

MAP OF SEWARD COUNTY

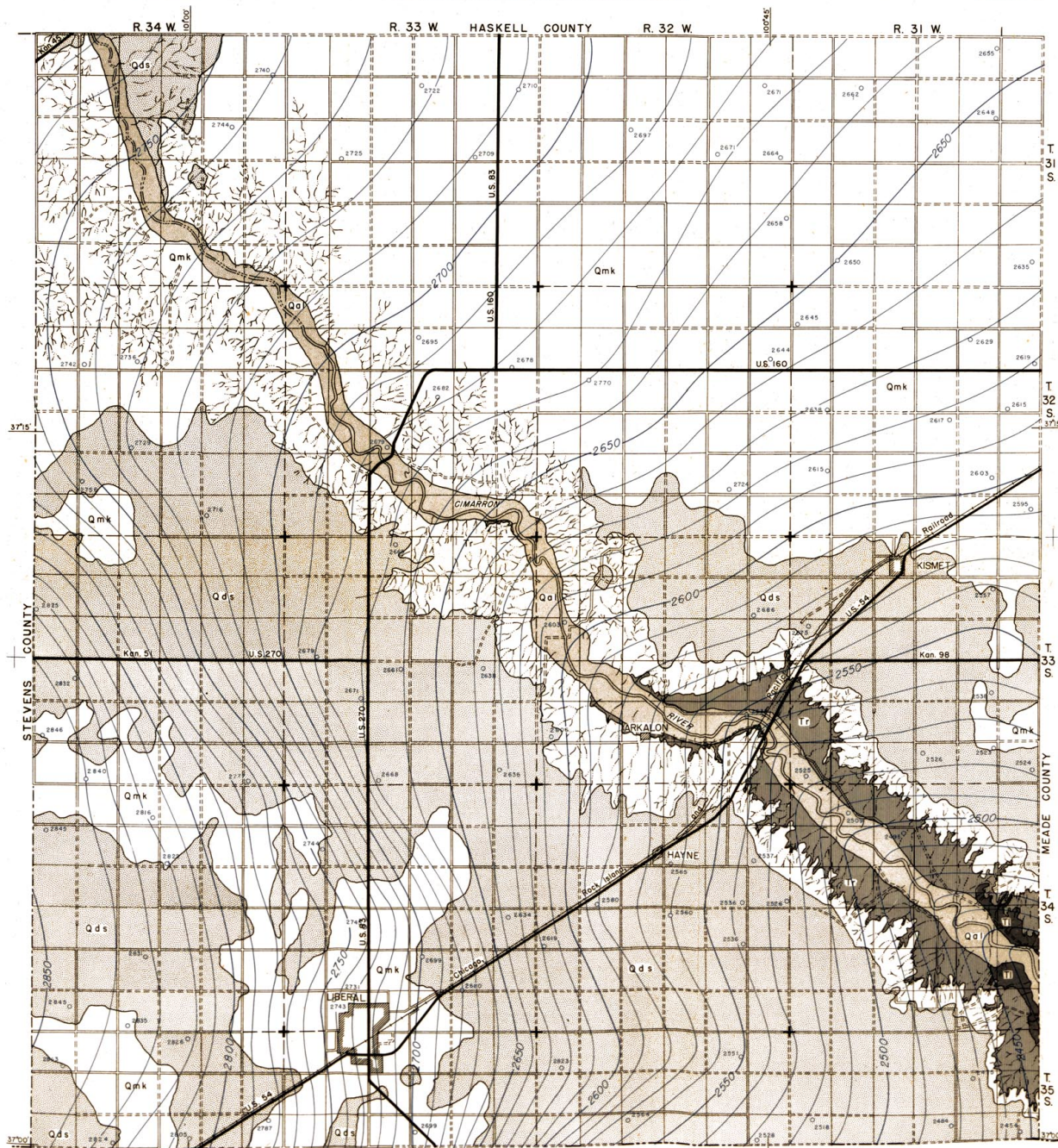
State Geological Survey
of Kansas

Showing Geology and Water-Table Contours, 1940

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Plate 1



EXPLANATION



Alluvium
Gravel, sand, and silt. Yields moderate quantities of water to domestic and stock wells.



Dune sand
Fine yellow sand. Sand dunes are above the water table and do not yield water to wells. Important catchment areas for recharge of the ground-water reservoir.



Meade and Kingsdown formations
Sand, gravel, silt, clay, and caliche. Lower part of Meade supplies water to a few domestic and stock wells.



Resroad (?) formation
Sand, gravel, silt, clay, and caliche. Yields moderate to abundant supplies of water to domestic, stock, municipal, and industrial wells in Seward county.



Laverne formation
Shale, clay, sand, gravel, caliche, and limestone. Yields moderate supplies of water to a few wells in southeastern Seward county and to deep wells in other parts of the county. Important potential source of ground water.

Contour interval 10 feet

— 2500 — Water-table contours based on instrumental levels

○ 2496 Well location. Number refers to altitude of water level

— Federal or State highway

— Graded road

— Ungraded road

— Section line (no road)

— Township line (no road)

— Railroad

— Perennial stream

— Intermittent stream

RECENT
QUATERNARY

PLEISTOCENE
QUATERNARY

PLEISTOCENE
TERTIARY OR
QUATERNARY

RECENT
QUATERNARY

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TERTIARY OR
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