PRELIMINARY MAP

OF A PART OF

SOUTHEASTERN SOUTH DAKOTA

COMPRISING PORTIONS OF

HUTCHINSON, YANKTON, AND BONHOMME COUNTIES

SHOWING DEPTHS TO ARTESIAN WATERS

BY J.E. TODD

1899

Scale

1 0 1 2 3 4 5 MILES

Contour interval 20 feet

EXPLANATION

Depths to flow from Dakota sandstone

- LESS THAN 150 FEET
- 150 - 200 FEET
- 200 - 250 FEET
- 250 - 300 FEET
- 300 - 350 FEET
- 350 - 400 FEET
- 400 - 450 FEET
- 450 - 500 FEET
- 500 - 550 FEET
- 550 - 600 FEET
- 600 - 650 FEET (600 - 750 in portions of R.60 W.)
- 650 - 700 FEET (650 - 800 in portions of R.60 W.)

PLEISTOCENE ARTESIAN AREAS

NO FLOWING WELLS OBTAINABLE

ALTITUDE OF HEAD OF ARTESIAN WATERS IN DAKOTA SANDSTONE (Figures in blue give altitudes from observed pressure)

FLOWING WELLS IN DAKOTA SANDSTONE AND THEIR DEPTHS IN FEET

FLOWING WELLS FROM PLEISTOCENE DEPOSITS

WELLS NOT FLOWING, WITH DEPTHS OF WATER STRATUM

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