on plotted list
on USGS file

Site ID 302352086375701
NWF1742 OA2

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT - WELL LOG

WELL NUMBER OK 2 30°23'58" 86°37'53" (latitude-longitude), COUNTY Okaloosa

El Matador Well ISL 6

OWNER OR (NAME) Okaloosa County Water & Sewer Dept. MAP OR QUAD Mary Esther, Fla.

LOCATION T 25 R 24W SEC 22, SE ¼ of SE ¼ of NE ¼

WELL DEPTH 873 ft., CASED 535 ft., DIAMETER 12 in.

DEPTH LOGGED 873 ft., TOP 0 ft., BOTTOM 873 ft. DATE LOGGED May 12 & 17, 1976

FORMATION Tampa FORMATION TOP reference to LSD 502 MSL

AQUIFER Upper Floridan WATER LEVEL reference to LSD 73.5' MSL -65.5'

ELEVATION LSD ~~X~~ 10 ft. above MSL SPEED OF LOGGING See Logs ft/min.

TOP OR START OF LOG 1 ft. (above) below (LSD) TIME START FINISH OBSERVER/OPERATOR / HARMAN

TYPE LOG

___DRILLING TIME, ✓CASING-COLLAR, ___CALIPER (diameter), ___DRILLER'S, ✓ELECTRIC, ✓FLUID-CONDUCTIVITY (resistivity), ___GEOLOGIST OR SAMPLE, ✓GAMMA-RAY, ✓TEMPERATURE (differential), ✓FLUID-VELOCITY

USE OF WELL

___ANODE, ___DRAINAGE, ___DESTROYED, ___OBSERVATION, ___OIL-GAS, ___RECHARGE, ___TEST, ___UNUSED, ✓WITHDRAWAL, ___WASTE.

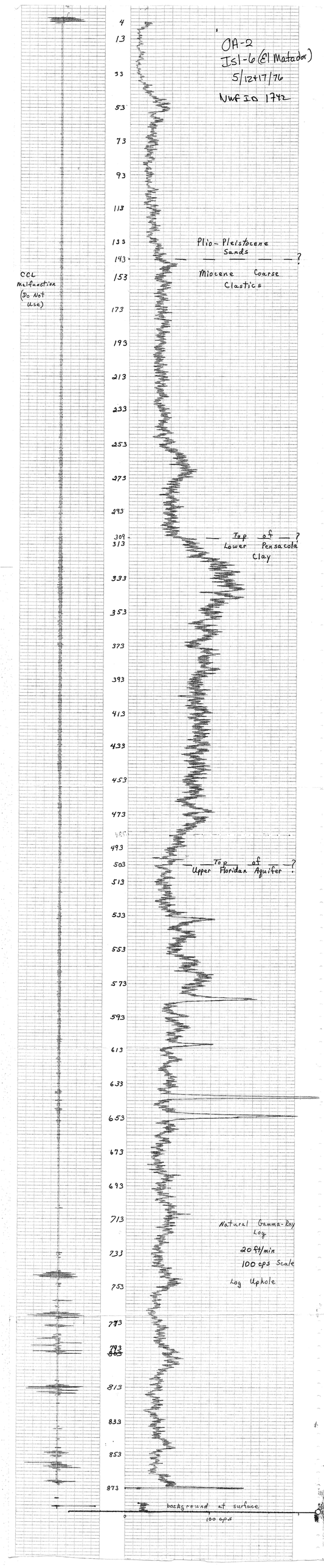
QW SAMPLE ___NO ✓YES DATE SAMPLED May 12, 1976 DEPTH(S) SAMPLED 95', 115', + 125'

LOG SCALES HORIZ see logs, VERT see logs, LOGGED ✓UP ✓DOWN

DRILLER /TYPE OF RIG

Fluid Resistivity Logs of no value. Sent to Mr. Symons.

THIS LOG IS FOR HYDROGEOLOGICAL DATA ONLY


OA-2
Isl-6 (El Matador)
5/12+17/76
NWFIO 1742
4
13
33
53
73
93
113
133
143
153
173
193
213
233
253
273
293
309
313
333
353
373
393
413
433
453
473
493
503
513
533
553
573
593
613
633
653
673
693
713
733
753
773
793
813
833
853
873
CCL
Malfunction
(Do Not
Use)
Plio-Pleistocene
Sands
?
Miocene Coarse
Clastics
Top of ?
Lower Pensacola
Clay
Top of ?
Upper Floridan Aquifer
Natural Gamma-Ray
Log
20 ft/min
100 cps Scale
Log Uphole
background at surface
0
100 cps

OA 2
Is| 6
5(12+17|06
NwFJ0 174

correct below

Self Potential →

16" normal

64" normal

Reduced Gain
on 64" Normal
#1 per

Electric Log
↑ 30 ft/min
↓ 20 ft/min
Log Uphole

Self Potential
Log

S.P. Scale
200 Ω

scale change

Res. Scale
100 Ω

100
mv

100
Ω-m.

OA2
El Matador
Isl 6
5/12.17/76
NWF 1742

10

12

4

2

53 FI

OA2
Isl6-El Matador
5/12.17/76
NWF 1742

260

280

300

320

340

360

380

400

42 FI

CALIPER

MADE IN U.S.A.

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS

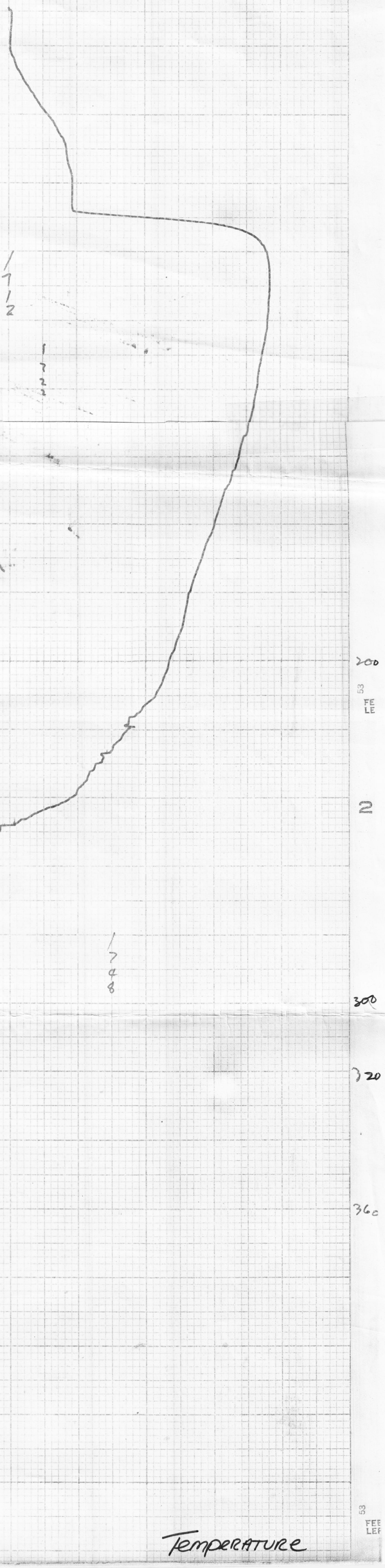
CHART NO. WH

OA 2

Isl 6 - El Matador

5/12.17/76

DWF 1742



21

200

2

300

320

360

TEXAS INSTRUMENTS INCORPORATED, HOUSTON, TEXAS, U.S.A. CHART NO. WH

MADE IN U.S.A.

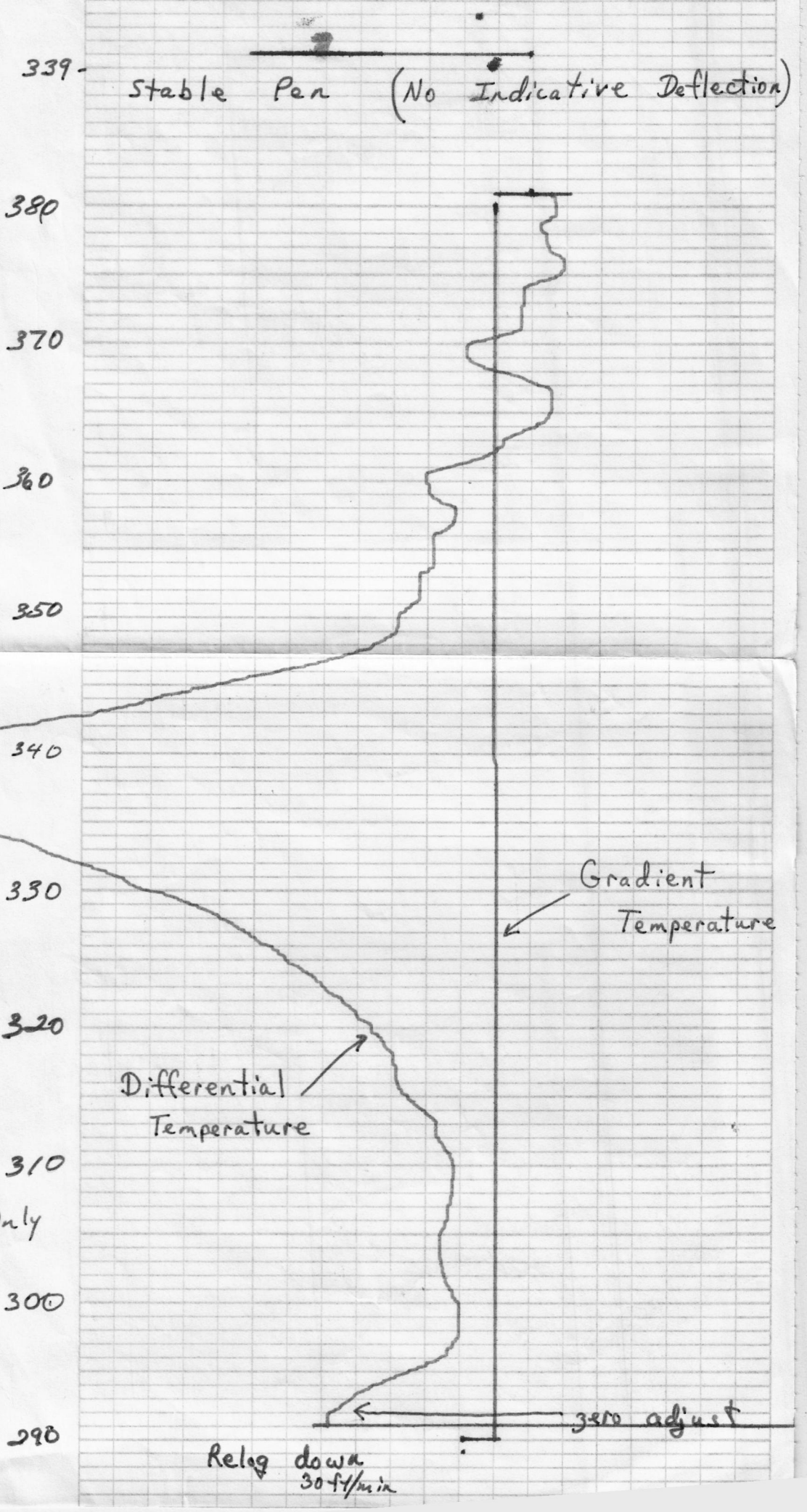
OA2

Isl-6

(El Matador)

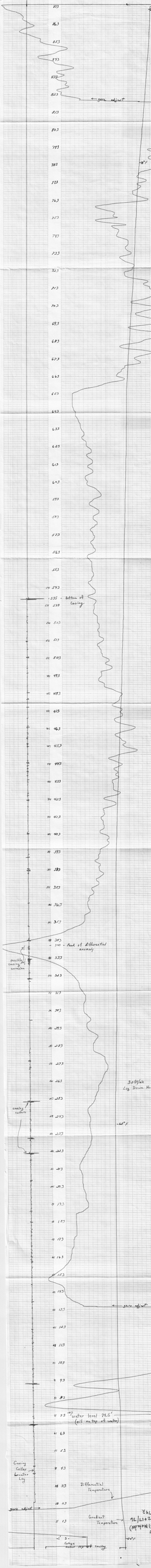
5/12-17/76

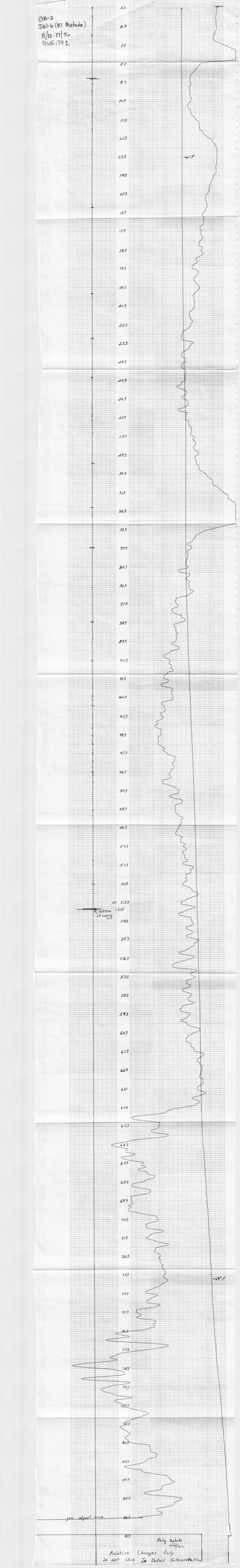
NWOF 1742



Relative Changes Only

Do Not Use for Detail Interpretation

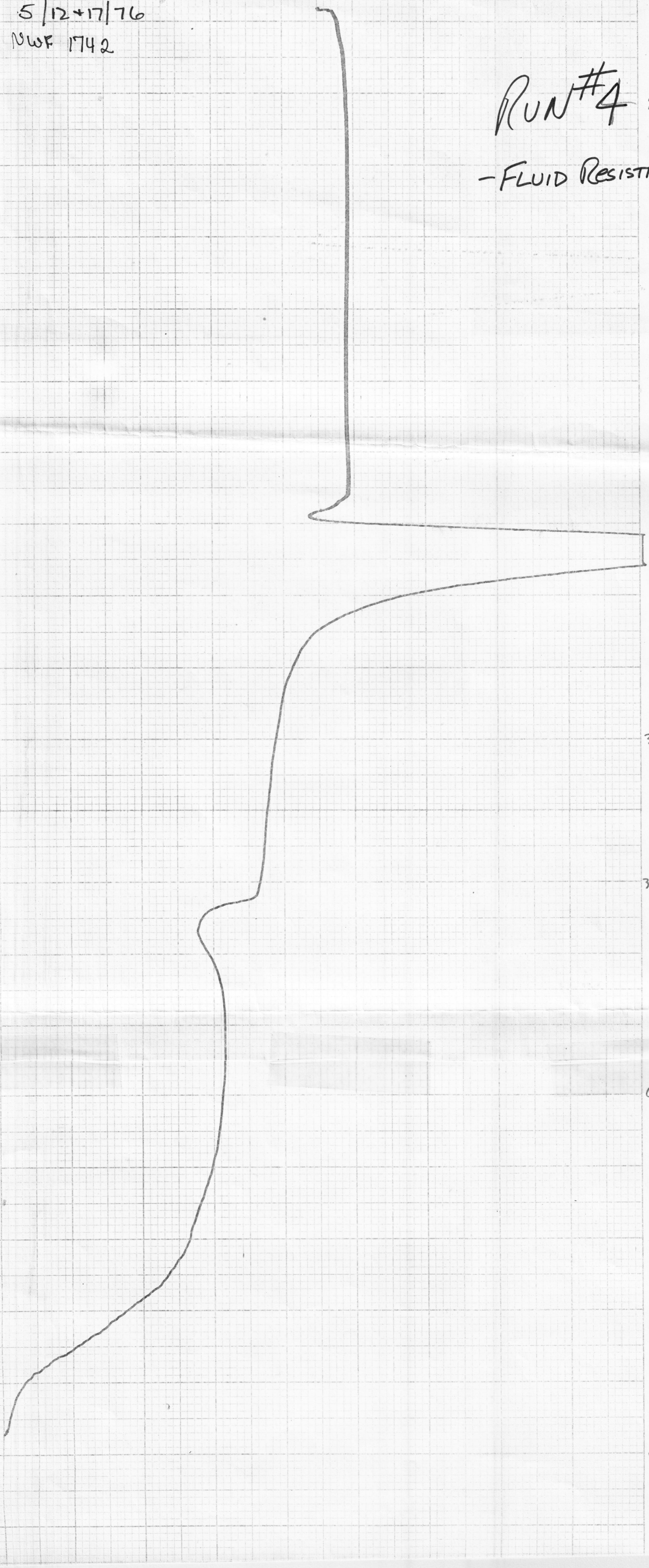

zero adjust
-57°F
-80°F
-65°F
bottom of casing
end of differential
possibly casing corrosion
casing collar
casing collar
zero adjust
Water level 74.5'
(air temp. at water)
Casing Collar Locator Log
Differential Temperature
zero adjust
Gradient Temperature
-90°F
-1
Range
Temperature Log
Casing
5/21/74
Gleaska
Profile
240


OA-2
Tbl-6 (61 Manhole)
5/12-17/ TC
10:05-17:42
-60°F
-68°F
Bottom of casing
Relay Aphole
Relative Changes Only
Do not use for Detail Interpretation

OA 2
Isla El Matador
5/12-17/76
NWF 1742

RUN #4

-FLUID RESISTIVITY-



OA2

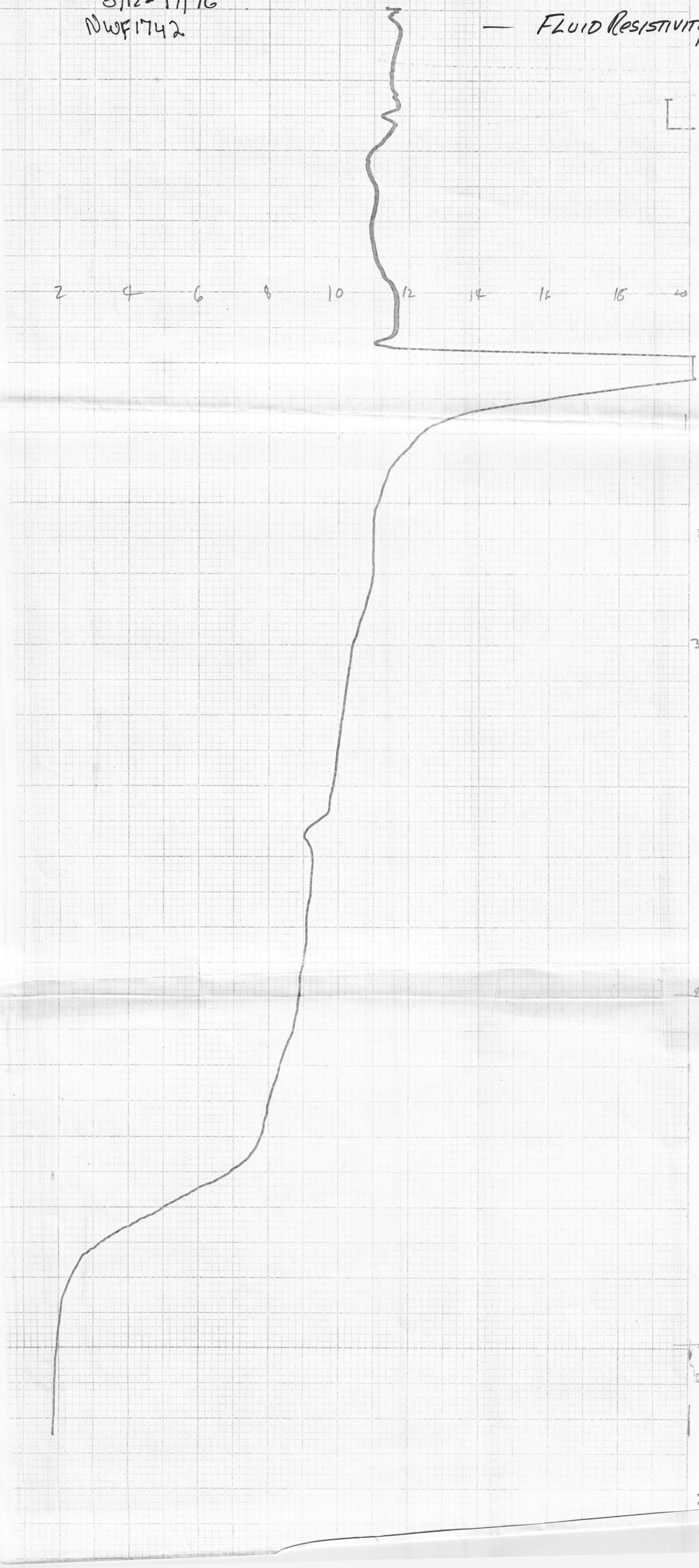
Isla El Matador

5/12 & 17/76

NWF1742

RUN #3

— FLUID RESISTIVITY —



OA 2
Is16 - El Matador
5/12417/76
NWF 1742

ADD WATER

STATIC

INJECT WATER
— FLUID RESISTIVITY —

RUN #2

500CAL
R=200

200

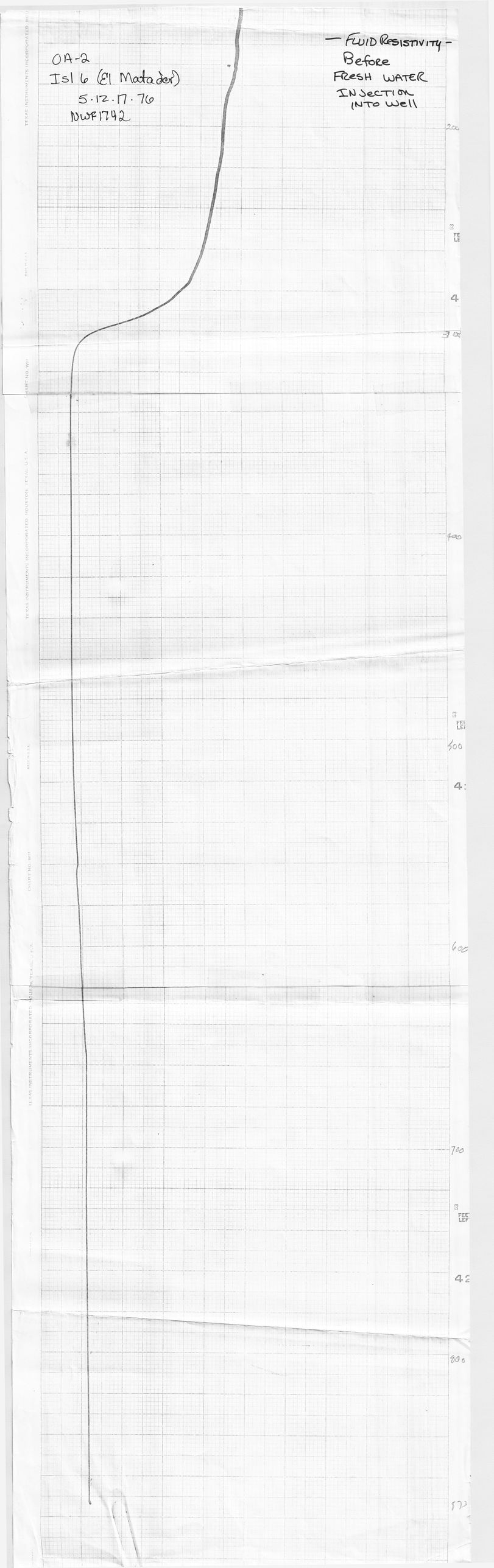
FEET LEFT

300

FEET LEFT

600

FEET LEFT

OA-2
Isl 6 (El Matador)
5-12-17-76
NWF1742

— FLUID RESISTIVITY —
Before
FRESH WATER
INJECTION
INTO Well