

BENSON AND MONTIN #5 - GALLEGO'S CANYON UNIT

Interval from 1375 to 1420

Average formation resistivity 9 ohm-meter
(from electrical log)

Formation resistivity factor 23.0 (from
curve developed from laboratory mea-

surement of average porosity of 17.8%)

Formation water resistivity .10 ohm-meters
(from laboratory measurement of chlo-

ride content)

Formation water content:
 $S = \frac{(23.0)(.10)}{9} \cdot 51349.6\%$

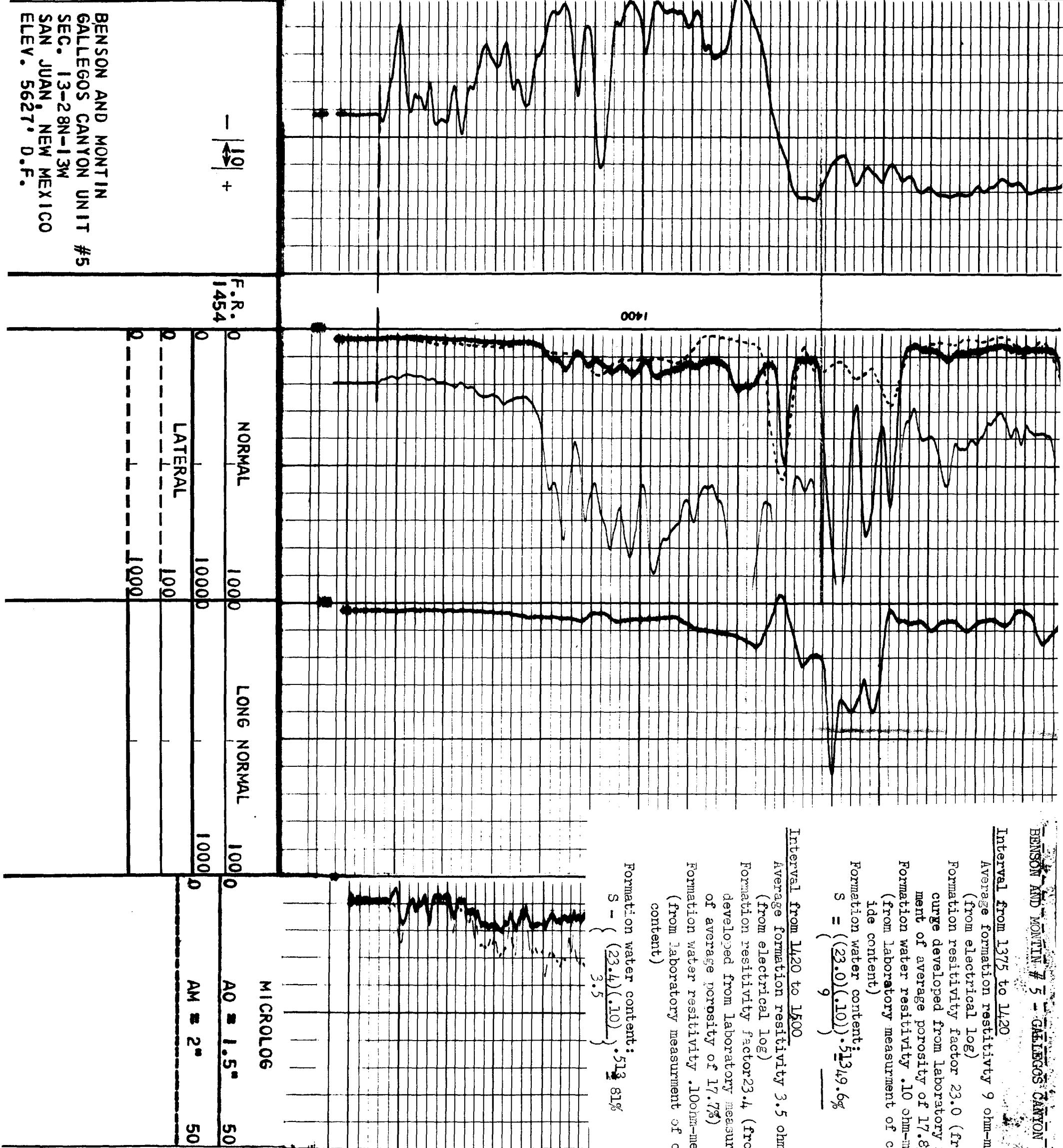
Interval from 1420 to 1500

Average formation resistivity 3.5 ohm-meter
(from electrical log)

Formation resistivity factor 23.4 (from curve
developed from laboratory measurements
of average porosity of 17.7%)

Formation water resistivity .10 ohm-meters
(from laboratory measurement of chloride
content)

Formation water content:
 $S = \frac{(23.4)(.10)}{3.5} \cdot 51381\%$



BENSON AND MONTIN
GALLEGO'S CANYON UNIT #5
SEC. 13-28N-13W
SAN JUAN, NEW MEXICO
ELEV. 5627' D.F.