U.S. Geological Survey

Open-File Report 80-485

Figure 19.--Natural gamma, density, resistivity log for drill-hole MC-28-AL

CENTURY GEOPHYSICAL CORP
6650 EAST APACHE
TULSA, OKLAHOMA 74115

C-366-E SP 11748B

DATE 07/01/79

COMPANY IRON CLAD DRILLING
BORE HOLE MC-28-AL
AREA MUDDY CREEK
COUNTY SEVIER
STATE UTAH
SECTION 02
TOWNSHIP 26S
RANGE 04E
LOG MEASURED FROM G.L.

HOLE NO MC-28-AL
T.D. DRILLED 1160 Ft
SEC 02 TWP 26S RANGE 04E
BIT SIZE 5.0 In
CASING —
AREA MUDDY CREEK
BORE HOLE FLUID H_2O
DENSITY
VISCOSITY
COUNTY SEVIER
RESISTIVITY
STATE UTAH
COMPANY IRON CLAD
OPERATOR D. ELLISON
DATE 07/01/79
UNIT NO 7644
TOTAL FOOTAGE LOGGED 1028'
LOCATION GRD. JCT.
DRIVE 2.0 Hrs
TIME IN 1918
STAND BY — Hrs
TIME OUT 2300
LOGGING 3.7 Hrs
TOTAL 5.7 Hrs
ROUNDTRIP MILEAGE Miles
CHARGEABLE STANDBY 0 Hrs

INITIAL RUN
T.D. LOGGED 1028'
GAMMA SCALE 50 Cps. Per In
TIME CONSTANT 1SEC
LOGGING SPEED 20 Ft./Min

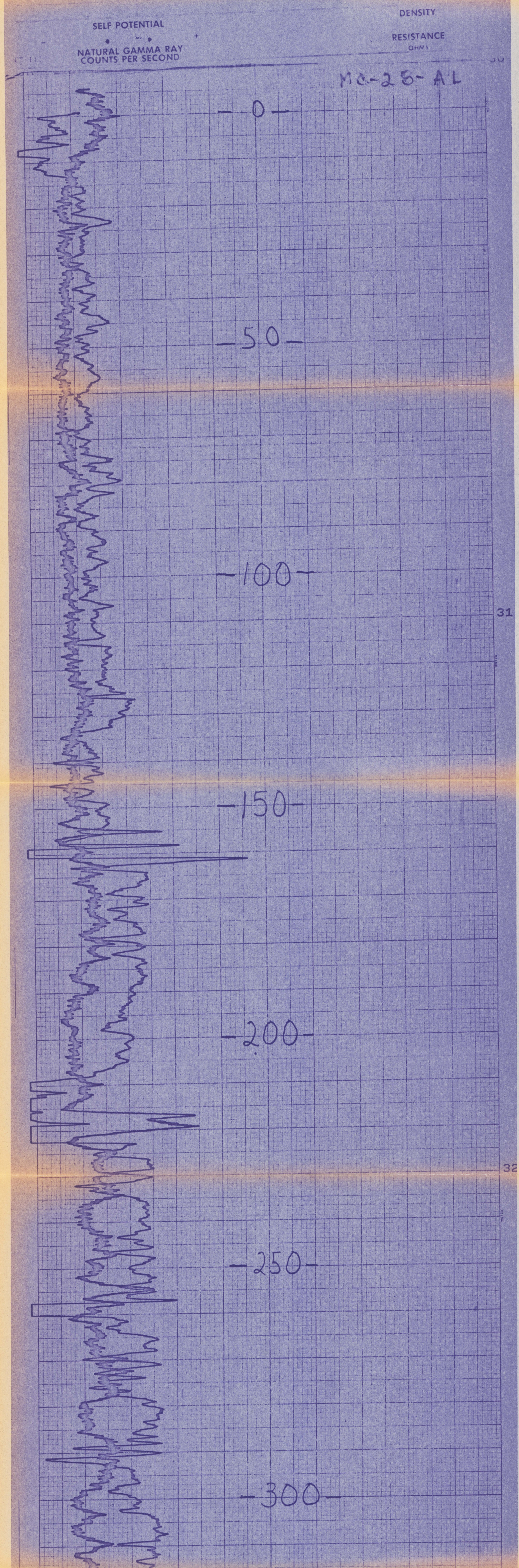
DENSITY
SCALE 5K Cps. Per In
T.C. 0.5 Sec
LOGGING SPEED 20 Ft./Min
FROM 0 Ft
TO 1028 Ft
TOTAL

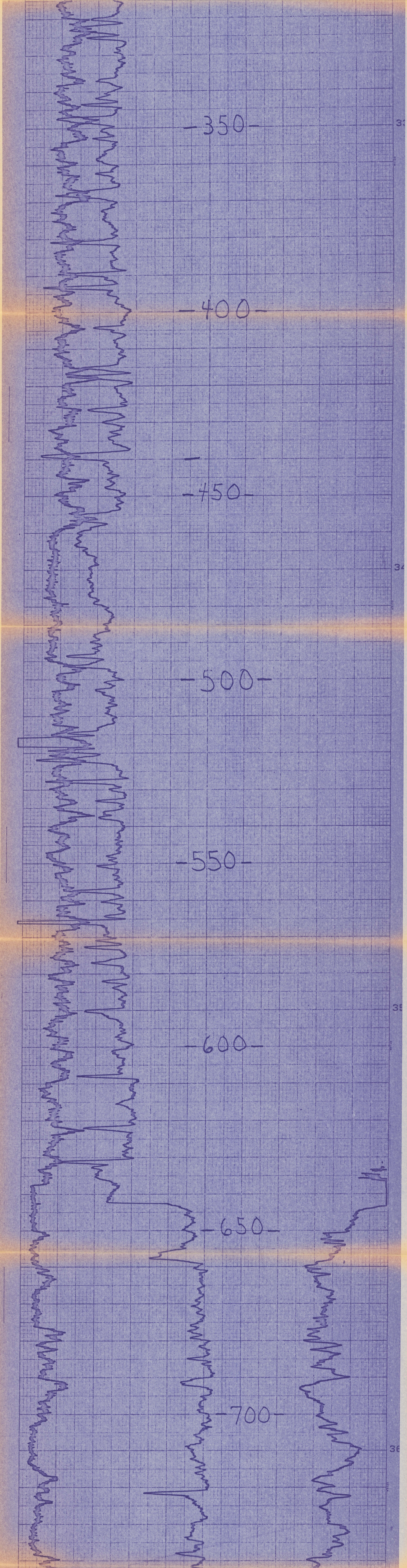
SCALE Cps. Per In
T.C. Sec
LOGGING SPEED Ft./Min
FROM Ft
TO Ft
TOTAL

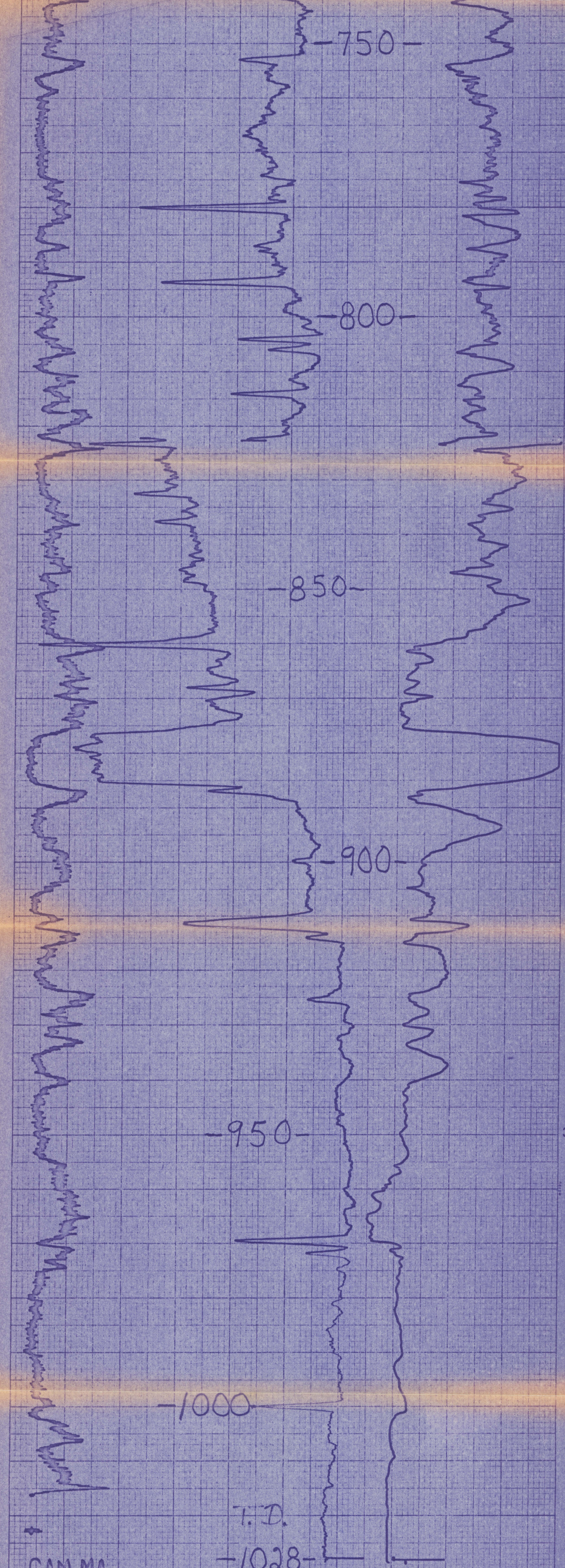
SCALE Cps. Per In
T.C. Sec
LOGGING SPEED Ft./Min
FROM Ft
TO Ft
TOTAL

CALIBRATION & PROBE DATA
SOURCE NO VL-1-99
SOURCE VALUE 25mCi Cs137
PROBE NO 8030A-404
PROBE SIZE 1.87X85
DETECTOR NAIXTL
TYPE & SIZE .875X1.25"
DEAD TIME 51.0μSEC
K FACTOR 1.59×10^{-5}
WATER FACTOR 1.139
AIR FACTOR
RES SCALE 500 ohms per 5 inches

ADDED H_2O @ 822'
CAME OUT OF H_2O @ 645'







GAMMA
50 CPS/IN
20 FT/MIN
TC 1

DENSITY
5K CPS/IN
20 FT/MIN
TC 0.5

RES.
500Ω/5"

MC-28-AL