

- EXPLANATION**
- Marine carbonate rocks—May contain chert, phosphatic, and minor amounts of clastic and evaporitic rocks
 - Marine mixed carbonate clastic rocks—May contain thick units of evaporitic rocks
 - Marine sandstone—May contain interbedded mudstone and siltstone
 - Marine shale and (or) mudstone—May contain interbedded coarse-clastic, carbonate, and (or) evaporitic rocks
 - Marine to marginal-marine clastic rocks—May contain various amounts of coal and (or) siltstone, and (or) evaporitic rocks
 - Predominantly fluvial clastic rocks—May contain minor amounts of lacustrine, and (or) siltstone, and (or) minor amounts of coal
 - Eolian sandstone
 - Marginal lacustrine clastic rocks—May contain minor amounts of carbonate rocks
 - Lacustrine shale and carbonate rocks—May contain minor amounts of coarse-clastic and evaporitic rocks
 - Volcanic rocks—Contains pyroclastic and epiclastic rocks

- Formation boundary
- Member boundary
- Formation boundary underlying Charleston thrust plate
- Unconformity
- Unconformity underlying Charleston thrust plate
- Approximate boundary of stratigraphic units found in hanging wall of Charleston-Nebo thrust plate
- Approximate boundary of stratigraphic units in footwall of Charleston-Nebo thrust plate
- Approximate boundary of stratigraphic nomenclature of correlative units of similar lithologies
- Approximate boundary of stratigraphic nomenclature of correlative units of different lithologies
- Producing gas well
- Dry abandoned well
- Surface control

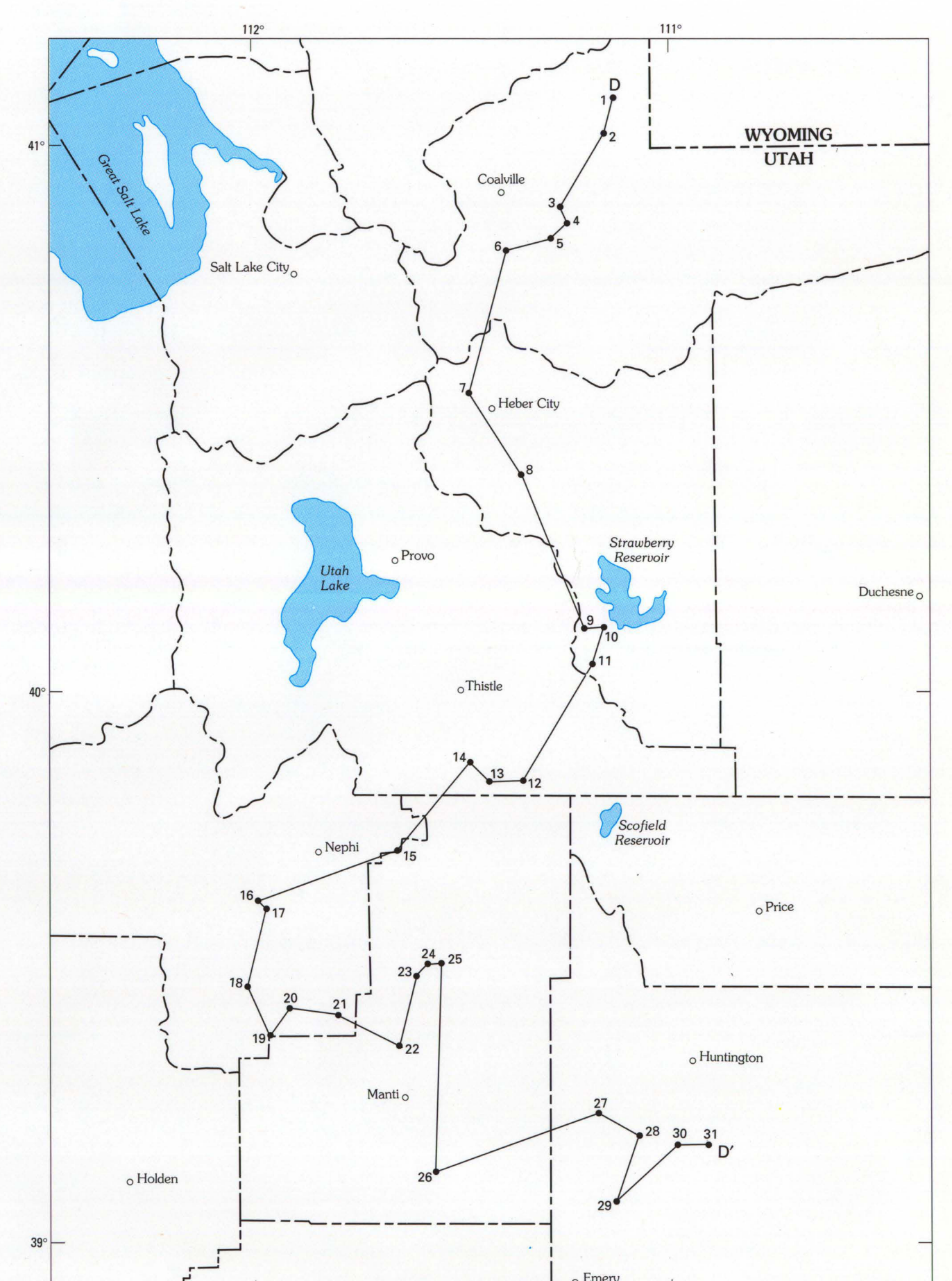
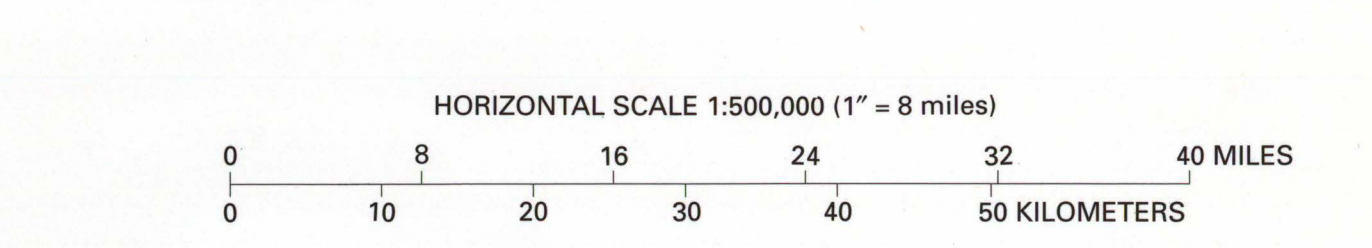


Figure 1. Location of data points along section line D-D'.

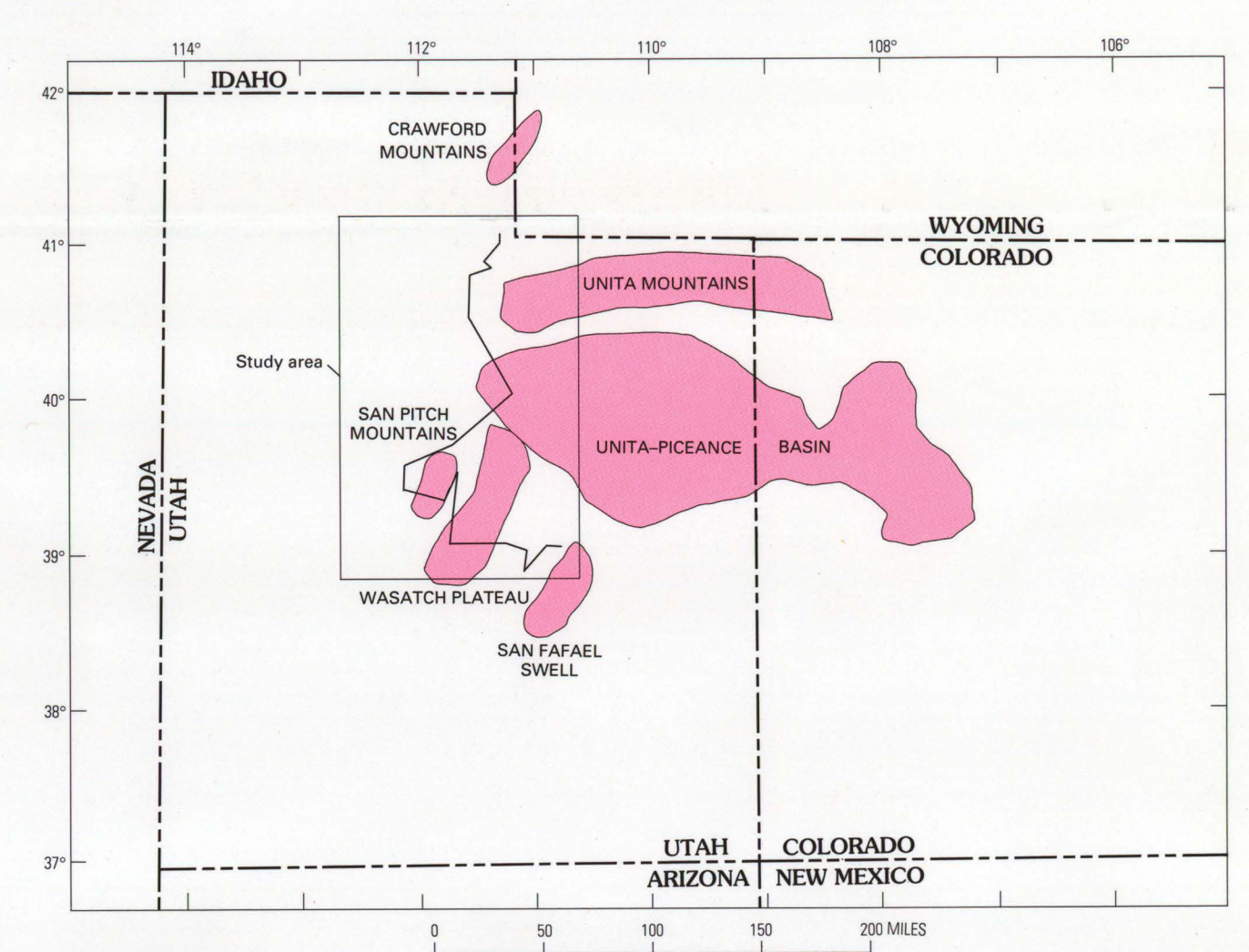


Figure 2. Map showing geographic features of Utah and surrounding states, section line D-D', and outline of study area. Modified from Bryant and others (1989a, b) and Stokes (1986).

STRATIGRAPHIC AND TIME-STRATIGRAPHIC CROSS SECTIONS: A NORTH-SOUTH TRANSECT FROM NEAR THE UTAH MOUNTAIN AXIS ACROSS THE BASIN AND RANGE TRANSITION ZONE TO THE WESTERN MARGIN OF THE SAN RAFAEL SWELL, UTAH

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