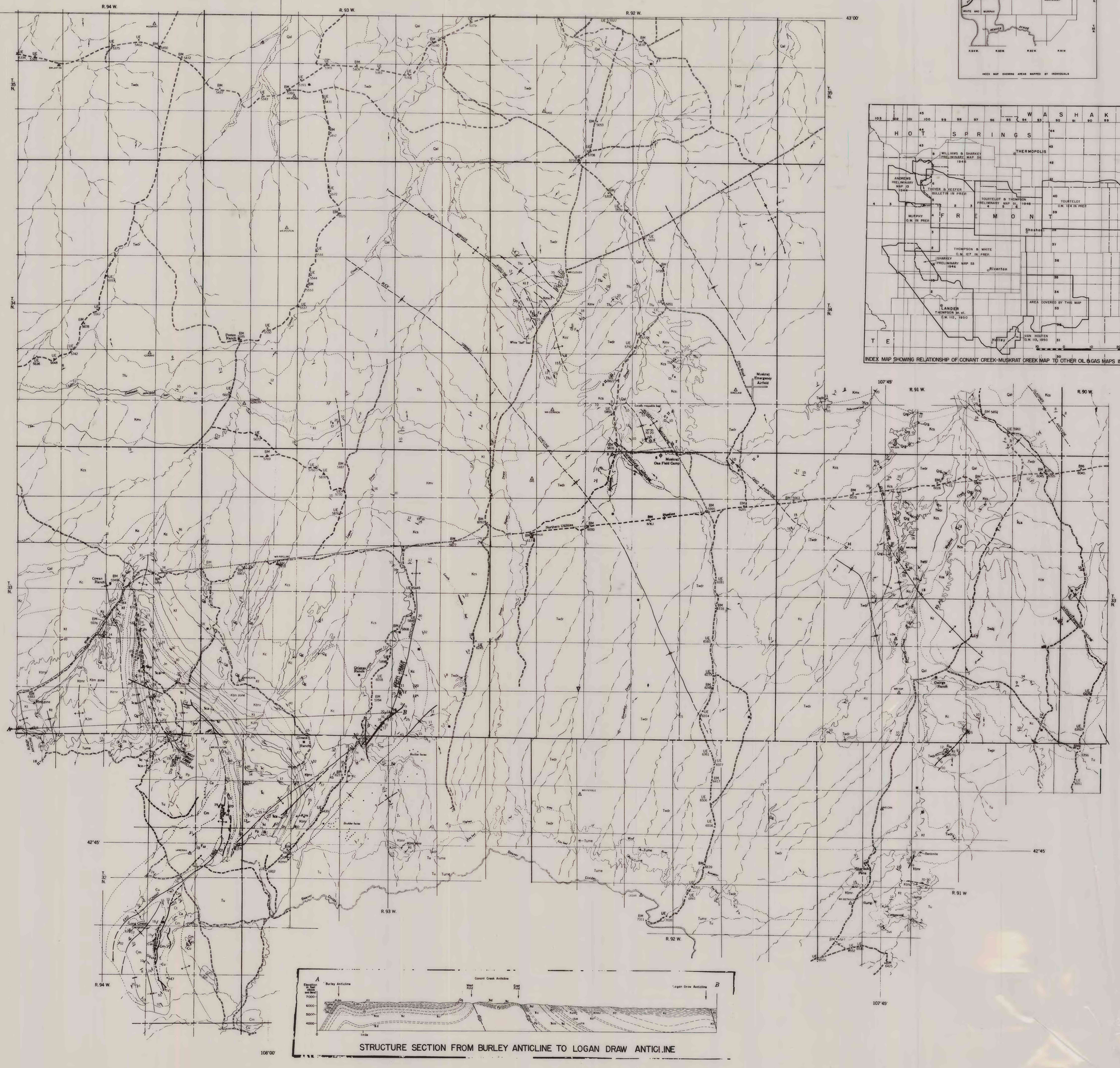
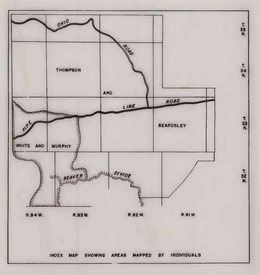
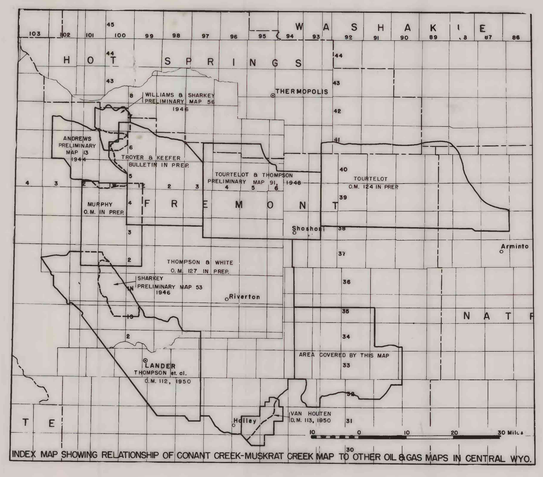




INDEX MAP SHOWING AREAS MAPPED BY INDIVIDUALS



INDEX MAP SHOWING RELATIONSHIP OF CONANT CREEK-MUSKRAT CREEK MAP TO OTHER OIL & GAS MAPS IN CENTRAL WYO.

EXPLANATION

Nomenclature of stratigraphic units is preferred usage of Laramie office, U.S.G.S.

- **Qal** — Alluvium. Unconsolidated deposits of silt, sand, gravel, and cobbles along stream valley at or near present stream level
- **Qg** — Gravel. Undifferentiated pediment and terrace gravels
- **Qrg** — Gravel. Residual from older sources
- **Tume** — Upper and Middle Eocene undivided
- **Tu** — Eocene undivided
- **Twdr** — Wind River formation
- **Ttu** — Fort Union formation
- **Kl** — Lance formation
- **Kmv** — Mesaverde formation
- **Kcs** — Cody shale (including sandy facies at top)
- **Kc** — Frontier formation
- **Kfmv** — Ktmv, Thermopolis and Mowry shales undivided
- **Kfm** — Ktm, Muddy sandstone member of Thermopolis shale (Kt)
- **Kt**
- **Kjm** — Morrison and Cloverly formations undivided
- **Jus** — "Upper Sundance" rocks
- **Jls** — "Lower Sundance" rocks including Gypsum Spring formation at base
- **Jn** — Nugget sandstone
- **Ic** — Chugwater formation with Alcova limestone member
- **Ic** — Ikc
- **Ikd** — Dinwoody formation
- **Pp** — Phosphoria formation
- **Ct** — Tensleep sandstone
- **Ca** — Amsden limestone
- **Cm** — Madison formation
- **Cu** — Gallatin and Gros Ventre formations undivided
- **Cf** — Flathead sandstone

Pleistocene and Recent; Pliocene; Upper and Middle Eocene; Lower Eocene; Upper; Lower; Middle; Lower; Middle; Mississippian-Pennsylvanian; Middle; Upper; QUATERNARY; TERTIARY; CRETACEOUS; JURASSIC; TRIASSIC; PERMIAN; CARBONIFEROUS; CAMBRIAN

- Strike and dip of beds
- Strike and dip of overturned beds
- Horizontal beds
- Vertical beds
- Direction and amount of apparent dip where strike is not determinable
- Formation boundary. Solid where exposed, dashed where approximately located
- Locally mappable beds
- Fault showing downthrown side and upthrown side. Solid where exposed, dashed where approximately located
- Thrust fault, u-overriding side. Solid where exposed, dashed where approximately located
- Axis of anticline and syncline showing direction of plunge. Dashed where approximately located, dotted where concealed
- Dry hole
- Producing gas well
- Abandoned gas well
- Abandoned oil and gas well
- Fossil localities
- Archaeological site
- Recovered section corner
- Triangulation point
- BM 5001 — Bench mark
- UE 5000 — Useful elevation
- Intermittent streams
- Improved and unimproved roads, not paved
- Pipeline
- Building

GEOLOGIC MAP OF THE CONANT CREEK–MUSKRAT CREEK AREA, FREMONT COUNTY, WYOMING

Geology by R.M.Thompson and V.L.White
Assisted in the field by K.A.Yanna, J.F.Murphy, D.Beardsley, J.G.Belshe, and J.B.Collins

1951

0 1 2 3 4 miles

Drafting by: Laura M. Wenger

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