

FIGURE 1. MAP SHOWING BEDROCK GEOLOGY

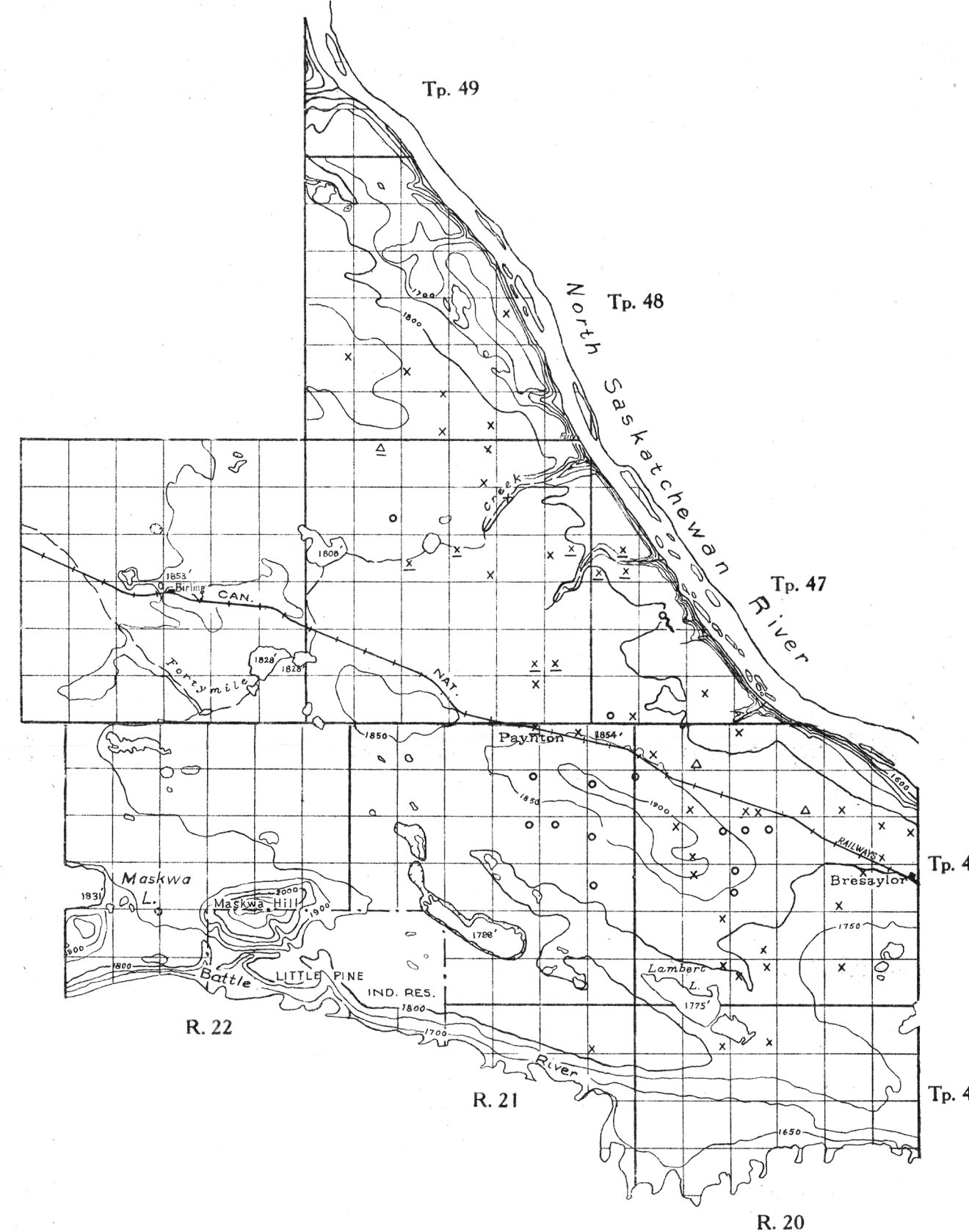


FIGURE 2. MAP SHOWING TOPOGRAPHY AND THE LOCATION AND TYPES OF WELLS

LEGEND

- CRETACEOUS
 UPPER CRETACEOUS
 BEARPAW FORMATION: dark shale, green sand; smooth chert pebbles and rounded nodules
- PALE AND VARIEGATED BEDS: white to light grey bentonitic sand, light to dark grey shale; brown ironstone nodules; thin coal seams
- BIRCH LAKE FORMATION: brownish and yellowish weathering sand and sandstone
- GRIZZLY BEAR FORMATION: dark grey shale
- RIBSTONE CREEK FORMATION: grey and greenish grey sand and sandstone, dark grey shale and sandy shale; thin coal seams
- LEA PARK FORMATION: dark grey shale with discontinuous bands of ironstone nodules; fine-grained sand and sandy shale member close to the top

NOTE: Only those formations that occur in this map-area are patterned in the legend. The other formations occur elsewhere in west-central Saskatchewan.

- Geological boundary (approximate)- - - - -
- Rock outcropx
- Bore-hole for oil and gasB.H.o

LEGEND

- WELL, CLASS 1: Flowing wells
- In Drift
 - In Bedrock
- WELL, CLASS 2: Wells in which the water is under pressure but does not rise to the surface
- In Drift
 - In Bedrock
- WELL, CLASS 3: Wells in which the water does not rise above the water-table
- In Drift
 - In Bedrock
- DRY HOLES
- In Drift
 - In Bedrock
- SPRING

NOTE: The above symbols apply to a larger region in west-central Saskatchewan, and may not all appear within the limits of this municipality.

- Forest Reserve boundary- - - - -
- Indian Reserve boundary- - - - -
- Height in feet above mean sea level2069'
- Contours, interval 50 feet2000'

WATER SUPPLY PAPER 251

RURAL MUNICIPALITY OF
 PAYNTON NO. 470
 SASKATCHEWAN

Scale: 1 inch to 3 miles

