

R 72 W | R 71 W

EXPLANATION



Existing Land Use.--In 1979 about 80 percent of the quadrangle was rangeland, about 19 percent cropland, and about one percent residential. State Highway 59 trends roughly north-south through the central part. Mapping (except residential map units) is from Shown (1973). About 100 single-family homes were constructed in 1978 in the western half of sec. 13, and the northern third of sec. 24, T. 49 N., R. 72 W.

Rangeland is used to raise livestock, mainly cattle, in this area. Native vegetation is dominantly short to mid-grasses and minor amounts of big sagebrush (*Artemisia tridentata*). The perennial grasses used as forage by grazing stock include blue grama (*Bouteloua gracilis*), western wheatgrass (*Agropyron smithii*), needle-and-thread grass (*Stipa comata*), prairie junegrass (*Koeleria cristata*), sandberg bluegrass (*Poa serotina*), and bluebunch wheatgrass (*Agropyron spicatum*) (U.S. Soil Conservation Service, 1955). Threadleaf sedge (*Carex filifolia*), a soil-binding plant, is mixed with the grasses; various forbs occur in minor amounts. Rubber rabbitbrush (*Chrysothamnus nauseosus*), and prickly pear cactus (*Opuntia* sp.) occur locally in isolated parcels of overgrazed rangeland. Big sagebrush is sparse in the gently rolling central part and increases locally to about 10-25 percent of total vegetative cover. It grows mostly on toes and side slopes of hills, on moist rangelands, and rarely in abandoned farmland, for example in the upper valley of an unnamed tributary to Antelope Butte Creek in the northwest corner of the quadrangle.

Planted crops include winter wheat, oats, barley, and mixed alfalfa and crested wheatgrass (*Agropyron desertorum*). Some fields that were formerly cultivated using dry-farming methods have been abandoned and seeded to crested wheatgrass.



T 49 N
T 48 N

T 49 N
T 48 N

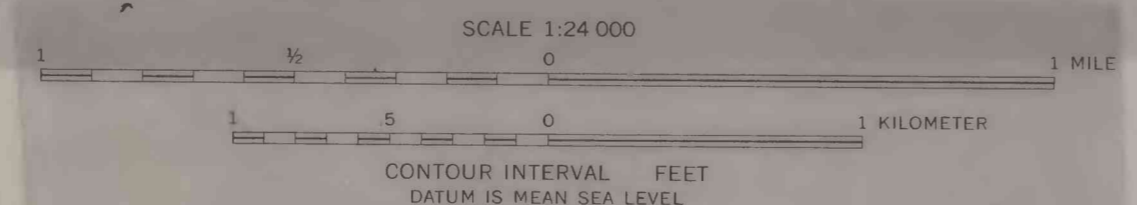
MAPS SHOWING NATURAL RESOURCES AND
EXISTING LAND USE OF THE GAP QUADRANGLE,
CAMPBELL COUNTY, WYOMING

By
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1979

105° 20'

R 72 W | R 71 W

44° 07' 30"
105° 21' 30"



MAP C.-Existing Land Use