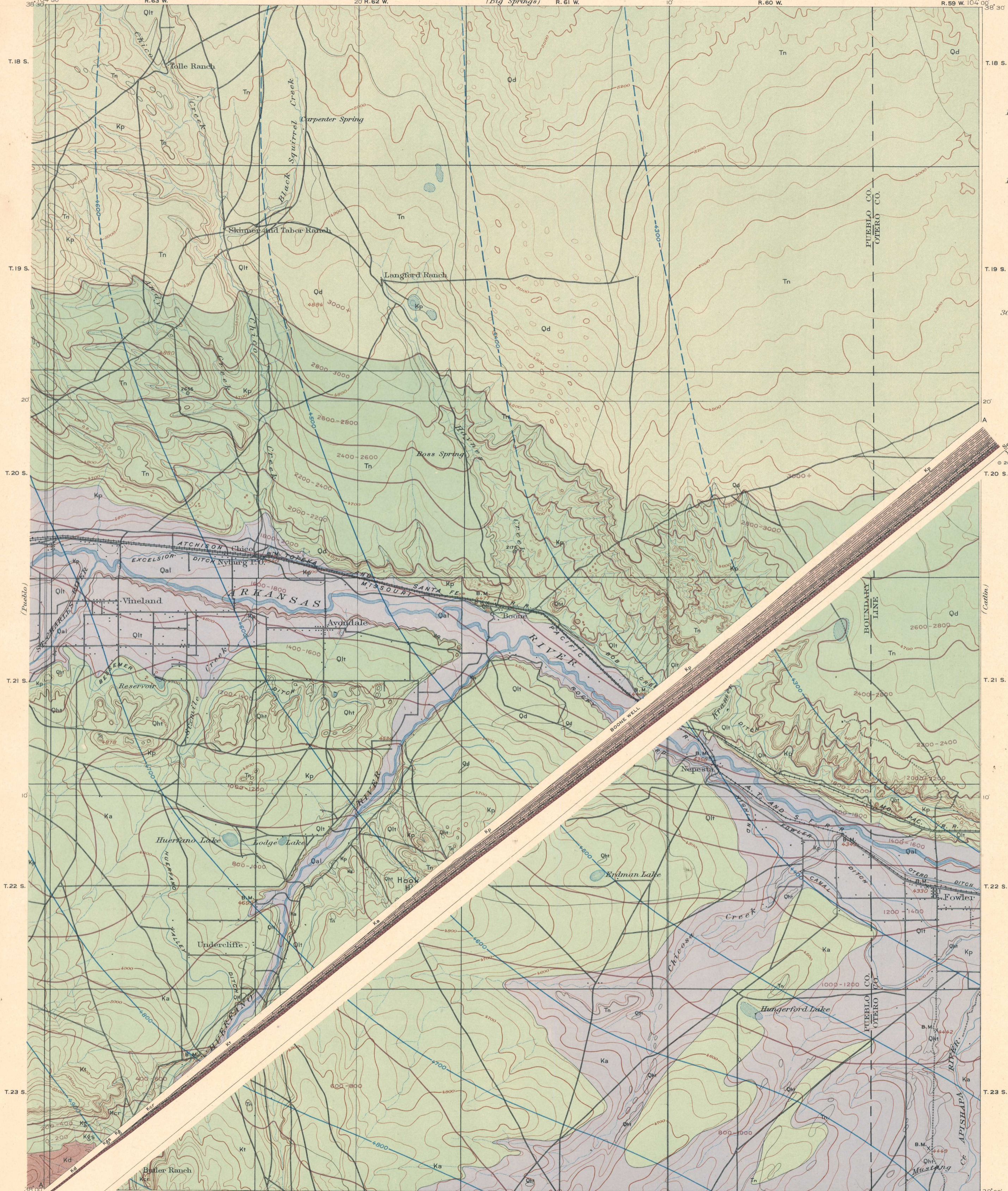


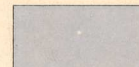
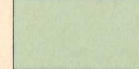
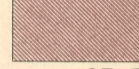
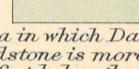
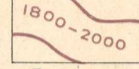
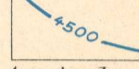
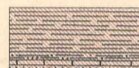
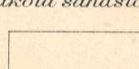
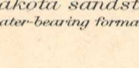
U.S. GEOLOGICAL SURVEY  
CHARLES D. WALCOTT, DIRECTOR

# ARTESIAN WATER

COLORADO  
NEPESTA QUADRANGLE



## LEGEND

-  Area underlain by Dakota sandstone which will probably yield flowing wells at less than 2000 feet depth
-  Area underlain by Dakota sandstone which will probably yield pumping wells at less than 3000 feet depth
-  Outcrop of Dakota sandstone (area in which surface waters enter water-bearing strata)
-  Area in which Dakota sandstone is more than 3000 feet below the surface
-  1800-2000  
Depth to artesian water (approximate depth to top of Dakota sandstone water may be expected at 20 feet below the top of the formation)
-  5500  
Artesian head (approximate altitude above sea to which artesian water may rise)
-  © 2855 Deep borings showing depth
-  Formations overlying Dakota sandstone
-  Dakota sandstone (water-bearing formation)

Note: Geologic boundary lines and letter symbols explained on Areal Geology map.

A.H. Thompson, Geographer.  
Willard D. Johnson, Topographer in charge.  
Topography and triangulation by J.W. Hays.  
Surveyed in 1889.  
Partially revised by Frank Tweedy in 1894  
and Fred McLaughlin in 1903.

Scale 1:250,000  
1 2 3 4 5 Miles  
1 2 3 4 5 Kilometers

Contour interval 25 feet.

Datum is mean sea level.  
Projection based on U.S.C. and G. Survey data of 1890.  
Projection of Pueblo and Apishapa sheets based on earlier data.

Edition of Jan. 1906.

Geology by Cassius A. Fisher,  
under the direction of N.H. Darton.  
Surveyed in 1903.