

**FLUID CONDUCTIVITY TEMPERATURE LOG**

Company CH2M HILL  
Well DZMW-1  
Field BONITA SPRINGS W.T.P  
County LEE  
State FLORIDA

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

DEEP SOUTH DISTRICT

Date	31-MAR-2003	
Run Number	FINE	
Depth Driller	1700'	
Depth Logger	1700'	
Bottom Logged Interval	1700'	
Top Log Interval	CASING	
Open Hole Size	14.75"/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	0800	
Equipment Number	103	
Location	FT. MYERS	
Recorded By	DENISON	
Witnessed By	D. JABLONSKI	

Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
THREE	12.25"	CASING	1250'				
FOUR	22.5"	CASING	1250'				
FIVE	14.75"	CASING	1620'				
SIX	12.25"	1620'	1700'				
Casing Record	Size	Wd/Ft	Top	Bottom			
Surface String	24"	375 W.T.	SURFACE	450'			
Prod. String	16"	375 W.T.	SURFACE	1250'			
Production String							
Liner							

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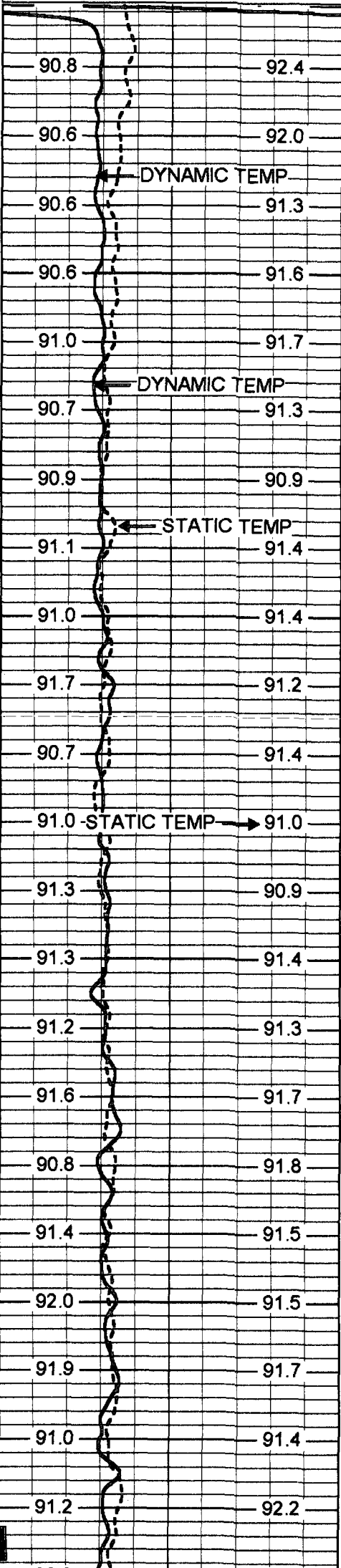
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

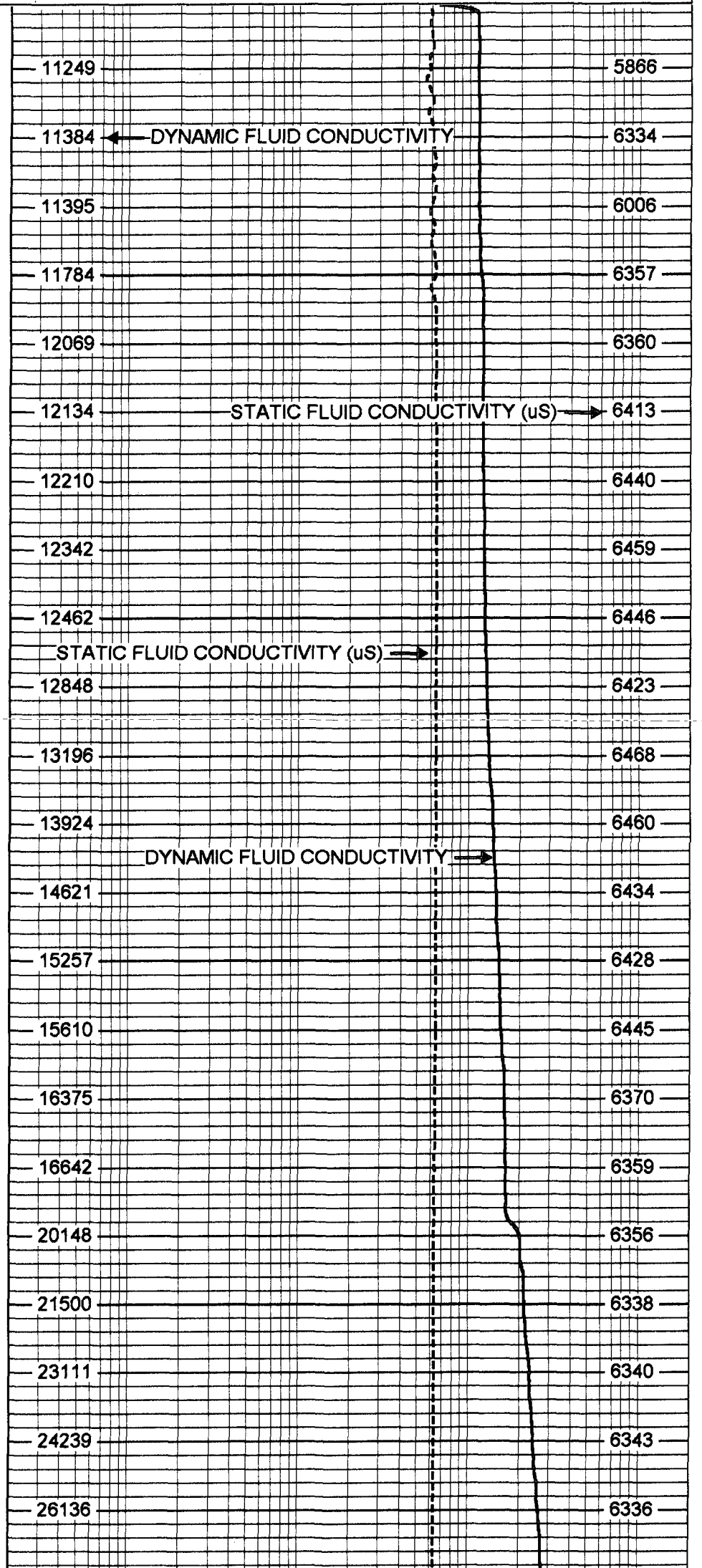
Entered into **OCULUS** South District  
DYNAMIC FLOWRATE = 220 GPM  
OTHER SERVICES:  
DUAL INDUCTION/LL3/SP  
X-Y CALIPER/GAMMA RAY  
BOREHOLE COMPENSATED SONIC FLOWMETER  
VIDEO

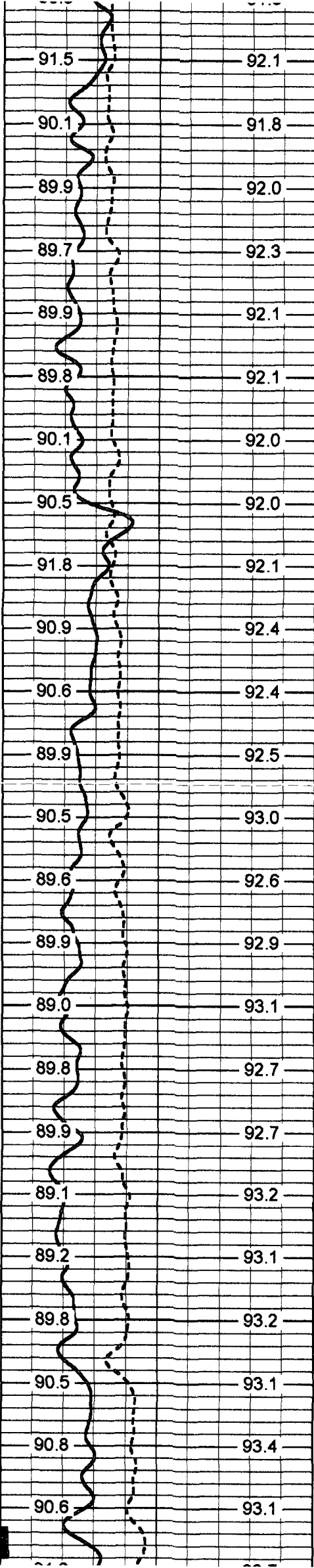
45	DYNAMIC TEMP (degF)	65
45	STATIC TEMP (degF)	65

20	DYNAMIC FLUID CONDUCTIVITY (uS)	200000
20	STATIC FLUID CONDUCTIVITY (uS)	200000

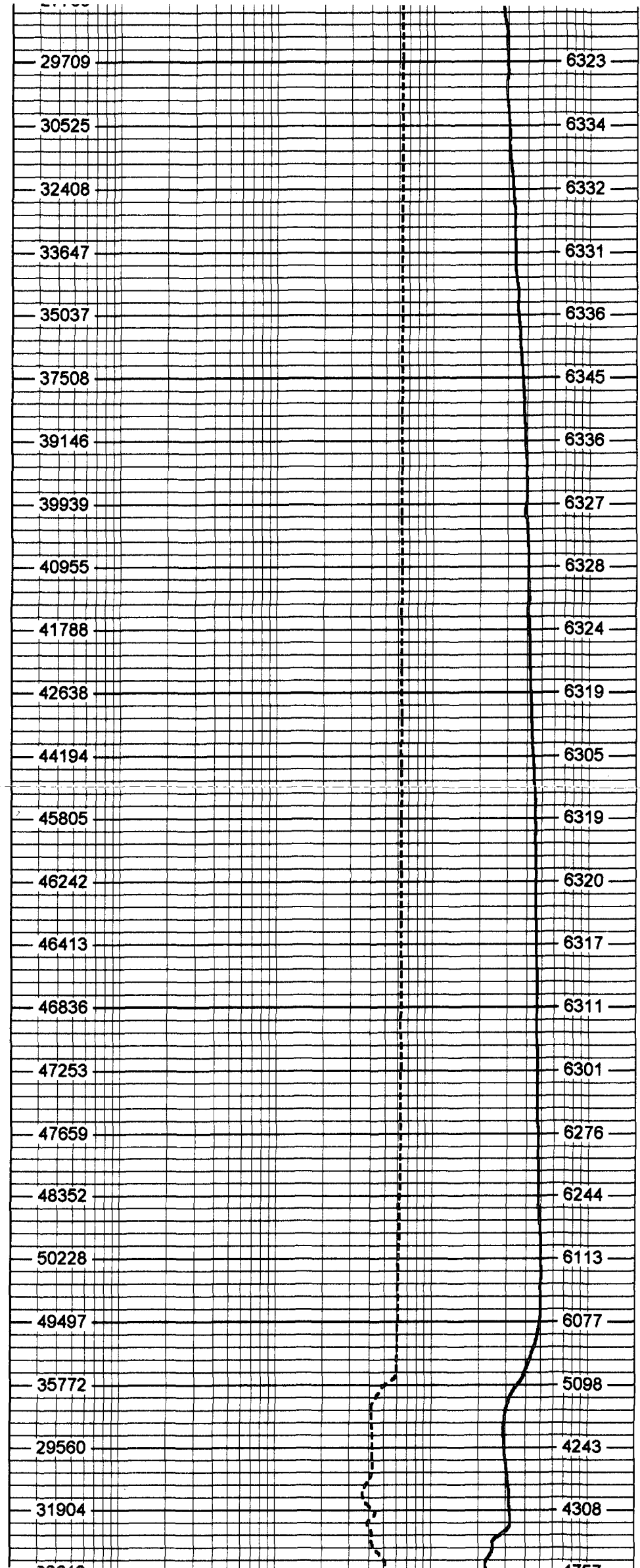


1250  
1300  
1350  
1400





1450  
1500  
1550  
1600  
1650



45	DYNAMIC TEMP (degF)	65	1700	27059	3315
45	STATIC TEMP (degF)	65			
20	DYNAMIC FLUID CONDUCTIVITY (uS)				200000
20	STATIC FLUID CONDUCTIVITY (uS)				200000

FRT Calibration Report			
Serial Number:		30	
Tool Model:		SONDEX	
Performed:		Mon Mar 31 19:42:30 2003	
Point #	Reading		Reference
1	29.596	cps	950.000
2	227.356	cps	10000.000
3	474.449	cps	23000.000
4	1127.565	cps	50000.000
5		cps	
6		cps	

Temperature Calibration Report			
Serial Number:		30	
Tool Model:		SONDEX	
Performed:		Sun Mar 16 01:28:06 2003	
Point #	Reading		Reference
1	187.965	cps	48 degF
2	601.466	cps	137 degF
3		cps	degF

