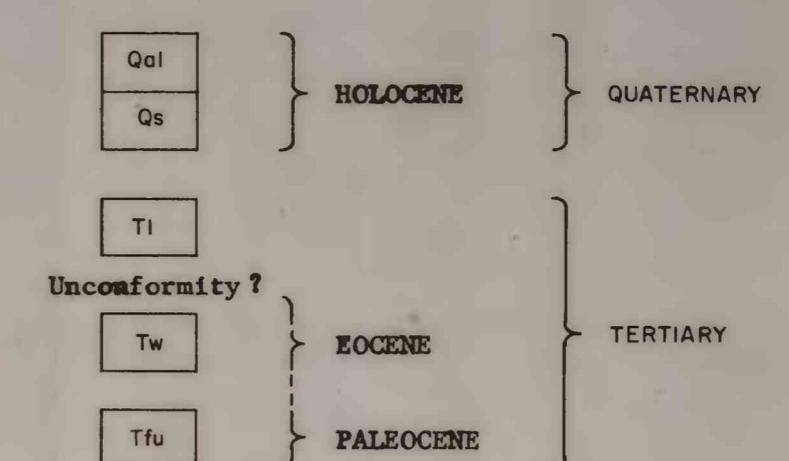


CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

- Qol** ALLUVIUM (HOLOCENE)--Valley fill. Consisting of unconsolidated sand, silt, clay, and indurated clasts principally derived from local formations.
- Qs** LANDSLIDE (HOLOCENE)--Heterogeneous, unstratified, assemblage of angular rock fragments derived from bed rock.
- Tl** LAG DEPOSIT (TERTIARY)--Thin deposits of pebbles and cobbles. Clasts consist of chalcedony, chert, red and yellow jasper, quartzite, and silicified wood.
- Tw** WASATCH FORMATION? (EOCENE)--Tan to gray interbedded sandstone, siltstone, shale, and coal. Base arbitrarily chosen at the top of the upper Wyodak coal or bottom of respective clinker.
- Tfu** FORT UNION FORMATION-UNDIFFERENTIATED (PALEOCENE)--Tan to gray, interbedded, sandstone, siltstone, shale, and coal. Iron stone concretions are common below level of lower Wyodak coal.

EXPLANATION OF LINE SYMBOLS

- CONTACT--Dashed where approximately located; short dashed where inferred; dotted where concealed.
- COAL BED--Dashed where approximately located; short dashed where inferred; dotted where concealed. Letter designates specific coal bed shown on coal index section. Triangle and number indicate location and effective thickness (in feet)^{1/2} of measured coal section.
- BAKED AND FUSED ROCK--Base and areal extent of burned coal. Long-dashed where approximately located; short-dashed where inferred. Attached v's indicate base of baked and fused rock; dotted line indicates inferred extent of burn. Letter indicates which coal has burned.
- ANTICLINE--Showing approximate trace of axial plane and direction of plunge; short dashed where inferred.
- SYNCLINE--Showing approximate trace of axial plane; short dashed where inferred.
- FAULT--Dashed where approximately located; short dashed where inferred. U, upthrown side; D, downthrown side.
- STRIKE AND DIP OF BEDS
- COMPONENT OF DIP
- HORIZONTAL BEDS
- STRUCTURE CONTOURS--Drawn on base of lower Wyodak coal bed. Dashed where approximately located; short dashed where projected above topography. Contour interval 40 feet (12m). Datum mean sea level.

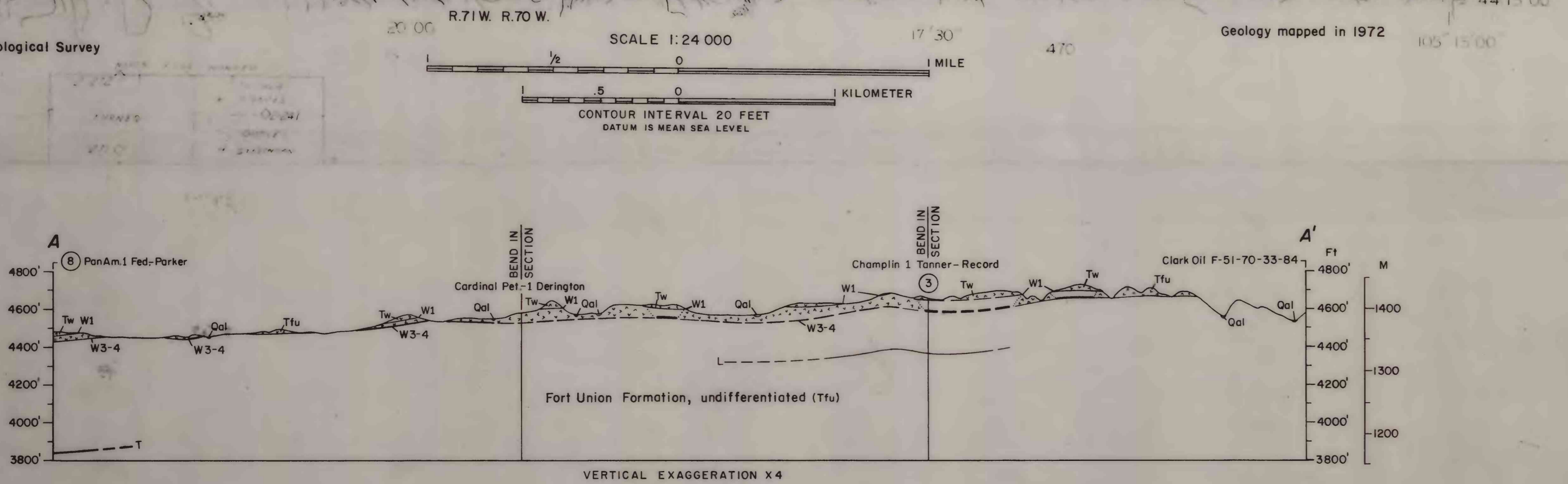
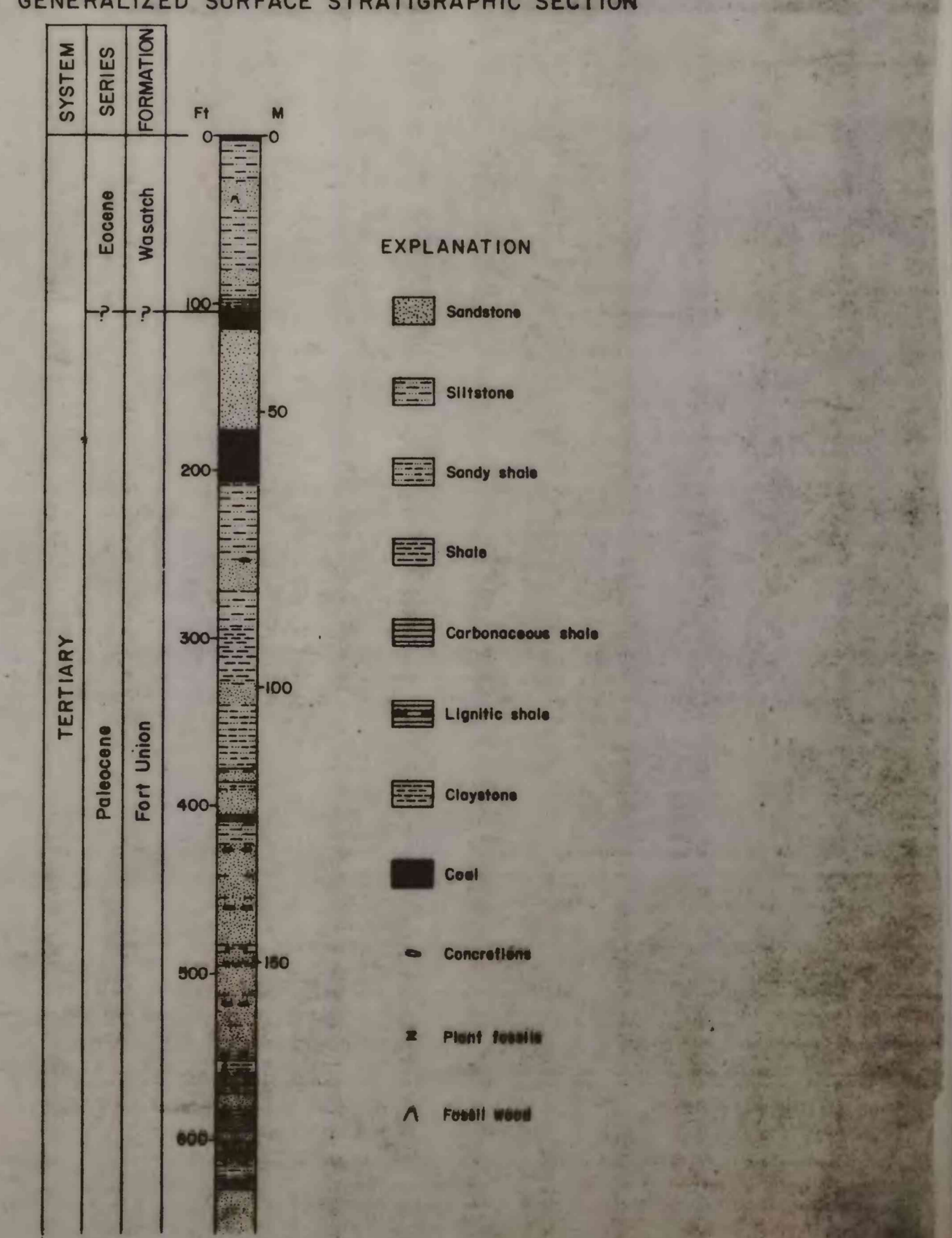
DRILL HOLES - Circled number refers to coal section.

- ② Producing OIL WELL --Pm, producing from Minnelusa Formation; Kmd, producing from Muddy Formation.
- ⑤ ABANDONED OIL WELL
- OIL WELL CONVERTED TO WATER INJECTION WELL
- ① ABANDONED OIL AND (OR) GAS TEST HOLE
- ✕ ABANDONED COAL MINE
- ✕ CLINKER QUARRY

This map is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards or nomenclature

^{1/2} To convert feet to meters, multiply by 0.3048.

GENERALIZED SURFACE STRATIGRAPHIC SECTION



PRELIMINARY GEOLOGIC MAP AND COAL RESOURCES OF THE FORTIN DRAW QUADRANGLE, CAMPBELL COUNTY, WYOMING
By
B. E. Law
1974

28-17