

MAP OF MARSHALL COUNTY, KANSAS

Showing the Location of Wells and Test Holes

for which Records are given, and Ground-Water Regions

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1951

Bulletin 106

Plate 3

State Geological Survey
of Kansas

R 6 E

R 7 E

R 8 E

R 9 E

R 10 E

EXPLANATION

- Domestic and stock wells
- ⊕ Public supply well
- ⊕ Industrial well
- ⊕ Air-conditioning well
- Test hole

Upper number is the depth to water level below land surface, in feet. Lower number is the depth of well below land surface, in feet.
Brackets indicate that water analysis is given.

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

Ground-Water Regions

Glacial till and associated deposits are the principal aquifers in these regions. Depths of wells range from a few feet to as much as 200 feet. The quality and quantity of water are generally satisfactory for domestic and stock supplies.



Alluvium and terrace deposits yield moderate to large supplies of water to wells in these regions. The quality of water is satisfactory for most uses. Wells in these regions range in depth from a few feet to more than 70 feet.



Permian rocks overlying the Barneston limestone are the principal aquifers in these regions. Most wells within these regions yield only small quantities of water.



The Barneston limestone is the principal aquifer in these regions. Wells yield moderate quantities of generally good quality water.



Permian rocks underlying the Barneston limestone are the principal aquifers in these regions. Both the quality and quantity of water available are extremely variable from place to place.

