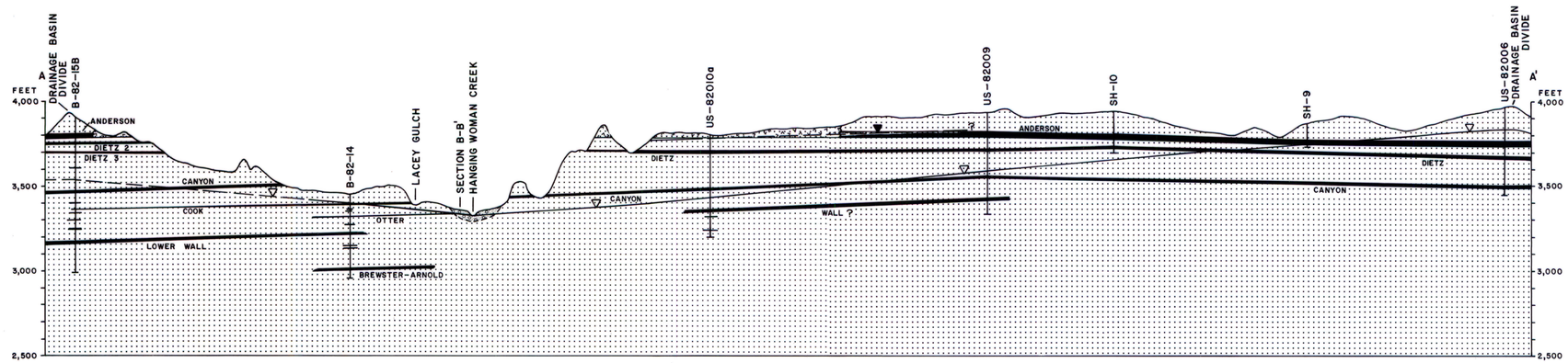
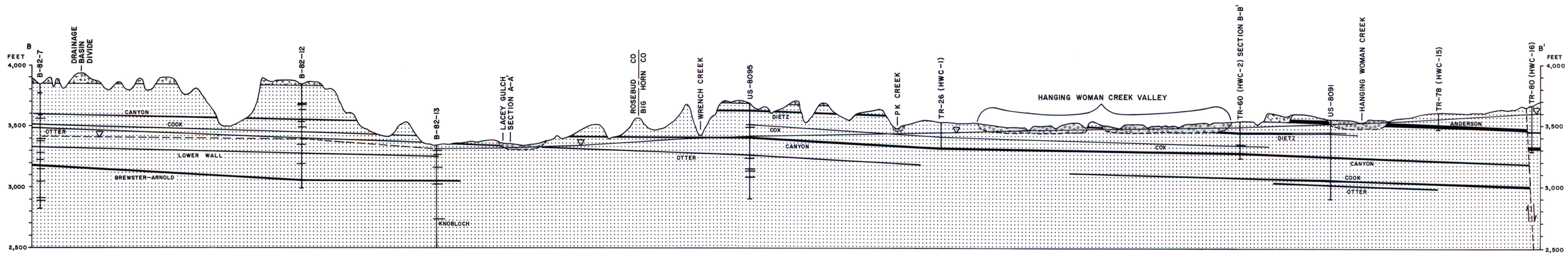
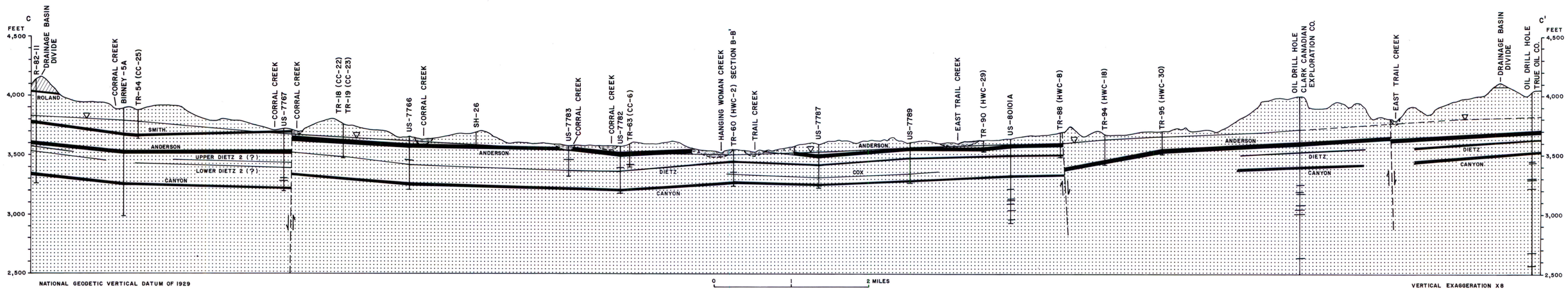


EXPLANATION

- ALLUVIUM (HOLOCENE AND PLEISTOCENE)
- WASATCH FORMATION (EOCENE)
- TONGUE RIVER MEMBER OF FORT UNION FORMATION (PALEOCENE)
  - Clinker of Tongue River Member
  - Coal bed of Tongue River Member--Name of coal bed shown on section
- CONTACT--Dashed where approximately located
- POSITION OF PERCHED WATER TABLE--Dashed where approximately located; queried where doubtful
- POSITION OF POTENTIOMETRIC SURFACE IN SHALLOW COAL AND SANDSTONE AQUIFERS--Dashed where approximately located
- FAULT--Arrows show direction of movement along fault plane
- B-82-14 WELL OR DRILL HOLE AND NUMBER--Thin (less than 8 feet) coal beds shown by long horizontal lines; bottom of hole shown by short horizontal line

TRACE OF SECTIONS SHOWN ON PLATE 1





NATIONAL GEODETIC VERTICAL DATUM OF 1929

0 — 2 MILES

VERTICAL EXAGGERATION X8

IDEALIZED HYDROGEOLOGIC SECTIONS A-A', B-B', AND C-C' IN THE HANGING WOMAN CREEK BASIN, SOUTHEASTERN MONTANA