MAP OF RAWLINS COUNTY, KANSAS

Showing Geology, Water-Table Contours, Depth to Water in Wells, and Test Holes

State Geological Survey of Kansas

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Plate 1

EXPLANATION

QUATERNARY

PLEISTOCENE

Qtu — Alluvium and undifferentiated Terrace Deposits
Consists of silt and clay in the upper part, and sand and gravel in the lower part. Yields moderate to large quantities of water to wells along parts of Beaver and Sappa Creeks.

Qtc — Crete sand and gravel member
Consists of fine to medium gravel and minor amounts of silt and clay. Yields moderate to large quantities of water to wells.

Qs — Sanborn formation
Consists of yellow or tan to reddish-brown silt. Lies above the water-table and does not yield water to wells.

CRETACEOUS TERTIARY

PLIOCENE

Tp — Ogallala formation
Consists of sand, gravel, and silt; contains minor amounts of volcanic ash and quartzite. Yields moderate to large quantities of water to wells.

GULFIAN

Kp — Pierre shale
Consists of dark-gray to black shale; contains minor amounts of bentonite and gypsum. Is not known to yield water to wells in Rawlins County.

3140 — Water table contours based on instrumental levels

Contour interval 20 feet

3128 / 167 — Well location. Upper number refers to altitude of water level. Lower number refers to the depth to water level below land surface.

- Spring
- Domestic and stock wells
- Public supply well
- Irrigation well
- Test hole
- Railroad well
- Deposit of Pearlette volcanic ash

- Federal or State Highway
- Graded road
- Ungraded road
- Railroad
- County line (no road)
- Township line (no road)
- Section line (no road)
- Intermittent stream

R. 36 W. R. 35 W. R. 34 W. R. 33 W. R. 32 W. R. 31 W.

T 1 S. T 2 S. T 3 S. T 4 S. T 5 S.

BEARDSLEY · BLAKEMAN · ATWOOD · LUDELL · HERNDON · MCDONALD · CHARDON · ACHILLES · CHICAGO, BURLINGTON & QUINCY · U.S. 36 · KAN. 25

Base compiled from maps prepared by the Soil Conservation Service

0 1 2 3 4
SCALE IN MILES

Drainage from map prepared by U. S. Dept. of Agriculture