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

HOLE NO MC-28-AL
SEC 02 TWP 26S RANGE 04E
AREA MUDDY CREEK
COUNTY SEVIER
STATE UTAH
COMPANY IRON CLAD
DATE 07/01/79
TOTAL FOOTAGE LOGGED 1028'

T.D. DRILLED 1160 Ft
BIT SIZE 5.0 In
CASING —
BORE HOLE FLUID H_2O
DENSITY
VISCOSITY
RESISTIVITY
OPERATOR D. ELLISON
UNIT NO 7644
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.

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.

INITIAL RUN

T.D. LOGGED 1028'
GAMMA SCALE 50 Cps Per In
TIME CONSTANT 1 SEC
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 NAIXTL
TYPE & SIZE .875X1.25"
DEAD TIME ≤1.0 μSEC
K FACTOR 1.59×10^{-5}
WATER FACTOR 1.139
AIR FACTOR

RES SCALE 5

DENSITY

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

~~GAMMA READINGS~~ Initial run offscale

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

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