Figure 10.--Caliper log for drill-hole MC-22-AL

CENTURY GEOPHYSICAL CORP.
6650 EAST APACHE
TULSA, OKLAHOMA 74115

C-366-E SP 11748B

DATE 07/19/79

COMPANY IRON CLAD DRILLING
BORE HOLE MC-22-AL
AREA MUDDY CREEK
COUNTY SEVIER STATE UTAH
SECTION 03 TOWNSHIP 22S RANGE 04E LOG MEASURED FROM G.L.

HOLE NO. MC-22-AL
SEC 03 TWP 22S RANGE 04E
AREA MUDDY CREEK
COUNTY SEVIER
STATE UTAH
COMPANY IRON CLAD
DATE 07/19/79
TOTAL FOOTAGE LOGGED 1079'

TD DRILLED 1080 Ft
BIT SIZE 5.0 In CASING —
BORE HOLE FLUID H_2O FOAM
DENSITY VISCOSITY
RESISTIVITY
OPERATOR D. ELLISON
UNIT NO 7644
LOCATION GRAND JCT.
DRIVE 1.8 Hrs TIME IN 1140
STAND BY 0.0 Hrs TIME OUT 0346
LOGGING 4.1 Hrs
TOTAL 5.9 Hrs.
ROUNDTRIP MILEAGE 61.0 Miles
CHARGEABLE STANDBY Hrs

INITIAL RUN

TD LOGGED 1079'
GAMMA SCALE 50 Cps Per In
TIME CONSTANT 1.0 LOGGING SPEED 20 Ft/Min
CALIBRATION & PROBE DATA
SOURCE NO VL-1-99, SOURCE VALUE .25 MCi Cs^{137}
PROBE NO 8030A-404 PROBE SIZE 1.87X85 In
DETECTOR NAI XTL TYPE & SIZE 0.875X1.25"
DEAD TIME ≤1.0 μSEC K FACTOR 1.59×10^{-5}
WATER FACTOR 1.139 AIR FACTOR —
RES SCALE 100 ohms per 5 inches
SP Mv/In

DENSITY

Initial run offscale

SCALE 2.5K Cps Per In
T C 0.5 Sec LOGGING SPEED 20 Ft/Min
FROM 0 Ft
TO 1079 Ft
TOTAL 1079'

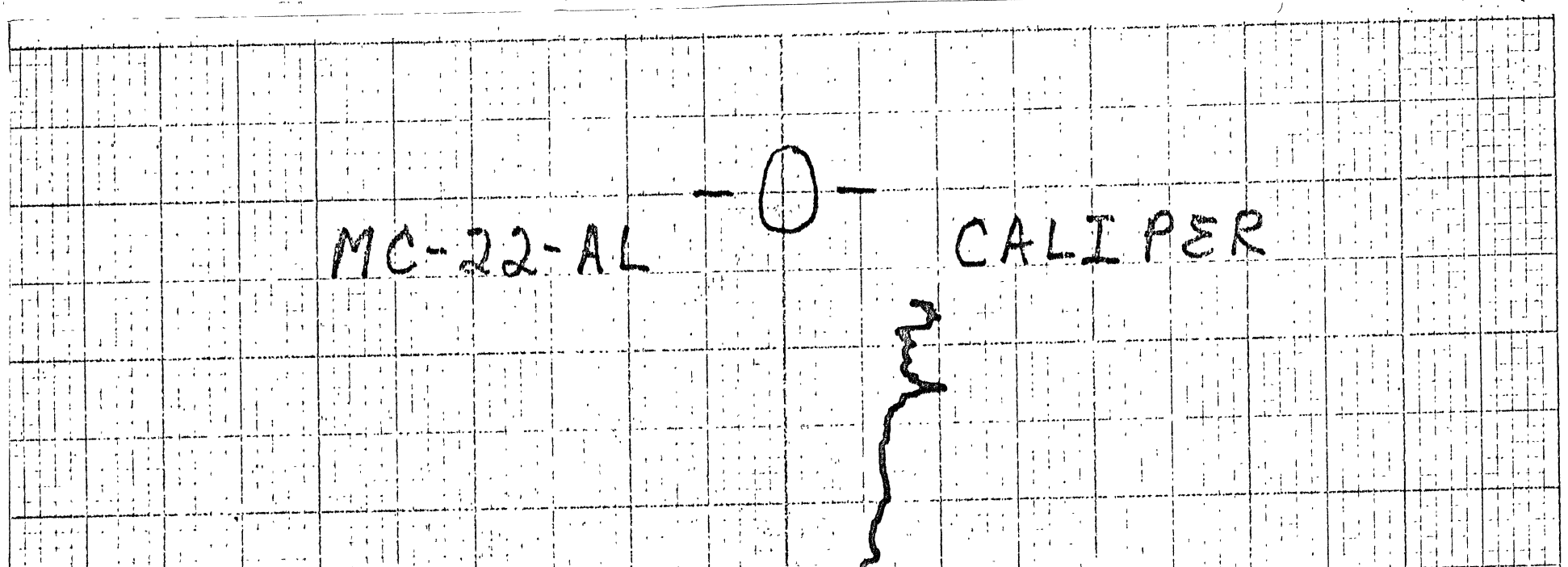
SCALE Cps Per In
T C Sec LOGGING SPEED Ft/Min
FROM Ft
TO Ft
TOTAL

SCALE Cps Per In
T C Sec LOGGING SPEED Ft/Min.
FROM Ft.
TO Ft.
TOTAL

Out of H_2O @ 570'
Lightning fiercely

SELF POTENTIAL
− MV +

NATURAL GAMMA RAY
COUNTS PER SECOND

DENSITY

RESISTANCE
OHMS