

GEOLOGICAL SURVEY

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

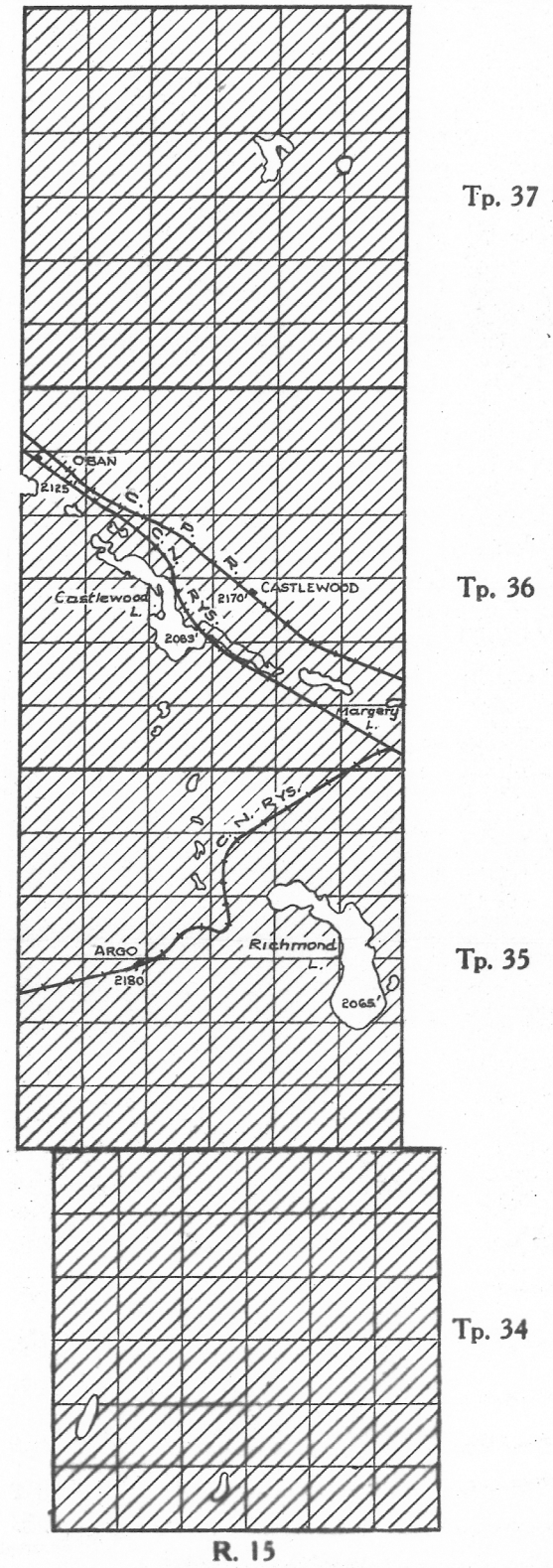


FIGURE 1. MAP SHOWING BEDROCK GEOLOGY

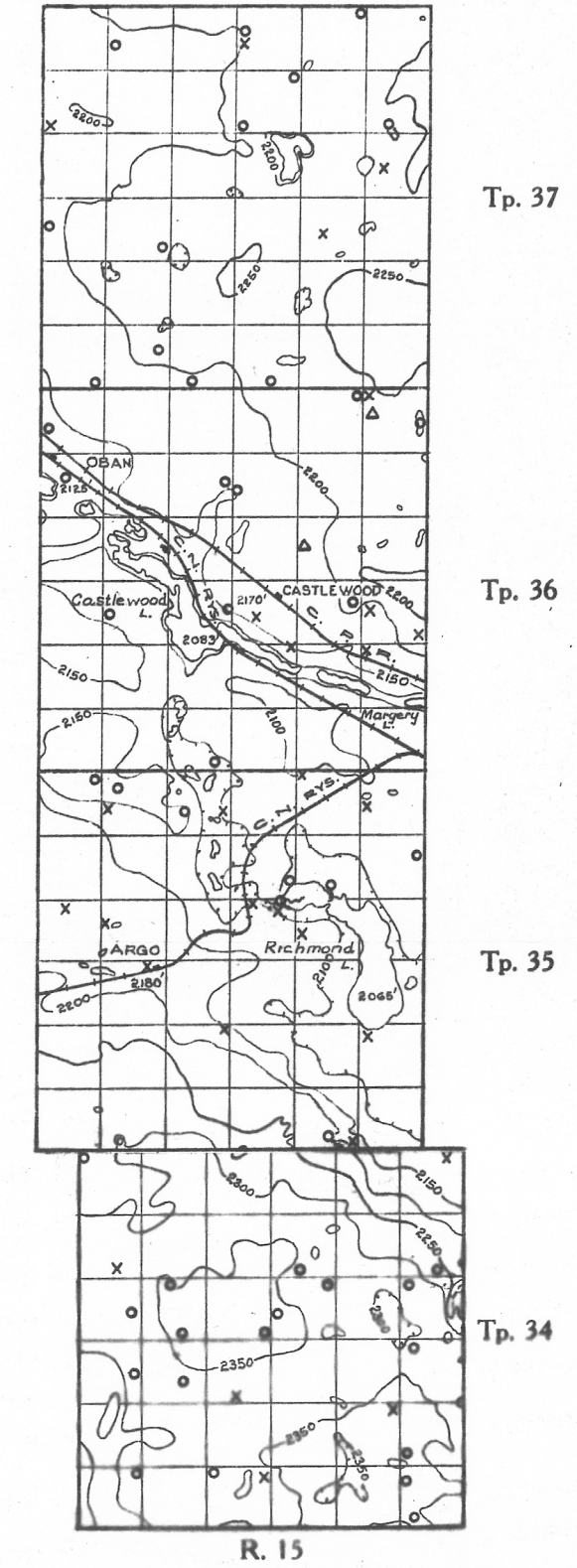


FIGURE 2. MAP SHOWING TOPOGRAPHY AND THE LOCATION AND TYPES OF WELLS

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 level2000
- Contours, interval 50 feet2000

WATER SUPPLY PAPER 227
WEST PART OF RURAL MUNICIPALITY OF
BIGGAR NO. 347
SASKATCHEWAN

Scale: 1 inch to 3 miles

