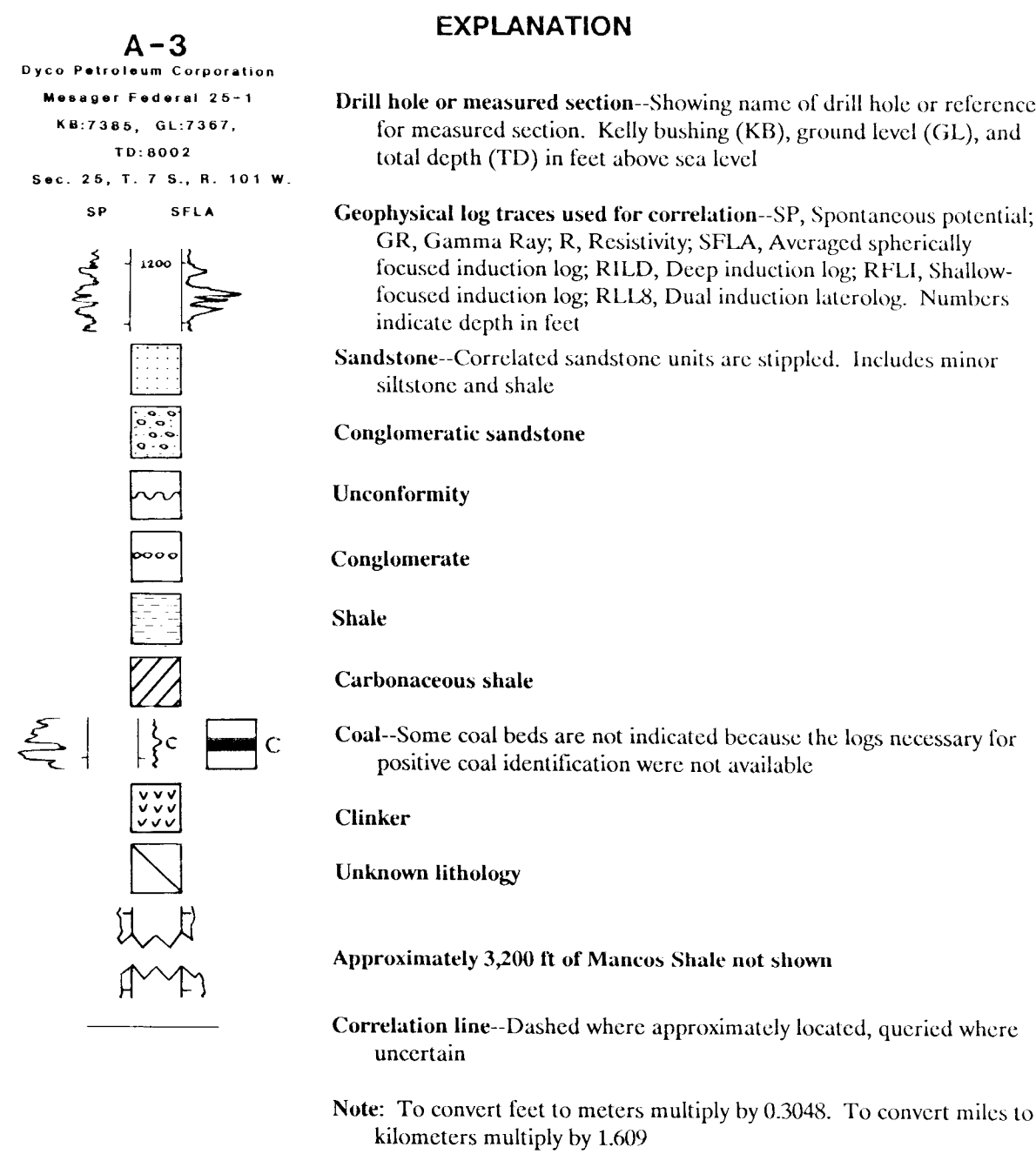




Cross sections A-A' and B-B' show the stratigraphic framework of Upper Cretaceous rocks in part of the Piceance basin, northwestern Colorado. This Laramide block is asymmetric in shape and has a gently dipping western flank and a steeply dipping eastern flank. The block is bounded to the west by the Frontal thrust northwest, the Douglas Creek arch to the west, the Alsea Basin uplift to the north, the White River uplift to the east, the Gunnison uplift and the Sawatch-Etche range to the south, and the Frontal thrust to the east.

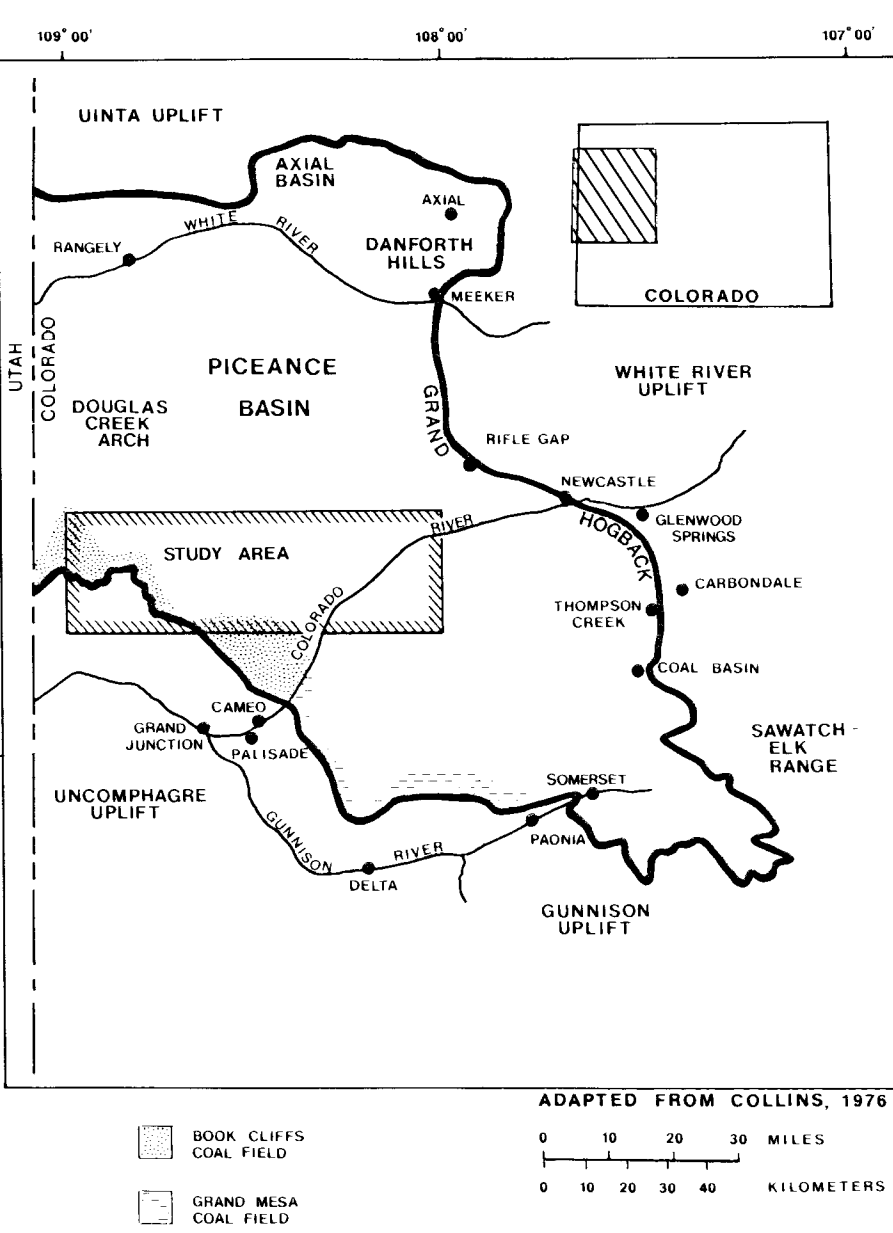
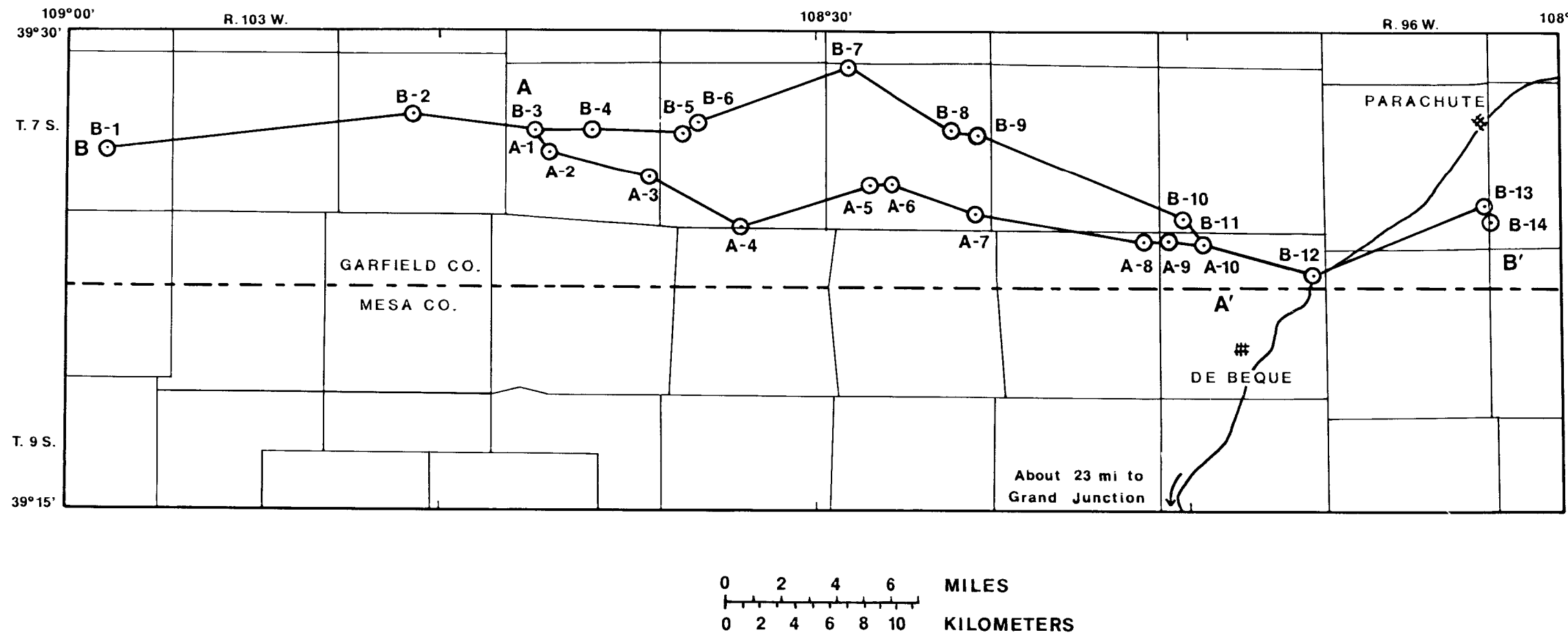
The cross sections were made from measured sections and geophysical well logs. Data points B-1 and B-2 are measured sections modified from Fisher and others (1966). All other data points are geophysical well logs. Correlations of the major units are shown in figure 1. The log traces are plotted on the right side of the section to suit of well logs available for each drill hole. Only the two most significant log traces are shown for each drill hole on the cross sections. Coal beds were picked using the gamma-ray log trace. The gamma-ray log trace is drilled on the right side of the log traces for each drill hole. Coal beds are not indicated for drill holes that do not have adequate logs for coal identification.

[illegible]

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INDEX MAP SHOWING STUDY AREA

CROSS SECTIONS SHOWING STRATIGRAPHIC FRAMEWORK OF UPPER CRETACEOUS DAKOTA SANDSTONE, MANCOS SHALE, MESAVERDE GROUP, AND MESAVERDE FORMATION, AND LOWER TERTIARY WASATCH FORMATION, WEST-CENTRAL PICEANCE BASIN, GARFIELD COUNTY, COLORADO

B'



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