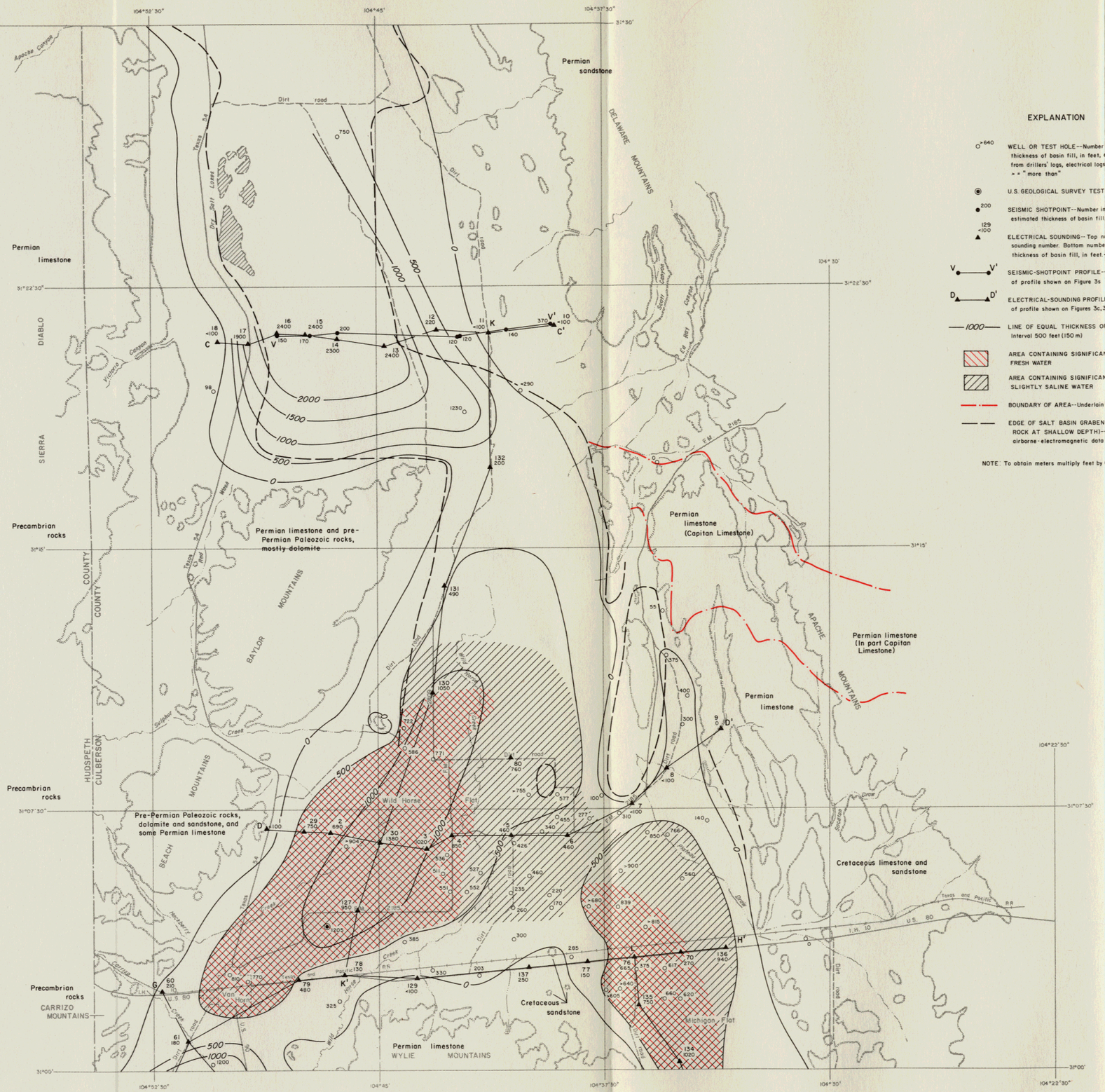

EXPLANATION

- WELL OR TEST HOLE--Number indicates thickness of basin fill, in feet, estimated from drillers' logs, electrical logs, or other data > = "more than"
- U.S. GEOLOGICAL SURVEY TEST HOLE
- SEISMIC SHOTPOINT--Number indicates estimated thickness of basin fill, in feet
- ELECTRICAL SOUNDING--Top number indicates sounding number. Bottom number is estimated thickness of basin fill, in feet. < = "less than"
- SEISMIC-SHOTPOINT PROFILE--Shows location of profile shown on Figure 3s
- ELECTRICAL-SOUNDING PROFILE--Shows location of profile shown on Figures 3c, 3f, 3g, 3j, and 3k
- LINE OF EQUAL THICKNESS OF BASIN FILL--Interval 500 feet (150 m)
- AREA CONTAINING SIGNIFICANT AMOUNTS OF FRESH WATER
- AREA CONTAINING SIGNIFICANT AMOUNTS OF SLIGHTLY SALINE WATER
- BOUNDARY OF AREA--Underlain by Capitan Limestone
- EDGE OF SALT BASIN GRABEN (CONSOLIDATED ROCK AT SHALLOW DEPTH)--Estimated from airborne-electromagnetic data (See Figure 4)

NOTE: To obtain meters multiply feet by 0.3048

0 1 2 3 4 5 MILES
0 1 2 3 4 5 6 7 8 KILOMETERS

Base from U.S. Geological Survey topographic quadrangles

Figure 7
Hydrologic Data for Wild Horse and Michigan Flats and Locations of Electrical Soundings and Seismic Shotpoints