

R. 25 E.

R. 26 E.

EXPLANATION

Recent

Quaternary

- Alluvium
- Low level
- Intermediate level
- Gravel-capped benches (Mapped only near the cliffs)

Pleistocene (?)

Tertiary (?)

- UNCONFORMITY
- Tuscher formation

Eocene (?)

Upper Cretaceous

Messurade group

Price River formation

- High sandstone cliffs
- Farrer non-coal-bearing member
- Chesterfield coal zone
- Sulphur Canyon sandstone bed
- Neslen coal-bearing member
- Palisade coal zone
- Sego sandstone member
- Castlegate sandstone member (Thick tongue of Mancos shale included on map)

Mancos shale

Dakota (?) sandstone

Coal bed or associated sandstone bed (Dashed where concealed)

Burned coal (Wavy line along sandstone bed indicates burned associated coal bed)

Coal section measured (Number referred to in text)

Fault (Showing direction and degree of dip. Number represents amount of displacement in feet. U, upthrow; D, downthrow)

Strike and dip

Prevailing dip of bed

Structure contours (Contours drawn on top of Castlegate sandstone, interval 25 feet. Datum to mean sea level)

Prospect

Gas well

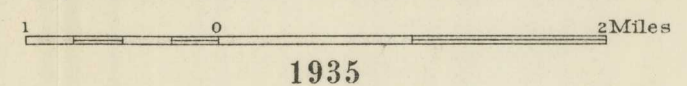


Features over a mile or two from the cliffs are in general taken from township plats of the General Land Office or only roughly mapped

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Geology by D. Jerome Fisher, assisted by K. K. Landes and R. M. Leggett, 1925. Geology in Prairie Canyon and tributaries by C. E. Erdmann and W. D. Johnston. Mapping of Dakota (?) sandstone by C. H. Dane

MAP OF THE NORTHEASTERN PART OF THE BOOK CLIFFS COAL FIELD, GRAND COUNTY, UTAH, SHOWING GEOLOGY AND STRUCTURE



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