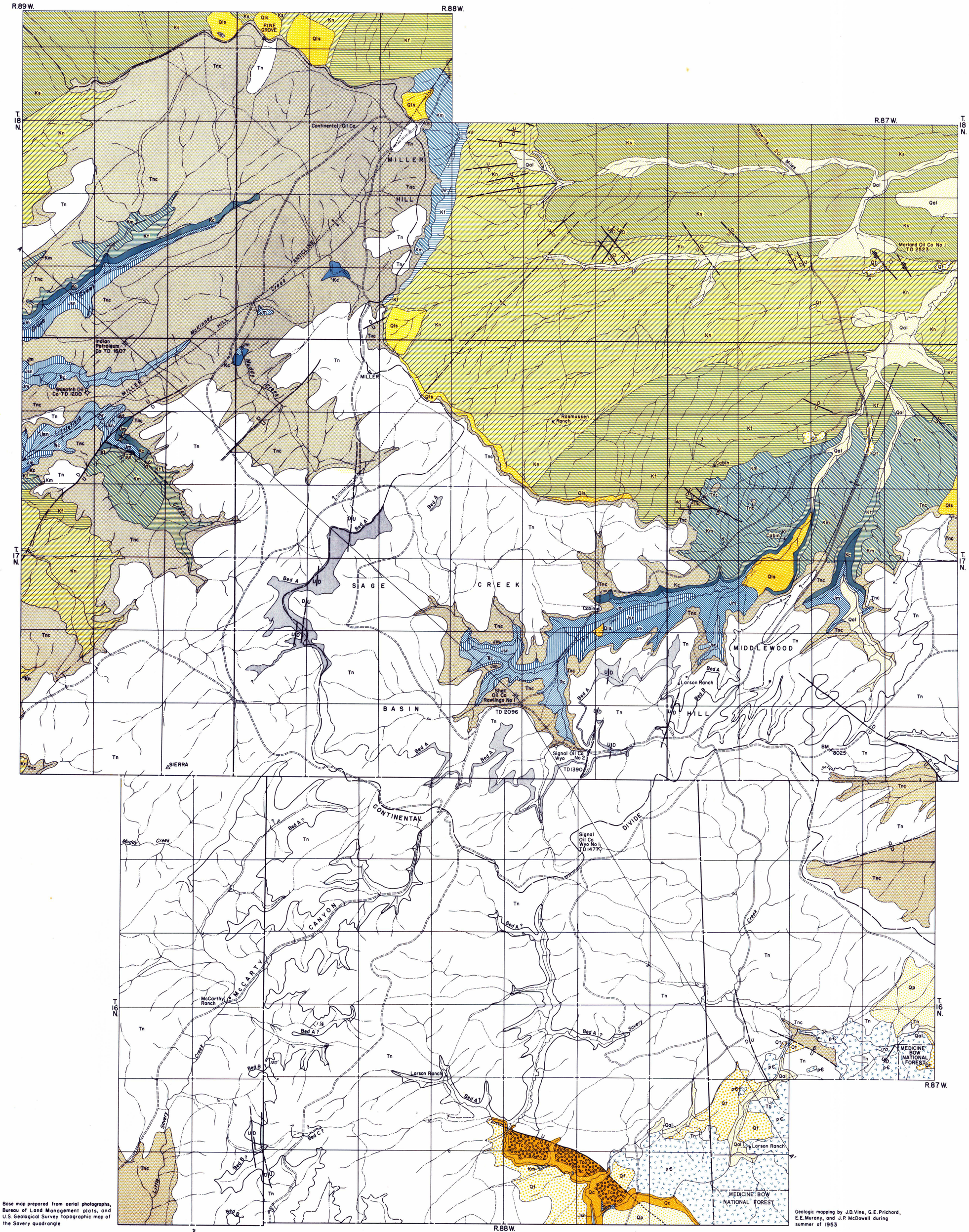


EXPLANATION

QUATERNARY

- Qal — Alluvium
- Qc — Colluvium
- Qls — Landslide material
- Qt — Terrace gravels
- Qp — Pediment deposits

TERTIARY

- Conglomerate
- *Pliocene (?)* — North Park (?) formation. *White bedded soft tuffaceous sandstone,* Tn; *limestone and calcareous sandstone lentils locally radioactive as much as 400 ft above* Tnc, A, B, *and* C; *basal conglomerate,* Tnc

CRETACEOUS

- *Upper Cretaceous* — Ks: Steele shale; Kn: Niobrara formation; Kf: Frontier formation
- *Lower Cretaceous* — Km: Mowry shale; Kt: Thermopolis shale; Kc: Cloverly formation

JURASSIC

- Jm: Morrison formation
- Jsn: Sundance formation and Nugget sandstone, undifferentiated

TRIASSIC

- Tc: Chugwater formation

PRE-CAMBRIAN

- p€: Gneiss and schist with smaller quantities of intrusive igneous rocks

Geologic contact
Dashed where approximately located

Fault
Dashed where approximately located; dotted where concealed

Anticline
Showing trace of axial plane. Dashed where approximately located; dotted where concealed

Syncline
Showing trace of axial plane. Dashed where approximately located; dotted where concealed

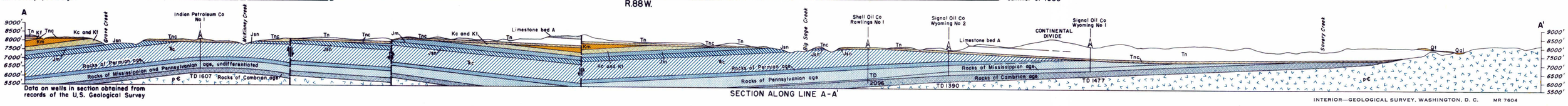
Strike and dip of beds

TD 1607
Dry hole
Total depth in feet

Small prospect pit

Base map prepared from aerial photographs, Bureau of Land Management plats, and U.S. Geological Survey topographic map of the Savery quadrangle

Geologic mapping by J.D. Vine, G.E. Prichard, E.E. Murany, and J.P. McDowell during summer of 1953



Data on wells in section obtained from records of the U.S. Geological Survey

SECTION ALONG LINE A-A'

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. MR 7604

GEOLOGIC MAP OF THE MILLER HILL AREA, CARBON COUNTY, WYOMING.

Scale 1:48,000

0 1 2 3 Miles

Datum is mean sea level

1959