U.S. Geological Survey

Open-File Report 80-485

Figure 3.--Natural gamma, density, resistivity, and caliper log for drill-hole MC-16-AL

CENTURY GEOPHYSICAL CORP.
6650 EAST APACHE
TULSA, OKLAHOMA 74115

C-366-E SP 11748B

DATE 08-03-79

COMPANY IRONCLAD DRILLING

BORE HOLE MC-16-AL

AREA MUDDY CREEK

COUNTY SEVIER

STATE UTAH

SECTION 18

TOWNSHIP 21S

RANGE 05E

LOG MEASURED FROM G.L.

HOLE NO. MC-16-AL

SEC. 18 TWP. 21S RANGE 05E

AREA MUDDY CREEK

COUNTY SEVIER

STATE UTAH

COMPANY IRONCLAD

DATE 08-03-79

TOTAL FOOTAGE LOGGED 1252'

T.D. DRILLED 1260' Ft.

BIT SIZE 5.9 In.

CASING

BORE HOLE FLUID H_2O + FOAM

DENSITY

VISCOSITY

RESISTIVITY

OPERATOR D. ELLISON

UNIT NO. 7664

LOCATION GRAND JCT.

DRIVE 3.5 Hrs.

TIME IN 1948

STAND BY 0 Hrs.

TIME OUT 2300

LOGGING 3.2 Hrs.

TOTAL 6.7 Hrs.

ROUNDTRIP MILEAGE Miles

CHARGEABLE STANDBY — Hrs.

INITIAL RUN

T.D. LOGGED 1252'

GAMMA SCALE 80API Cps. Per In.

TIME CONSTANT

LOGGING SPEED 30 Ft./Min.

CALIBRATION & PROBE DATA

SOURCE NO. VL-1-184

SOURCE VALUE 125mCi Cs^{137}

PROBE NO. 9030A-162

PROBE SIZE 2×121 In.

DETECTOR NAI XTL

TYPE & SIZE 1.25×4.5

DEAD TIME NA

K FACTOR NA

WATER FACTOR 1.163

AIR FACTOR —

RES. SCALE 300 ohms per 1 inches

S.P. — Mv/In.

GAMMA RERUNS (Initial run offscale)

G.G. DENSITY		
SCALE 1.2G/CC Cps. Per In.	SCALE = Cps. Per In.	SCALE = Cps. Per In.
T.C. — Sec. LOGGING SPEED 30 Ft./Min.	T.C. Sec. LOGGING SPEED Ft./Min.	T.C. Sec. LOGGING SPEED Ft./Min.
FROM 0 Ft.	FROM Ft.	FROM Ft.
TO 1252 Ft.	TO Ft.	TO Ft.
TOTAL 1252	TOTAL	TOTAL

CASING, 0'-30'

SELF POTENTIAL

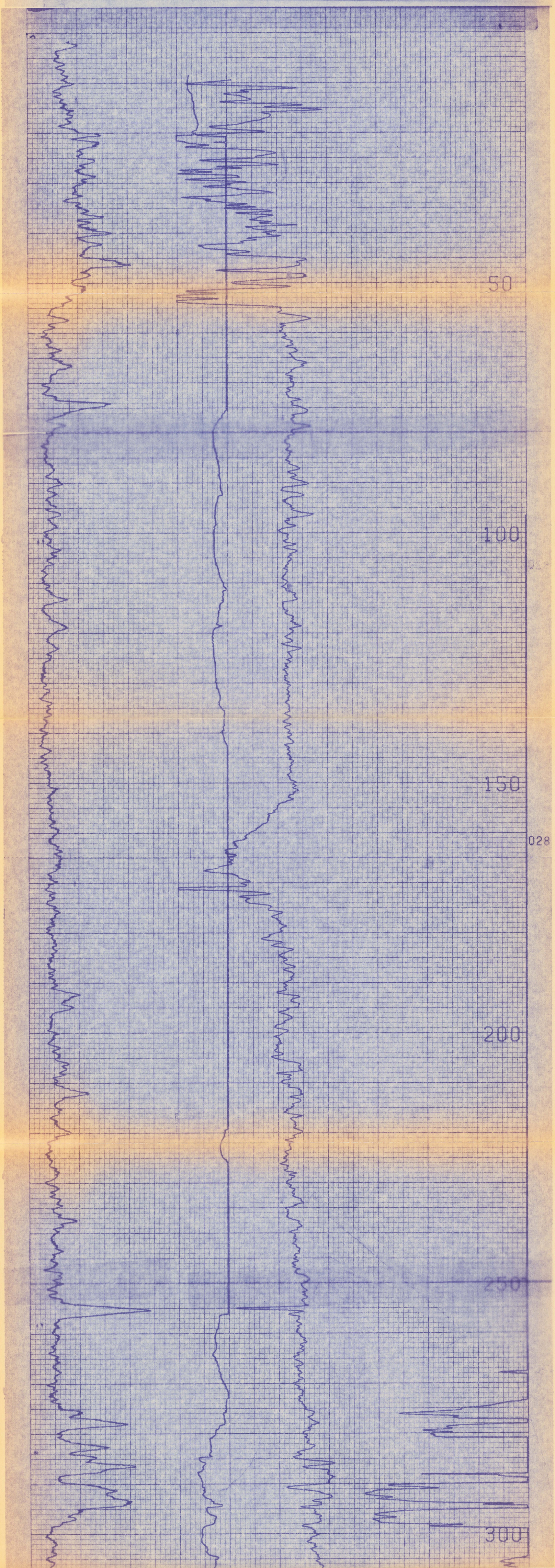
DENSITY

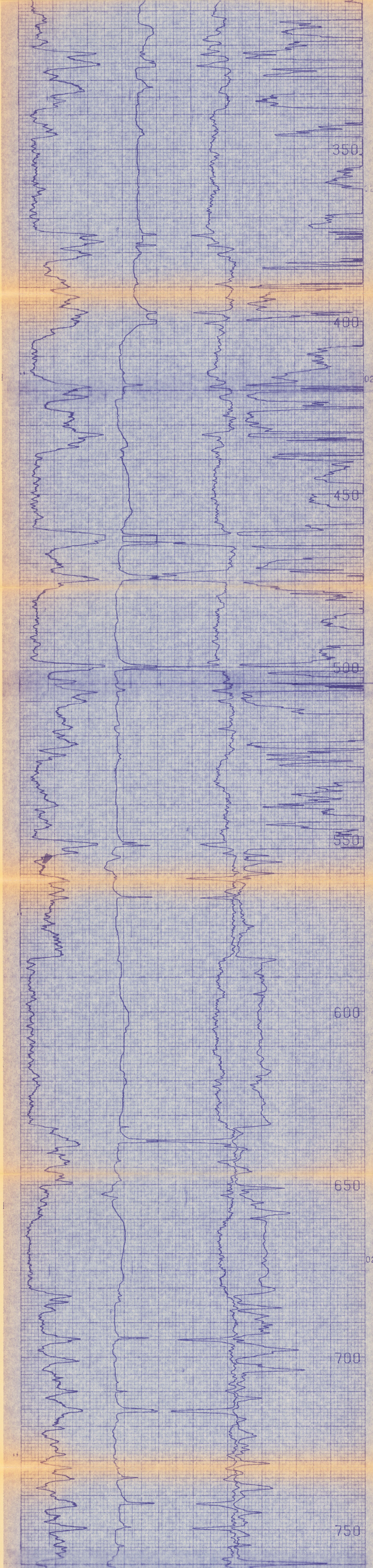
- ◀ MV ▶ +

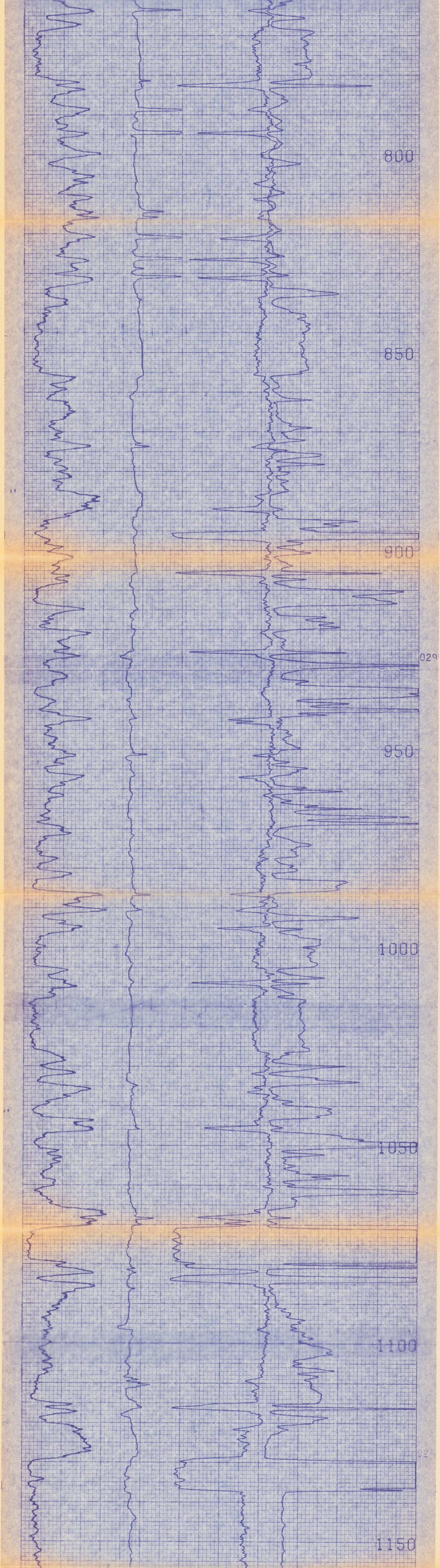
NATURAL GAMMA RAY
COUNTS PER SECOND

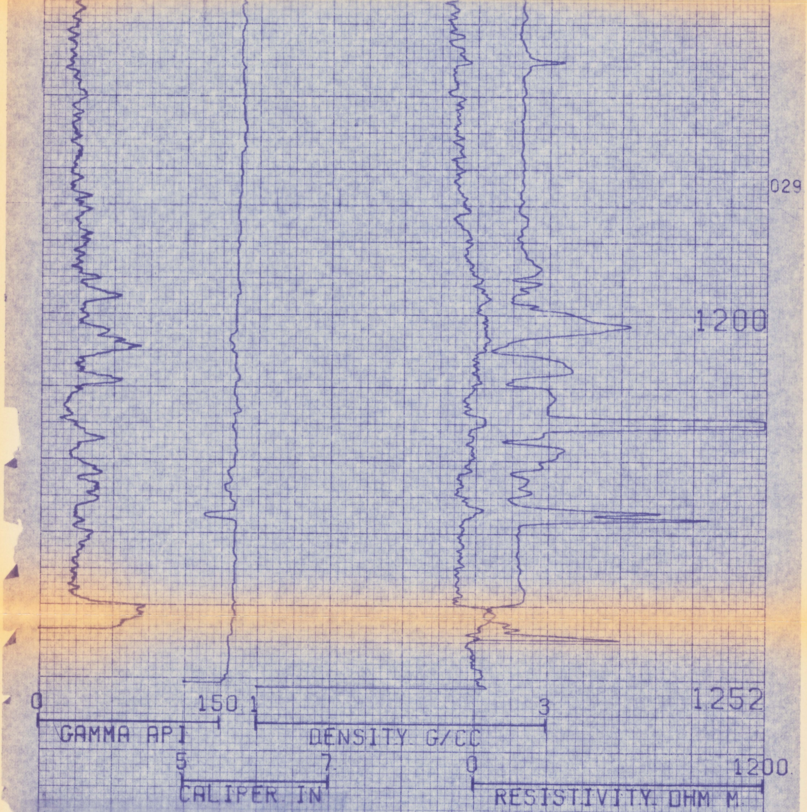
RESISTANCE
OHMS

CT-112









COMPU-LOG V3L5 09-03-79

MC-16-AL

IRON CLAD

ACCORD LAKES QUAD

HOLE DIAMETER : 05.8

CAL STD CPS = 5000 CAL RUN CPS = 4895
PROBE # 9030A -162 PROBE CAL BIAS = -00024
TRUCK # 7664
D. ELLISON