

EXPLANATION



Area of 10 to 20 feet decline in water level, March to September 1971.

5400

Water-level contour

Altitude, in feet, of water-level surface, September 1971. Dashed where approximately located. Contour interval is 10 feet. Datum is mean sea level.

Wells

Irrigation

Large diameter (≥ 12 inches) well without pumping equipment.

Industrial or municipal.

Stock or unused small diameter (< 12 inches) well.

Small diameter ($1\frac{1}{2}$ - $1\frac{1}{4}$ inches) well drilled for observation of water-level changes.

Graphic water-stage recorder installed on the well.

5408

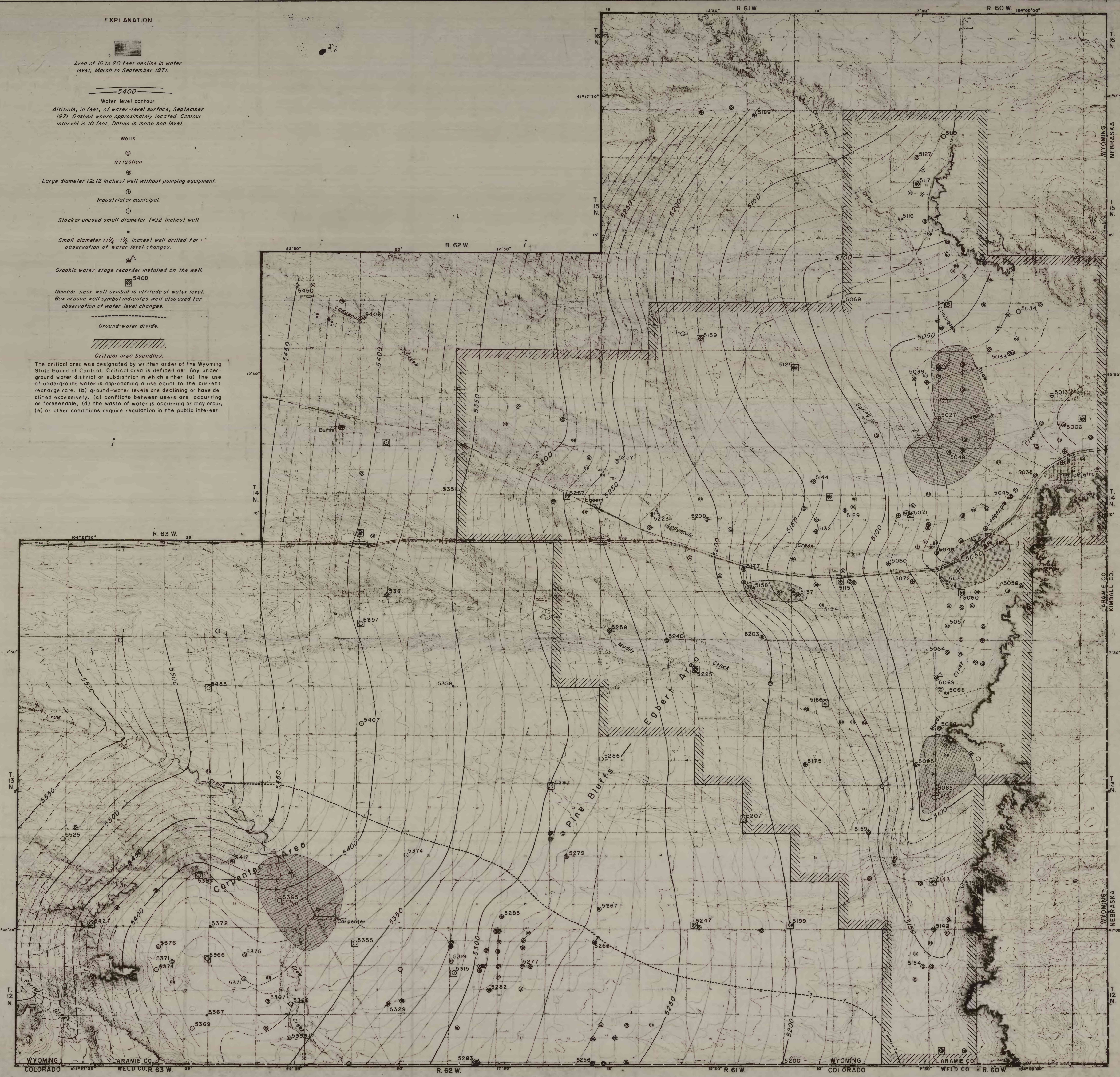
Number near well symbol is altitude of water level. Box around well symbol indicates well also used for observation of water-level changes.

Ground-water divide.



Critical area boundary.

The critical area was designated by written order of the Wyoming State Board of Control. Critical area is defined as: Any underground water district or subdistrict in which either (a) the use of underground water is approaching a use equal to the current recharge rate, (b) ground-water levels are declining or have declined excessively, (c) conflicts between users are occurring or foreseeable, (d) the waste of water is occurring or may occur, (e) or other conditions require regulation in the public interest.



Base reduced from U. S. Geological Survey topographic quadrangles, 1963.

0 5 1 2 3 4 Miles

Hydrology by William B. Borchert and Marvin A. Crist, 1971

TOPOGRAPHIC CONTOUR INTERVAL 10 FEET

Figure 7.--HYDROLOGIC MAP OF SOUTHEASTERN LARAMIE COUNTY, WYOMING