

COMPILED FROM ALL AVAILABLE DATA AND ORIGINAL FIELD WORK  
BY  
THE GEOLOGICAL SURVEY OF WYOMING  
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BY  
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The geological column is divided into several periods, with rock units listed on the right and their corresponding symbols in boxes on the left. Brackets on the left group units into larger time intervals.

- RECENT**: Alluvium and terrace deposits (Symbol: Box with 'Qal' and horizontal lines)
- MIOCENE**:
  - Arikaree (?) formation (Symbol: Box with 'Ta' and horizontal lines)
  - White River formation (Symbol: Box with 'Twr' and horizontal lines)
- OLIGOCENE**:
  - Wind River formation (Symbol: Box with 'Twr' and horizontal lines)
  - Hanna formation (Symbol: Box with 'Th' and diagonal lines)
- Eocene**:
  - Medicine Bow formation (Symbol: Box with 'Kmb.' and horizontal lines)
- UPPER CRETACEOUS**:
  - Lewis shale (Symbol: Box with 'Kl' and horizontal lines)
  - Mesoverde formation (Symbol: Box with 'Kmv' and horizontal lines)
  - Steele shale (Symbol: Box with 'Ks' and diagonal lines)
  - Niobrara formation (Symbol: Box with 'Kni' and horizontal lines)
  - Frontier formation (Symbol: Box with 'Kf' and horizontal lines)
  - Mowry shale (Symbol: Box with 'Kmr' and horizontal lines)
  - Thermopolis shale (Symbol: Box with 'Kt' and horizontal lines)
  - Muddy sandstone member (Upper Cretaceous); shale (Lower Cretaceous) (Symbol: Box with 'Kc' and horizontal lines)
- LOWER CRETACEOUS**:
  - Colorado group (Includes Frontier, Mowry, Thermopolis, and Muddy sandstone member)
- UPPER JURASSIC**:
  - Clowery formation (Symbol: Box with 'Kc' and diagonal lines)
  - Morrison formation (Symbol: Box with 'Jm' and diagonal lines)
  - Sundance formation (Symbol: Box with 'Js' and diagonal lines)
  - Jelm and Chugwater formations, undivided (Symbol: Box with 'Jc' and diagonal lines)
- PENNSYLVANIAN**:
  - Forelle limestone and Sataoka shale, undivided (Symbol: Box with 'Pfs' and horizontal lines)
  - Casper and Fountain formations, undivided (Symbol: Box with 'Ccf' and horizontal lines)
  - Madison formation (Symbol: Box with 'Cm' and horizontal lines)
  - Crystalline and metamorphic rocks (Symbol: Box with 'Pc' and diagonal lines)

At the bottom, a cross-section line A-A' is shown with symbols for a Fault (F), Observation well (circle with dot), Well (circle), Flowing well (circle with cross), and Stream-gaging station (triangle).

