EXPLANATION

Qal Qsa Qc Qs Surficial deposits Qal, alluvium; locally includes some windblown Qsa, windblown sand and alluvium Qc, colluvium Qs, windblown sand Qt

and Recent

Older sand deposit Contains pebbles and cobbles of rocks now exposed on Ferris Mountain to the northeast. May in part be of Pliocene age

Terrace gravels

Qp

Pediment gravels May in part be of Pliocene age

UNCONFORMITY

To Ogallala Formation Queried where identification uncertain

CRETACEOUS

QUATERNARY

UNCONFORMITY

Kles Kle

Lewis Shale Kles, sandstone beds of shallow marine origin in upper part

LOCAL UNCONFORMITY

Ka

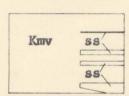
Sandstone, carbonaceous siltstone, and shale Contains Ostrea sp. coquina beds near top; equivalent to the Almond Formation of the Rock Springs uplift

Ke

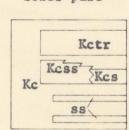
Sandstone, pebbly sandstone, and carbonaceous siltstone Equivalent to the upper part of the Ericson Sandstone of the Rock Springs uplift, and to the

Teapot Sandstone Member of the Mesaverde Formation in adjacent quadrangles

UNCONFORMITY



Sandstone, siltstone, shale, and carbonaceous siltstone ss, sandstone beds of littoral marine origin in lower part



Cody Shale (part) Kctr, sandstone, siltstone, and shale beds of marine origin, transitional into lower part of Mesaverde Formation; mapped locally Kcss, sandstone beds of littoral and shallow marine origin in upper part; intertongues with silty shale and is absent in the northeastern part of the quadrangle Kcs, sandstone bed about 1,000 ft below top of formation; intertongues with sandstone beds (Kcss) northwest and west of the quadrangle ss, locally mappable sandstone beds of shallow

Contact

marine origin

Long dashed where approximately located; short dashed where inferred; dotted where concealed

Fault

Long dashed where approximately located; short dashed where inferred; dotted where concealed. Bar and ball on downthrown side where displacement is known

Anticline Showing trace of axial plane. Dotted where concealed

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

Strike and dip of beds

ss concr Locally mappable bed ss, sandstone bed concr, concretionary mudstone bed

Outcrop too small to show at map scale Includes some float indicative of formation underlying colluvium- or sand-covered slope

Oil well

Selected dry hole

♦ D-5450 Fossil locality D-5450 U.S. Geological Survey Mesozoic locality

This map is preliminary and has not been

M(200)R290 no. 68- 22 8 Sheet 2062

V. S. GEOLOGICAL WASHING TOWNS APR 2 6 1968

edited or reviewed for conformity with Geological Survey standards or nomenclature.

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Formation