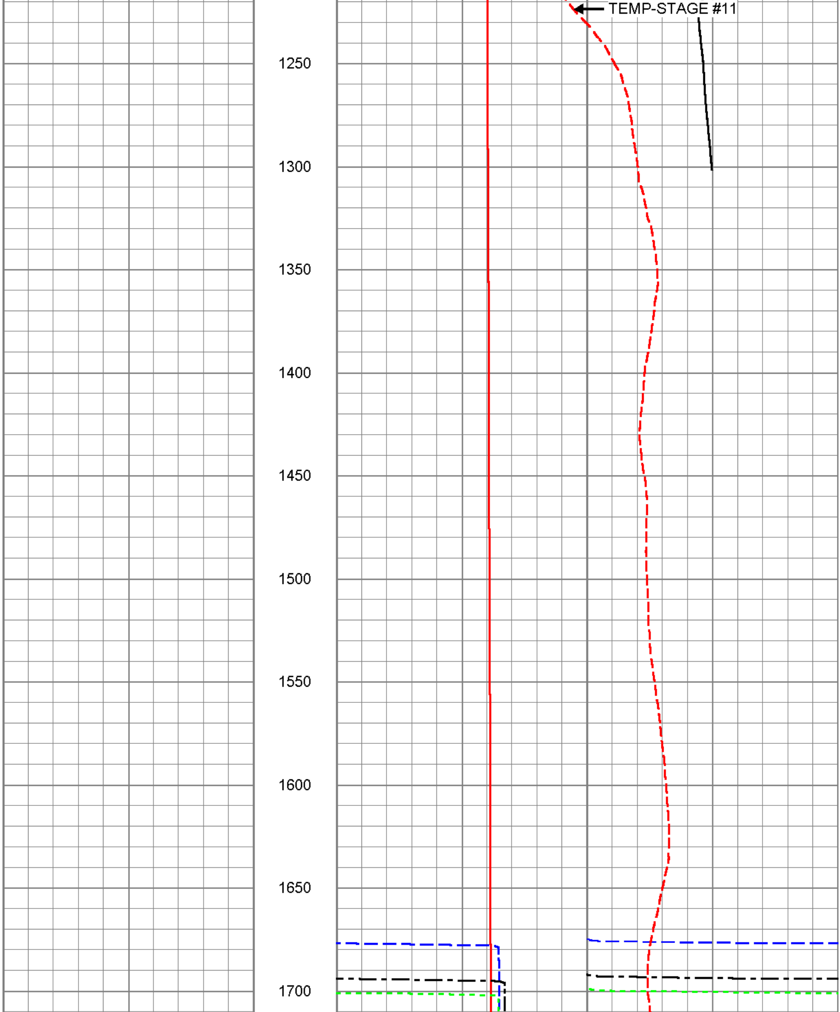
Database File: belleiw1.db
Dataset Pathname: run10/pass1
Presentation Format: CTL_MG
Dataset Creation: Sat May 13 22:38:29 2006 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:600

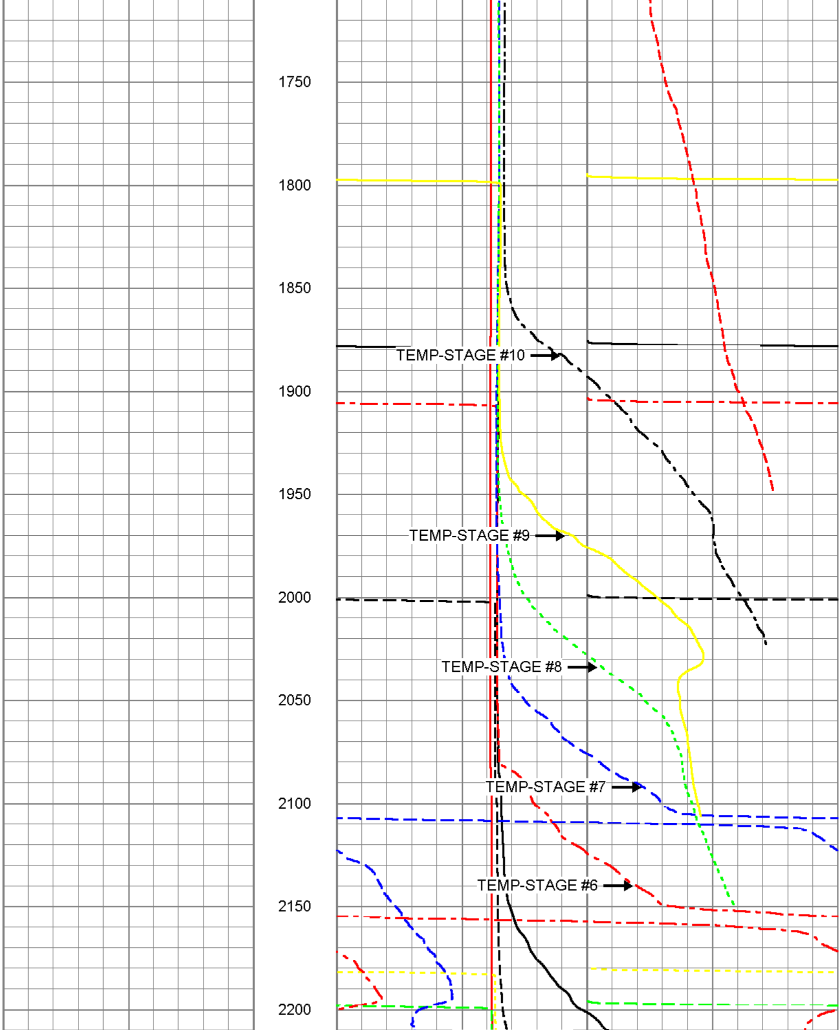
50	TEMP-STAGE #1 (degF)	150
50	TEMP2 (degF)	150
50	TEMP-STAGE #3 (degF)	150
50	TEMP-STAGE #5 (degF)	150
50	TEMP-STAGE #6 (degF)	150
50	TEMP-STAGE #7 (degF)	150
50	TEMP-STAGE #8 (degF)	150
50	TEMP-STAGE #9 (degF)	150
50	TEMP-STAGE #10 (degF)	150
50	TEMP-STAGE #11 (degF)	150
50	TEMP4 (degF)	150
50	TEMP-STAGE #12 (degF)	150

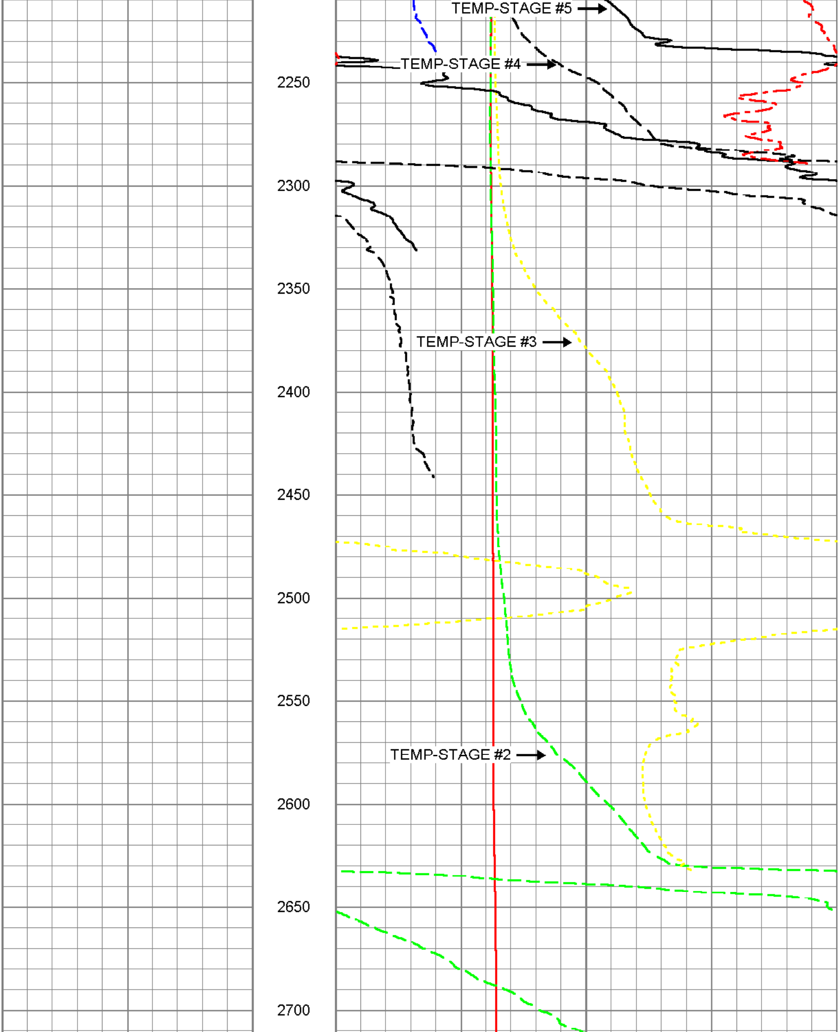


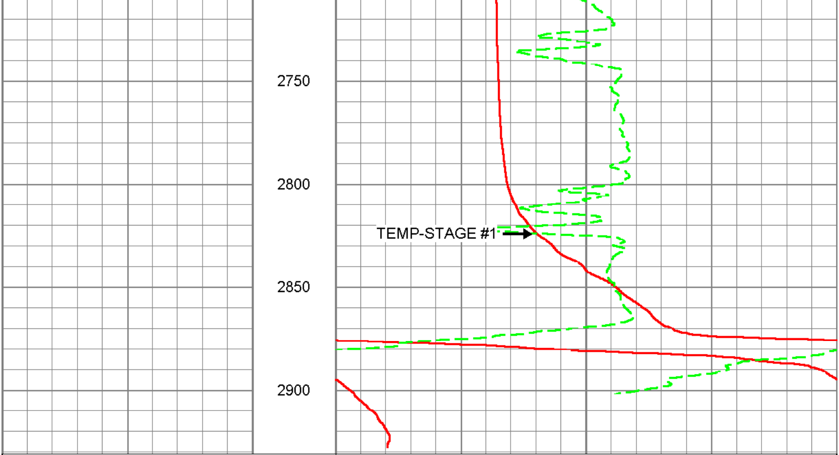












50	TEMP-STAGE #1 (degF)	150
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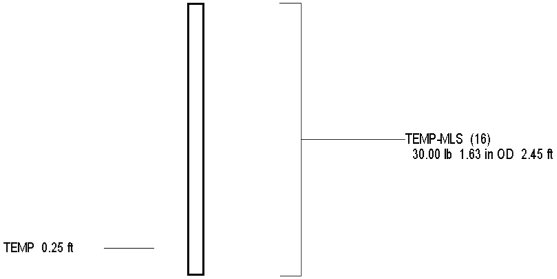
50	TEMP-STAGE #12 (degF)	150



Dataset:	run10/pass1
Total Length:	2.45 ft
Total Weight:	30.00 lb
O.D.	1.63 in

Temperature Calibration Report

Serial Number: 16
Tool Model: MLS
Performed: Fri Apr 04 14:03:15 2003

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