

BENSON AND MONTIN # 4 GALLEGOS CANYON UNIT
CALCULATION OF FORMATION WATER CONTENT FROM
ELECTRICAL LOG DATA

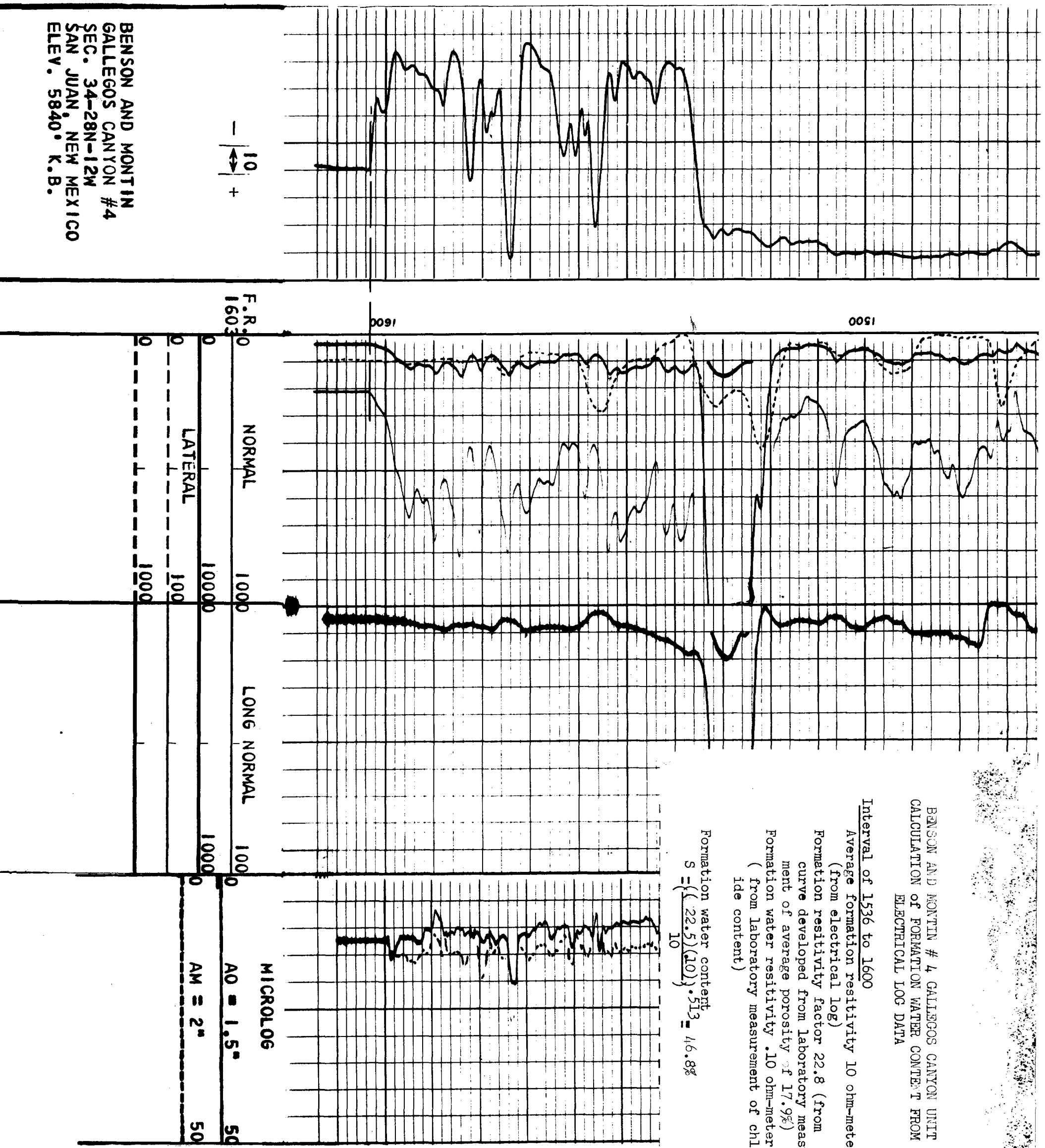
Interval of 1536 to 1600

Average formation resistivity 10 ohm-meter
(from electrical log)

Formation resistivity factor 22.8 (from
curve developed from laboratory meas-
urement of average porosity of 17.9%)

Formation water resistivity .10 ohm-meter
(from laboratory measurement of chl
ide content)

$$\text{Formation water content } S = \left(\frac{22.8}{.10} \right) \cdot 513 = 46.8\%$$



BENSON AND MONTIN
GALLEGOS CANYON #4
SEC. 34-28N-12W
SAN JUAN, NEW MEXICO
ELEV. 5840' K.B.