

EXPLANATION

QUATERNARY

Upper Quaternary

- Qh Alluvium
- Qw Slope wash
- Ql Landfill material

Lower Quaternary

Undifferentiated terraces

- Qm1, Qm2, Qm3, Qm4, Qm5, Qm6, Qm7, Qm8, Qm9, Qm10, Qm11, Qm12, Qm13, Qm14, Qm15, Qm16, Qm17, Qm18, Qm19, Qm20, Qm21, Qm22, Qm23, Qm24, Qm25, Qm26, Qm27, Qm28, Qm29, Qm30, Qm31, Qm32, Qm33, Qm34, Qm35, Qm36, Qm37, Qm38, Qm39, Qm40, Qm41, Qm42, Qm43, Qm44, Qm45, Qm46, Qm47, Qm48, Qm49, Qm50, Qm51, Qm52, Qm53, Qm54, Qm55, Qm56, Qm57, Qm58, Qm59, Qm60, Qm61, Qm62, Qm63, Qm64, Qm65, Qm66, Qm67, Qm68, Qm69, Qm70, Qm71, Qm72, Qm73, Qm74, Qm75, Qm76, Qm77, Qm78, Qm79, Qm80, Qm81, Qm82, Qm83, Qm84, Qm85, Qm86, Qm87, Qm88, Qm89, Qm90, Qm91, Qm92, Qm93, Qm94, Qm95, Qm96, Qm97, Qm98, Qm99, Qm100

Terraces in Flat Willow Creek drainage basin

- Qt1, lowest and youngest
- Qt2, and Qt3, undifferentiated
- Qt4, highest and oldest

Manusheim River terraces

- Qm1, lowest and youngest
- Qm2, and Qm3, undifferentiated
- Qm4, highest and oldest

Colorado shale

- Km, Niobrara member
- Km1, Jurbak sand of Corbille member
- Km2, Jurbak sand of Corbille member
- Km3, Jurbak sand of Corbille member
- Km4, second sand of Corbille member
- Km5, first sand of Corbille member
- Km6, red sandstone shale and shaly sandstone member
- Km7, Bala Fluviale member
- Km8, Albany member
- Km9, second sand member
- Km10, lower sandstone member
- Km11, lower sandstone member
- Km12, lower sandstone member

CRETACEOUS

Upper Cretaceous

- Claggett shale
- Judith River formation
- Beaumont shale
- Fort Hills formation
- Hell Creek formation
- Igneous rock

Middle Cretaceous

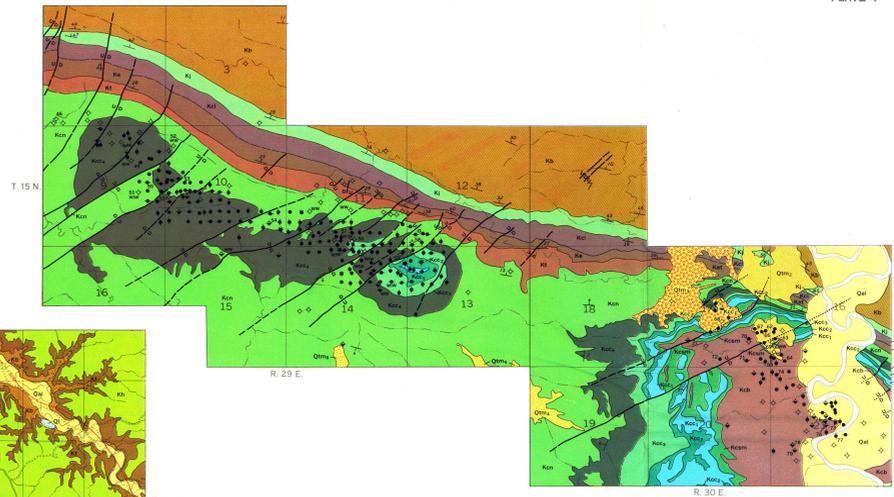
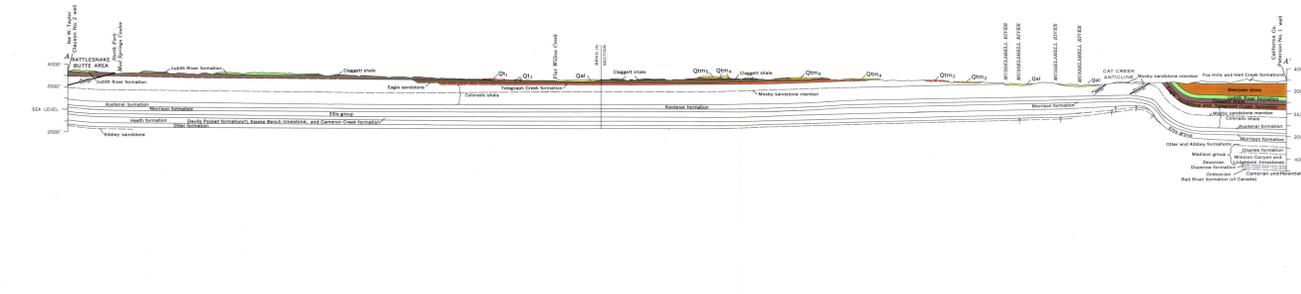
- Structure contours
- Strike and dip of beds
- Syncline
- Anticline
- Fault
- Contact

Lower Cretaceous

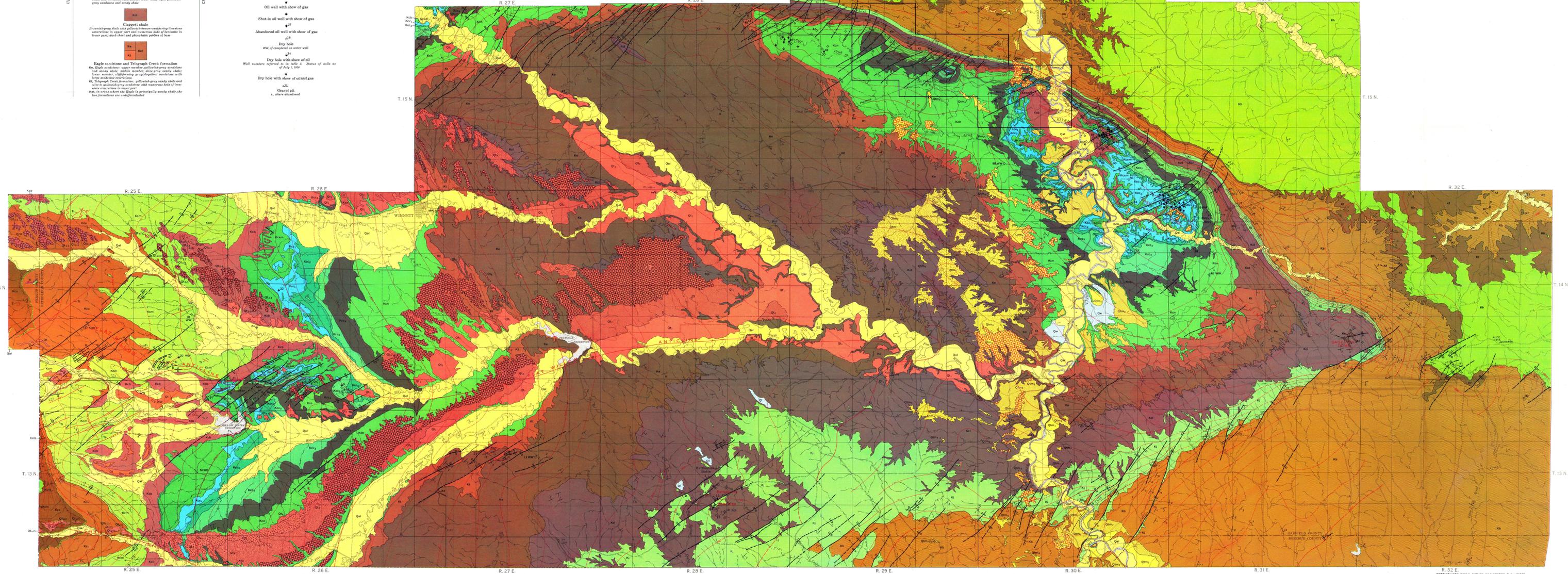
- Eagle sandstone and Telegraph Creek formation
- Claggett shale
- Judith River formation
- Beaumont shale
- Fort Hills formation
- Hell Creek formation
- Igneous rock

Well symbols:

- Oil well
- Shut-in oil well
- Abandoned oil well
- Oil well with show of gas
- Shut-in oil well with show of gas
- Abandoned oil well with show of gas
- Dry hole
- Dry hole with show of oil and gas
- Gravel pit



LOCATION AND STATUS OF WELLS IDENTIFIED ON WEST DOME AND PART OF MOSBY DOME OF THE CAT CREEK OIL FIELD
(Status as of July 1, 1959)



GEOLOGIC MAP AND SECTION OF THE WINNETT-MOSBY AREA, PETROLEUM, GARFIELD, ROSEBUD, AND FERGUS COUNTIES, MONTANA

Based from U.S. Bureau of Land Management plots



Geology mapped by W. D. Johnson, Jr., and H. R. Smith, 1952-54, assisted by J. P. Trautner