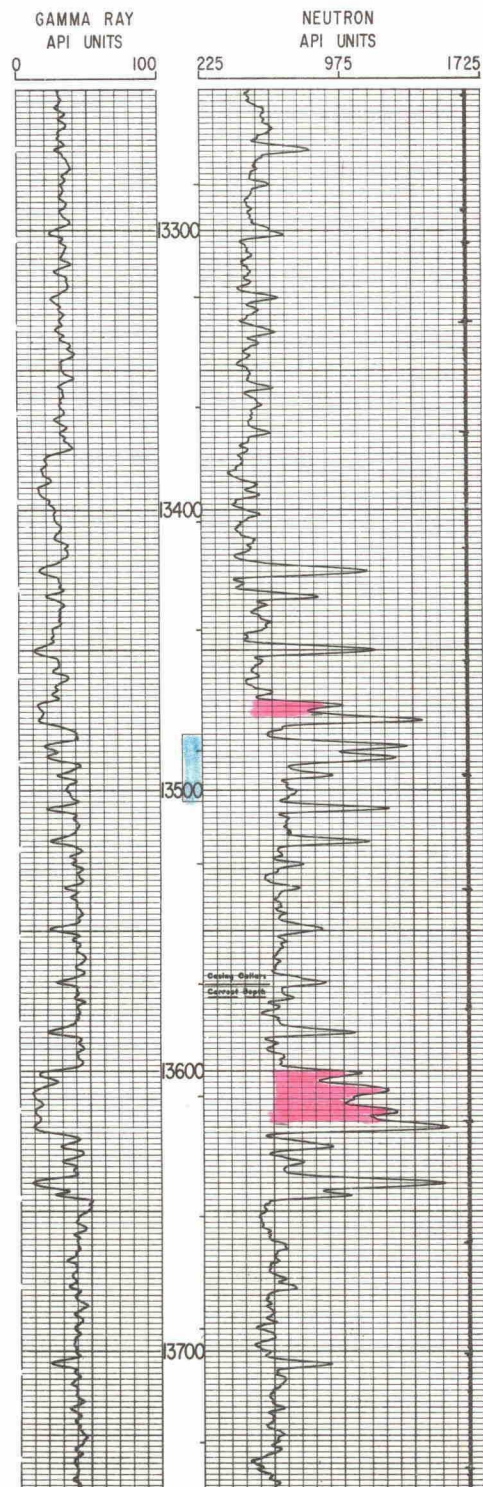


H. J. GRUY AND ASSOCIATES, INC.

SCHLUMBERGER GAMMA RAY NEUTRON LOG
DEPTH REFERENCE - SURFACE CASING FLANGE

PURE OIL COMPANY
RED HILLS UNIT NO. 1
LEA COUNTY, NEW MEXICO
OCTOBER 22, 1963



Case 3158
Heard 5-18-66
EXHIBIT NO. Union 7
PREPARED BY H. J. GRUY AND ASSOCIATES, INC.