YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FLUID CONDUCTIVITY TEMPERATURE LOG

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

Company PALM BEACH COUNTY WATER UTIL.
Well DZMW #1
Field LAKE REGION
County PALM BEACH State FLORIDA
Location
Other Services SEE COMMENTS
Permanent Datum PAD Elevation
Log Measured From PAD K.B.
Drilling Measured From PAD D.F.
G.L.

Date	21-JUNE-2006												
Run Number	SEVEN												
Depth Driller	2100'												
Depth Logger	2100'												
Bottom Logged Interval	2100'												
Top Log Interval	CASING												
Open Hole Size	11.625"												
Type Fluid	WATER												
Density / Viscosity	NA												
Max. Recorded Temp.	NA												
Estimated Cement Top	NA												
Time Well Ready	0830												
Time Logger on Bottom	0900												
Equipment Number	103												
Location	FT.MYERS												
Recorded By	CATHEY												
Witnessed By	T. URAM												

Borehole Record					Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	38.5"	SURFACE	199'	FIVE	18.25"	CASING	1950'
TWO	12.25"	CASING	900'	SIX	11.625"	CASING	2100'
THREE	28.5"	CASING	861'				
FOUR	12.25"	CASING	1940'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375" W.T.	SURFACE	192'
Prot. String	20"	.375" W.T.	SURFACE	850'
Production String	12.75"	.375" W.T.	SURFACE	1940'
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

OTHER SERVICES:

X-Y CALIPER
SONIC
FLOWMETER
DUAL INDUCTION
VIDEO
CEMENT BOND LOG

DYNAMIC FLOWRATE = 150 GPM

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MERGED FCT

Database File: bellemw1.db
Dataset Pathname: run7/pass14
Presentation Format: FRT_MG
Dataset Creation: Wed Jun 21 18:30:49 2006 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

75 DYNAMIC TEMP (degF) 95		20 DYNAMIC FLUID CONDUCTIVITY (uS) 200000
75 STATIC TEMP (degF) 95		20 STATIC FLUID CONDUCTIVITY (uS) 200000

87.3	88.3	1900	44209	42452
87.4	88.8		43102	42407
87.4	88.4		43397	42480
87.1	88.5		44028	41962
87.2	88.1		43239	42008
87.8	88.0	1950	39710	42210
87.9	87.3		39634	41924
87.6	87.7		40133	41741
86.9	87.8		45317	41544
86.8	87.8		45273	41645
86.8	87.3	2000	45108	41850
86.9	87.2		45171	41724
86.8	87.8		45355	42311
86.8	87.8		45171	42211
86.7	87.6		45252	42350
86.6	87.7	2050	45179	44057
86.5	87.6		45904	44326
86.5	87.4		46576	44997
86.4	86.1		46423	45053
86.3	86.5		47385	46508
		2100		

DYNAMIC FLOWRATE = 150 GPM
STATIC TEMP
DYNAMIC TEMP1
STATIC FLUID CONDUCTIVITY (uS)
DYNAMIC FLUID CONDUCTIVITY

75 DYNAMIC TEMP (degF) 95	20 DYNAMIC FLUID CONDUCTIVITY (uS) 200000
75 STATIC TEMP (degF) 95	20 STATIC FLUID CONDUCTIVITY (uS) 200000

FRT Calibration Report

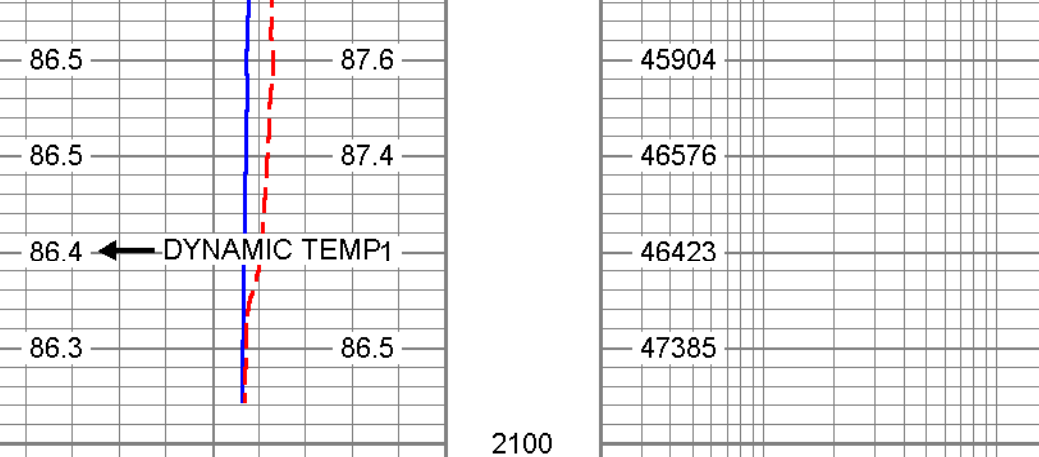
Serial Number: 31
Tool Model: SONDEX
Performed: Thu Nov 17 15:03:36 2005

Point #	Reading		Reference
1	30.817	cps	1000.000
2	171.328	cps	10000.000
3	445.517	cps	25000.000
4	965.867	cps	50000.000
5		cps	
6		cps	

Temperature Calibration Report

Serial Number: 31
Tool Model: SONDEX
Performed: Thu Nov 17 15:03:50 2005

Point #	Reading		Reference	
1	128.595	cps	41	degF
2	265.556	cps	70	degF
3	697.393	cps	156	degF



Dataset: run7/pass14
Total Length: 1.80 ft
Total Weight: 20.00 lb
O.D. 1.69 in