

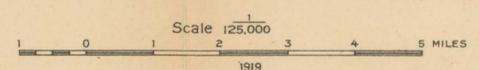
EXPLANATION

SEDIMENTARY ROCKS

- QUATERNARY**
- Qal Alluvium
- Gravel terrace
- High-level gravel and conglomerate
- TERTIARY**
- T1b Fort Union formation
(At top a single massive sandstone, T1b, underlain by a blue shale member, T1a, varicolored sandy shale and soft sandstone)
- T1 Lance formation
(Interbedded light-yellow to light-gray sandstones and bluish to gray shales, with occasional thin beds of carbonaceous shale)
- CRETACEOUS**
- Kb Bearpaw shale
(Gray and bluish marly shale with lenses of sandstone)
- Kj Judith River formation
(Soft massive light-yellow sandstone interbedded with layers of bluish-gray to black carbonaceous shale. Includes at base, for convenience of mapping and because of lithologic similarity, a sandstone which seems to be approximately equivalent to the sandstone included in the upper part of the Claggett formation in its type area and in the eastern part of the Big Horn Basin)
- Kkg Claggett formation
(Alternating beds of thin-bedded sandstone and soft sandy shale)
- Kc Eagle sandstone
(Massive and thin-bedded sandstones, with a middle member composed of soft sandstone and sandy and carbonaceous shale)
- K Colorado shale
(Chiefly light to dark gray shales, including thin layers and lenticular beds of sandstone)
- Structure contours on base of Eagle sandstone
(Based upon elevations of the outcrop of the sandstone and of other beds whose stratigraphic relations to the sandstone are known. Inferred contours are indicated by broken lines. Contour interval 100 feet)
- Anticline
- Syncline
- Faults
(Inferred faults are indicated by broken lines)
- Strike and dip
- Outcrop of sandstone ledge
- Showing of gas
- Huntley reclamation project

Compiled from Land Office plats, Reclamation Service data, R. R. alignments, and notes by the author

GEOLOGIC MAP OF THE HUNTLEY FIELD, MONTANA



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