

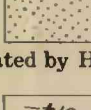
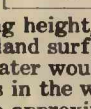



EXPLANATION

-  Area of artesian flow in winter of 1926-27
-  Area irrigated chiefly from artesian wells
-  Area irrigated by Hagerman Canal
-  Lines showing height, in feet above or below the land surface, to which the artesian water would rise in tightly cased wells in the winter of 1926-27, broken line approximate.
-  Well showing height to which water will rise with reference to the land surface
x Bench marks

Irrigation and artesian data by A. G. Fiedler
 Base compiled from U. S. Land Office plats,
 maps by Atchison, Topeka & Santa Fe Ry.,
 State highway maps, maps by
 county surveyors, and field notes

MAP OF ROSWELL ARTESIAN AREA SHOWING IRRIGATED AREAS AND HEIGHT ABOVE OR DEPTH BELOW LAND SURFACE TO WHICH ARTESIAN WATER WOULD RISE IN TIGHTLY CASSED WELLS