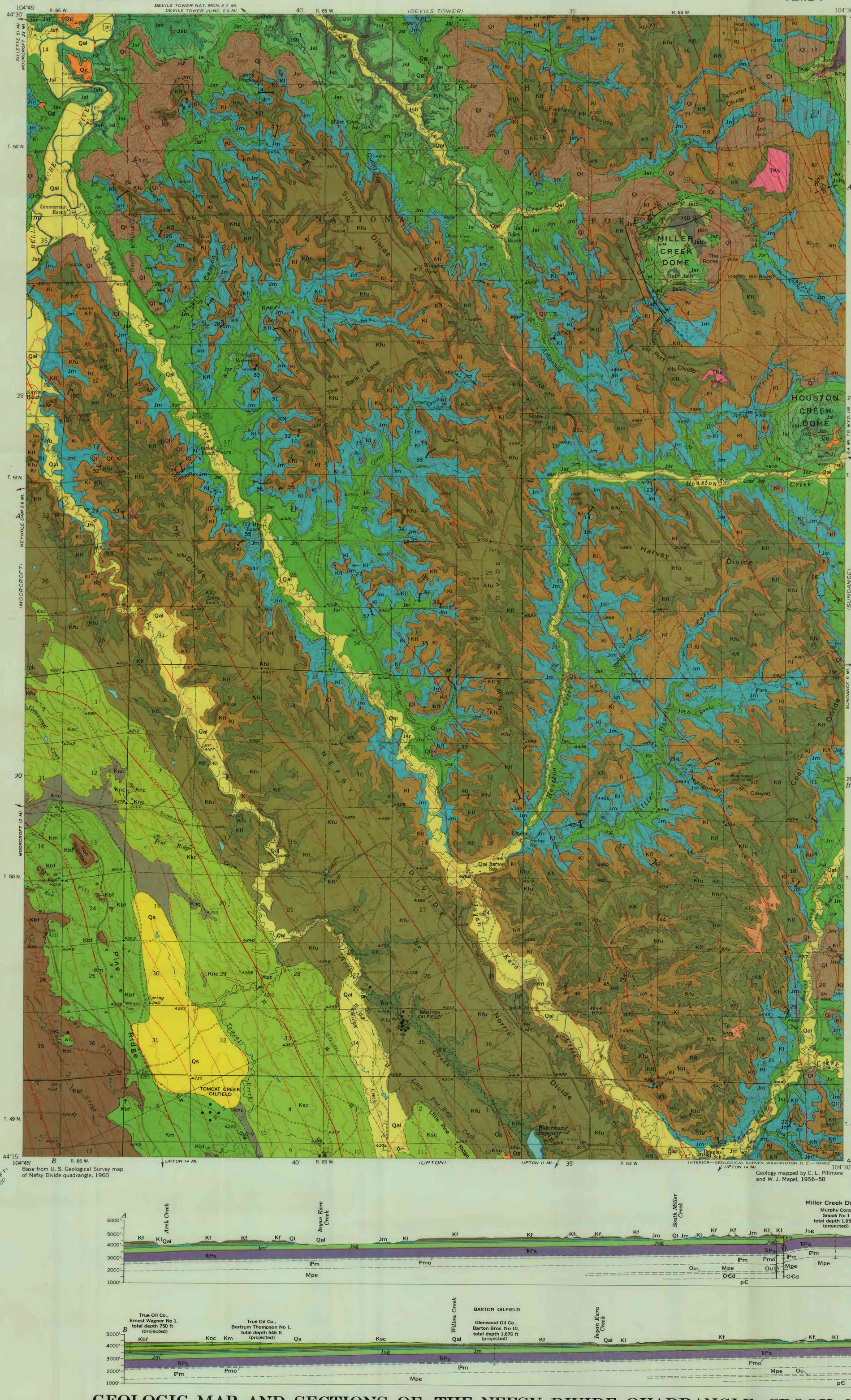
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1121-E
PLATE 1



Base from U. S. Geological Survey map of Nefsy Divide quadrangle, 1960

Geology mapped by C. L. Pillmore and W. J. Mapel, 1956–58

EXPLANATION

- Qal — Alluvium
- Qs — Slope wash
- Ql — Landslide material

QUATERNARY

- Qg / Tg — Terrace gravel

QUATERNARY AND TERTIARY

- TKs — Syenite porphyry and closely related rocks

CRETACEOUS OR TERTIARY

- Kbf — Belle Fourche shale (*Upper Cretaceous*)
- Km — Mowry shale
- Knc — Newcastle sandstone
- Ksc — Skull Creek shale (*Lower Cretaceous*)
- Kfu / Kfl — Fall River formation (*Inyan Kara group*)
  - Kfu, *upper part.*
  - Kfl, *lower part.*
  - Kf, *Fall River formation undifferentiated, shown on sections only*
- *UNCONFORMITY*
- Kl — Lakota formation

CRETACEOUS

- *LOCAL UNCONFORMITY*
- Jm — Morrison formation
- Jsr / Jsl / Jsh / Jslh / Jsb — Sundance formation (*Middle and Upper Jurassic*)
  - Jsr, *Redwater shale member.*
  - Jsl, *Lak member.*
  - Jsh, *Hulett sandstone member.*
  - Jsb, *Stockdale Beaver shale and Canyon Springs sandstone members, undifferentiated.*
  - Jslh, *Lak member and Hulett sandstone member, undifferentiated.*
  - Jsg, *Sundance and Gypsum Spring formations undifferentiated (shown on section only)*
- *UNCONFORMITY*
- TrPs — Spearfish formation

JURASSIC

PERMIAN AND TRIASSIC

SHOWN ON SECTION ONLY

- Pmo — Minnekahta limestone and Opeche formation undifferentiated (PERMIAN)
- IPm — Minnelusa formation (PENNSYLVANIAN)
- Mpe — Pahasapa and Englewood limestones undifferentiated (MISSISSIPPIAN)
- Ou — Whitewood dolomite and Winnipeg formation undifferentiated (ORDOVICIAN)
- O€d — Deadwood formation (CAMBRIAN AND ORDOVICIAN)
- p€ — Precambrian rocks (PRECAMBRIAN)

CARBONIFEROUS

- Contact — *Dashed where approximately located*
- Fault — *Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side*
- 5000 — Structure contour drawn on top of the Lakota formation. *Dashed where approximately located or where the contour horizon is above the ground surface; contour interval 50 feet; datum is mean sea level*
- Well having record of oil production (to Jan. 1, 1960)
- Dry hole
- Dry hole completed as water well
- 31 — Location of measured columnar section

GEOLOGIC MAP AND SECTIONS OF THE NEFSY DIVIDE QUADRANGLE, CROOK COUNTY, WYOMING

SCALE 1:48 000

1 ½ 0 1 2 3 MILES

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—10463