

870322



FLUID RESISTIVITY TEMPERATURE LOG

FILE NO. _____

COMPANY NORTH DADE M.M.T.P.

WELL IM #1N

FIELD NORTH DADE

COUNTY DADE

STATE FLORIDA

LOCATION _____

OTHER SERVICES:
X-Y CALIPER
DIL/LL3/SP
BHC/VDL/GR
BHTV/DHTV

PERMANENT DATUM PAD LEVEL _____ ELEV. _____

LOG MEASURED FROM PAD _____ FT. ABOVE PERMANENT DATUM

DRILLING MEASURED FROM PAD _____

DATE 08-JULY-1997

RUN NO. TEN

TYPE LOG FRI

DEPTH-DRILLER 2850'

DEPTH-LOGGER 2850'

LOGGED INTERVAL 2850' TO 2150'

OPERATING RIG TIME 1.5 HOURS

TYPE FLUID IN HOLE WATER

SALINITY, PPM CL NA

DENSITY-VISCOSITY NA

LEVEL FULL

MAX. REC. TEMP, DEG F. 59 DEGF

EQUIPMENT-LOCATION 102 FTM

RECORDED BY LEE

WITNESSED BY C. CAUSARAS

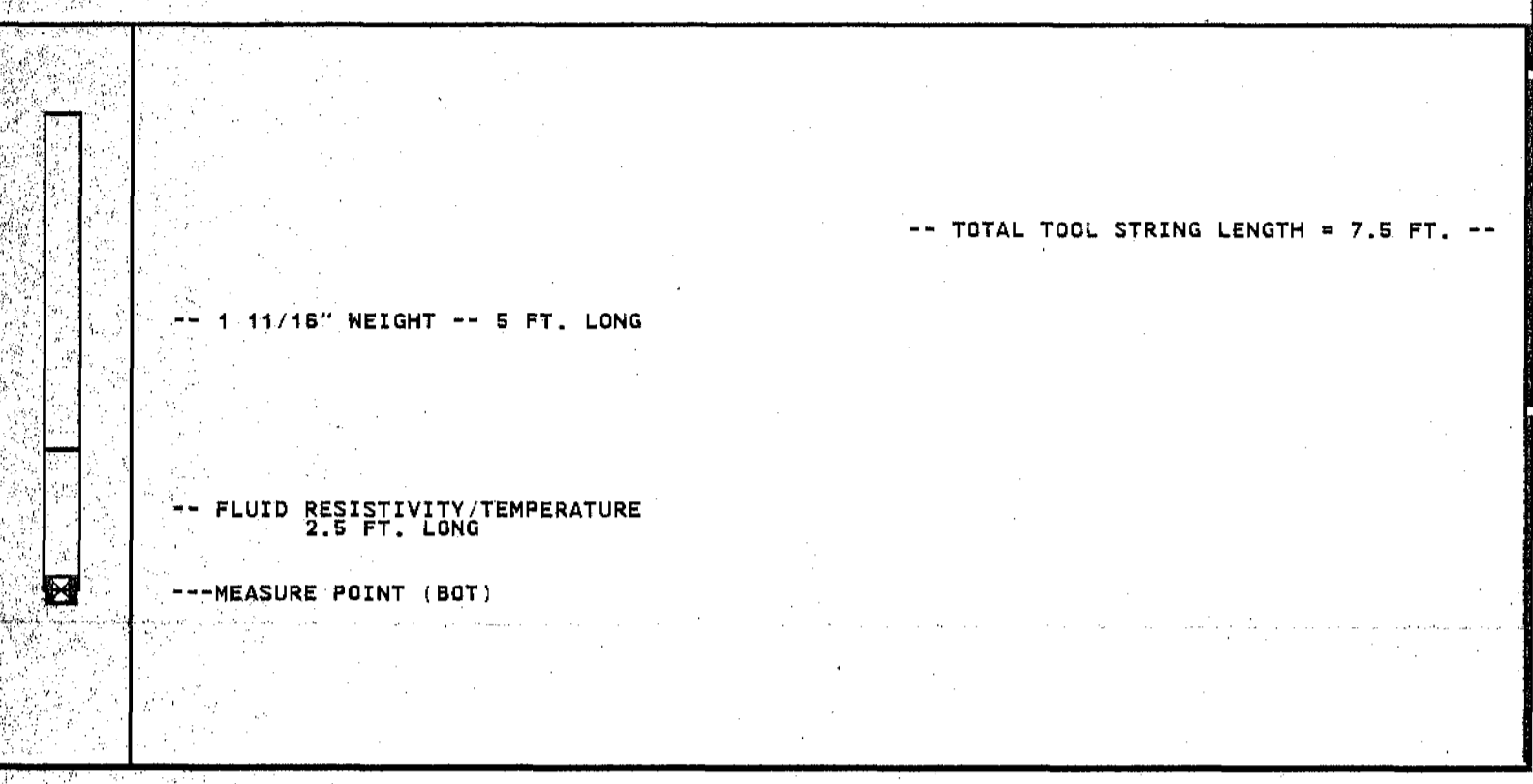
Y. KAZI

BOREHOLE RECORD	CASING RECORD	TO SURFACE
RUN NO. BIT FROM TO	MG. FROM TO	TO SURFACE
TEN 12 1/4" 2850'	54" 361'	SURFACE
	44" 1530'	SURFACE
	34" 2140'	SURFACE

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 WILLFULL 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.

REMARKS

FLUID RESISTIVITY/TEMPERATURE TOOL STRING CONFIGURATION



REMARKS

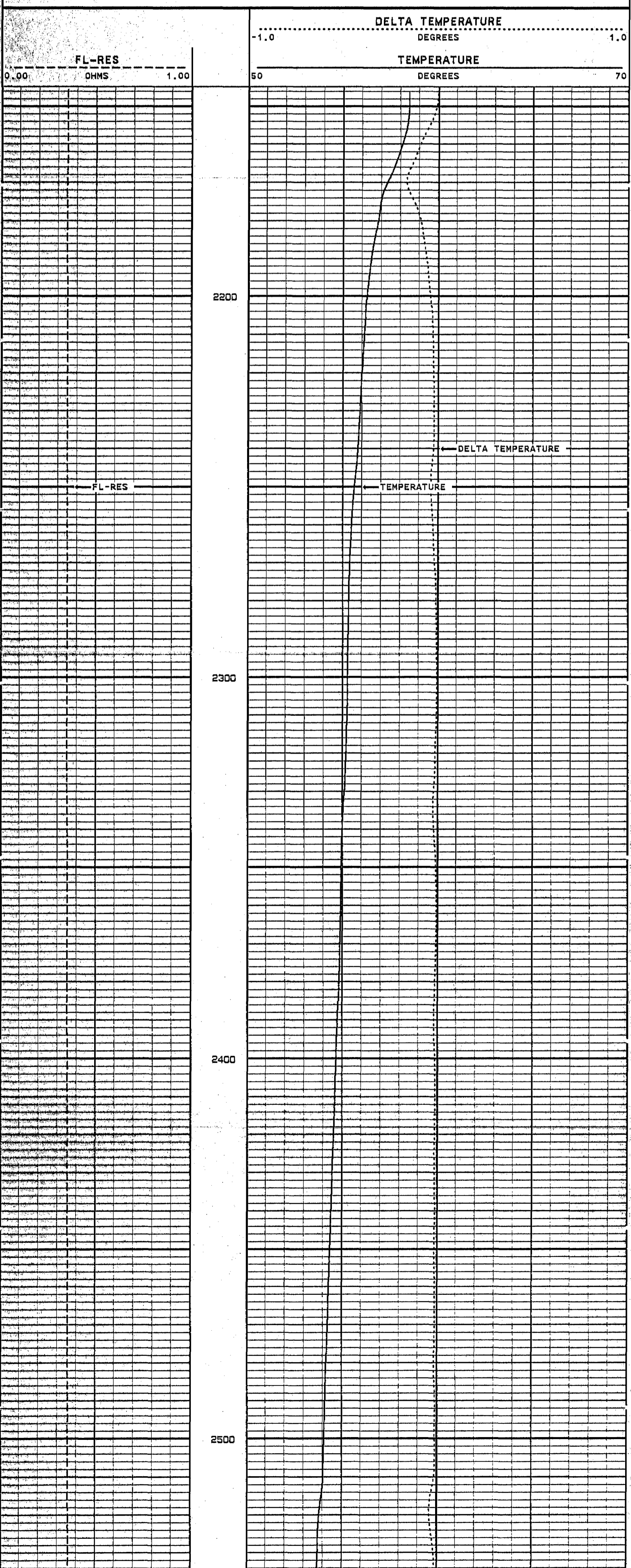
LOGGED GOING DOWN.

VERSION: 2.42

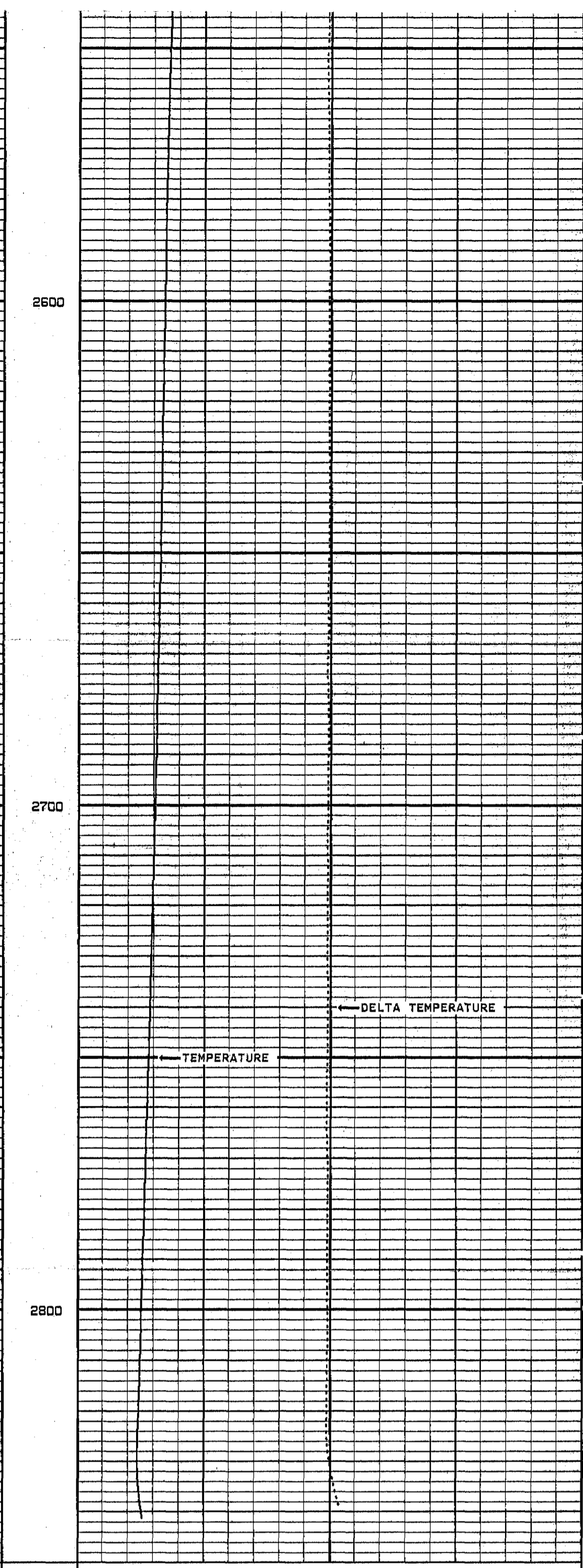
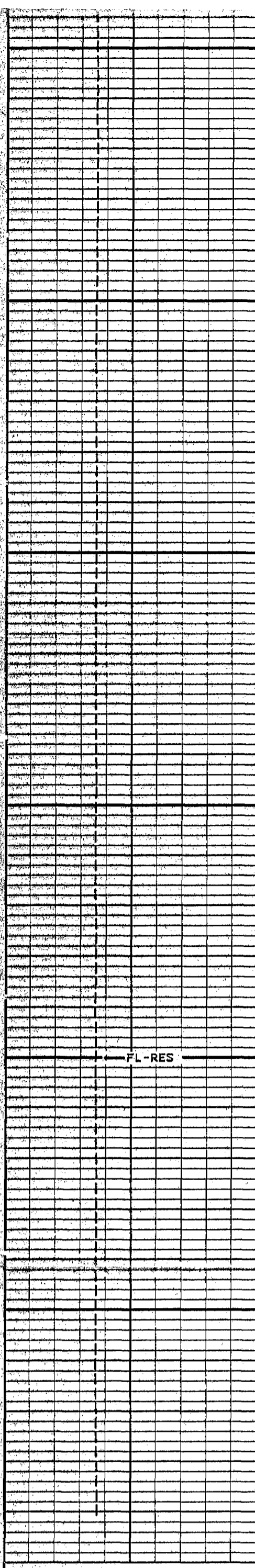
REPEAT SECTION

IW110FRTRP

FINISH DEPTH: 2845.4 FEET DIRECTION: DOWN DATE: 07/08/97 TIME: 18:22:18 MODE: TRACE PLAYBACK



2



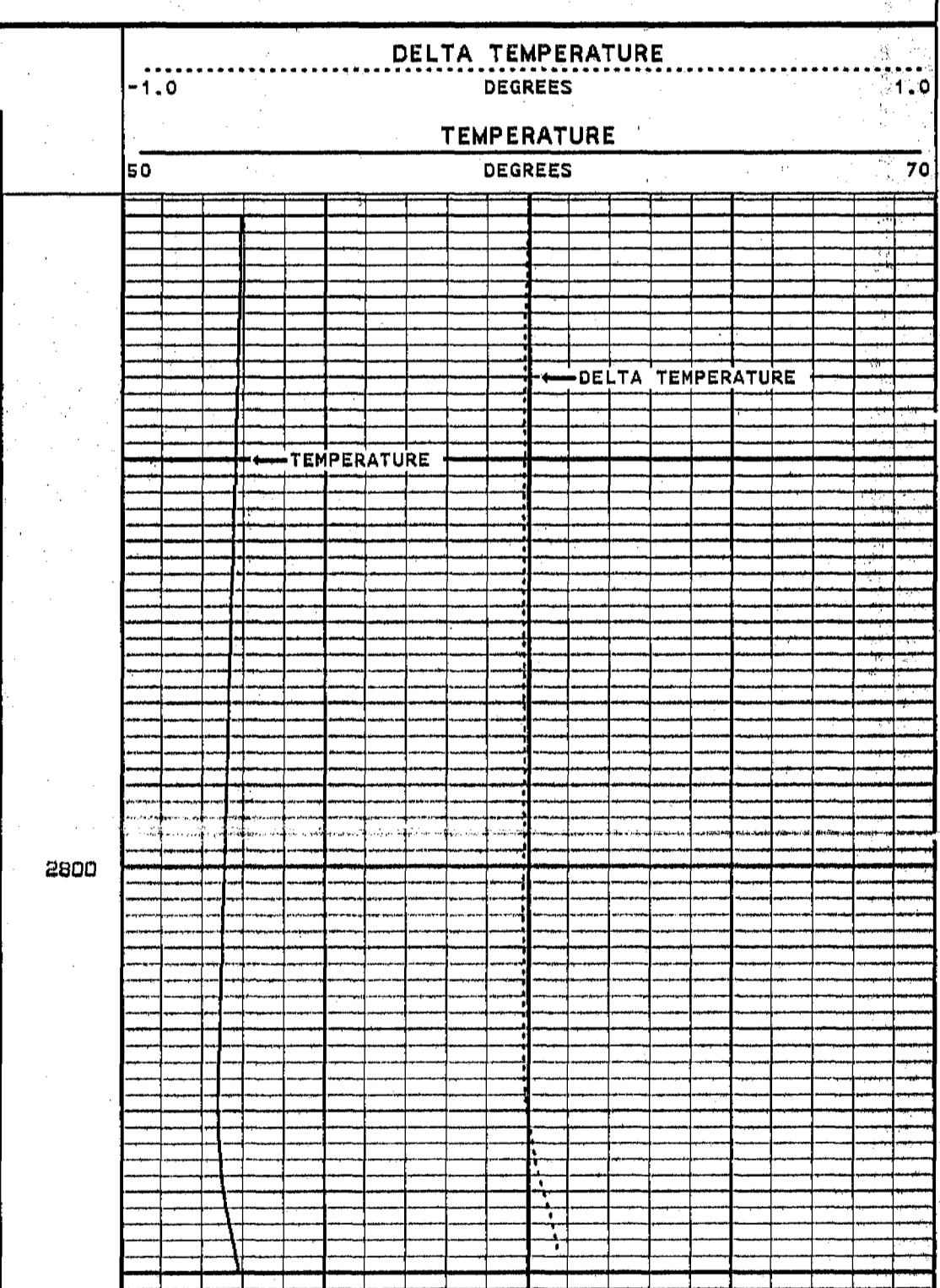
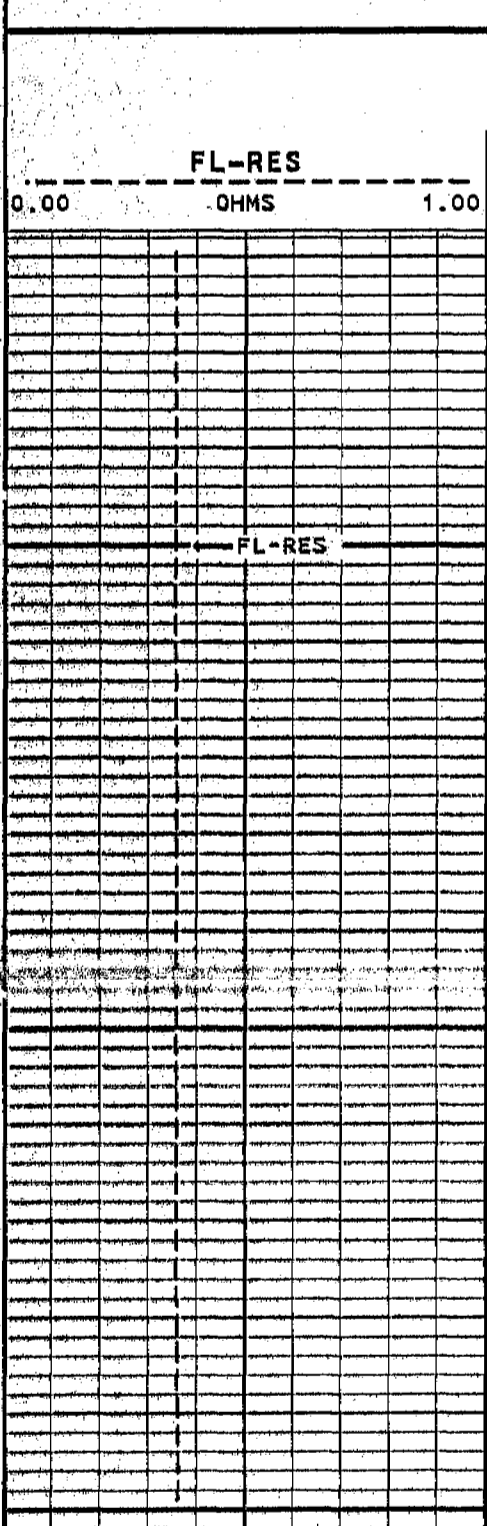
FL-RES
0.00 OHMS 1.00

TEMPERATURE
50 DEGREES 70
DELTA TEMPERATURE
-1.0 DEGREES 1.0

START DEPTH: 2150.2 FEET DIRECTION: DOWN DATE: 07/08/97 TIME: 18:07:15 MODE: TRACE PLAYBACK
IW110FRTRP

REPEAT SECTION
VERSION: 2.42

IW110FRT
FINISH DEPTH: 2853.8 FEET DIRECTION: DOWN DATE: 07/08/97 TIME: 18:29:19 MODE: TRACE PLAYBACK



FL-RES
0.00 OHMS 1.00

TEMPERATURE
50 DEGREES 70
DELTA TEMPERATURE
-1.0 DEGREES 1.0

START DEPTH: 2700.6 FEET DIRECTION: DOWN DATE: 07/08/97 TIME: 18:26:21 MODE: TRACE PLAYBACK
IW110FRT

VERSION: 2.42

MASTER CALIBRATION SUMMARY

FILE: DATE: 07/08/97 TIME: 19:09 VERSION: 2.42

TEMPERATURE #31

DATE: 05/05/97 TIME: 10:25

	MEASURED	UNITS	STANDARD	MINIMUM	MAXIMUM	DEVIATION	UNITS
ZERO	283.1	CPS	69.6	69.5	69.6	0.04	DEGF
PLUS	386.8	CPS	91.0	91.0	91.0	0.00	DEGF

FL-RES TOOL #31

DATE: 05/05/97 TIME: 10:55

	MEASURED	UNITS	STANDARD	MINIMUM	MAXIMUM	DEVIATION	UNITS
SONDEX 50000	MMHOS 8770.0	CPS	0.20	0.20	0.20	0.000	CPS
SONDEX 25000	MMHOS 4540.0	CPS	0.40	0.40	0.40	0.000	CPS
SONDEX 10000	MMHOS 2380.0	CPS	0.80	0.80	0.80	0.000	CPS
SONDEX 500	MMHOS 89.0	CPS	20.00	20.00	20.00	0.000	CPS

COMPANY NORTH DADE W.W.T.P.

WELL IW #1N

FIELD NORTH DADE STATE FLORIDA

