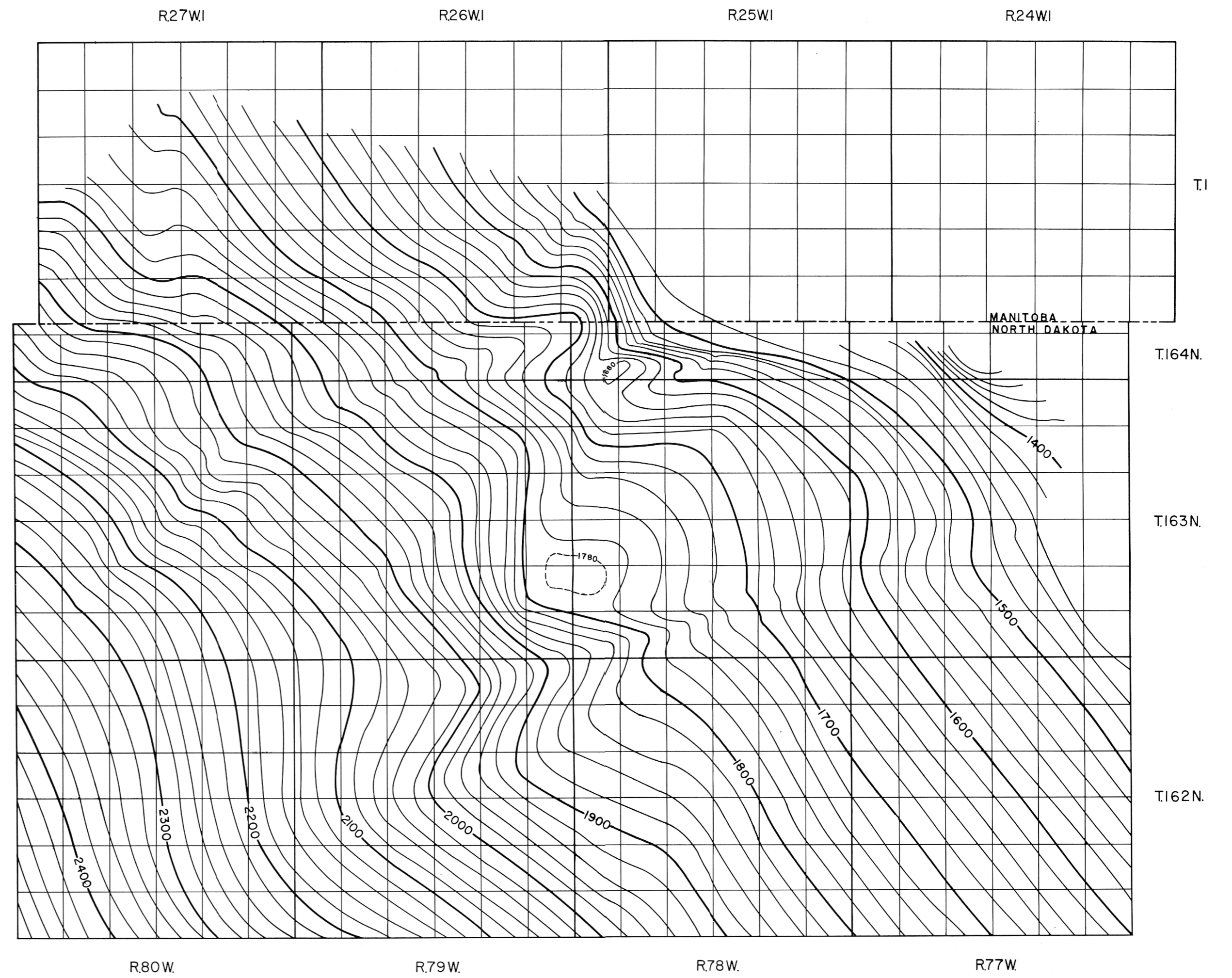




ISOPACH MAP
SPEARFISH FORMATION
CONTOUR INTERVAL 10 FEET

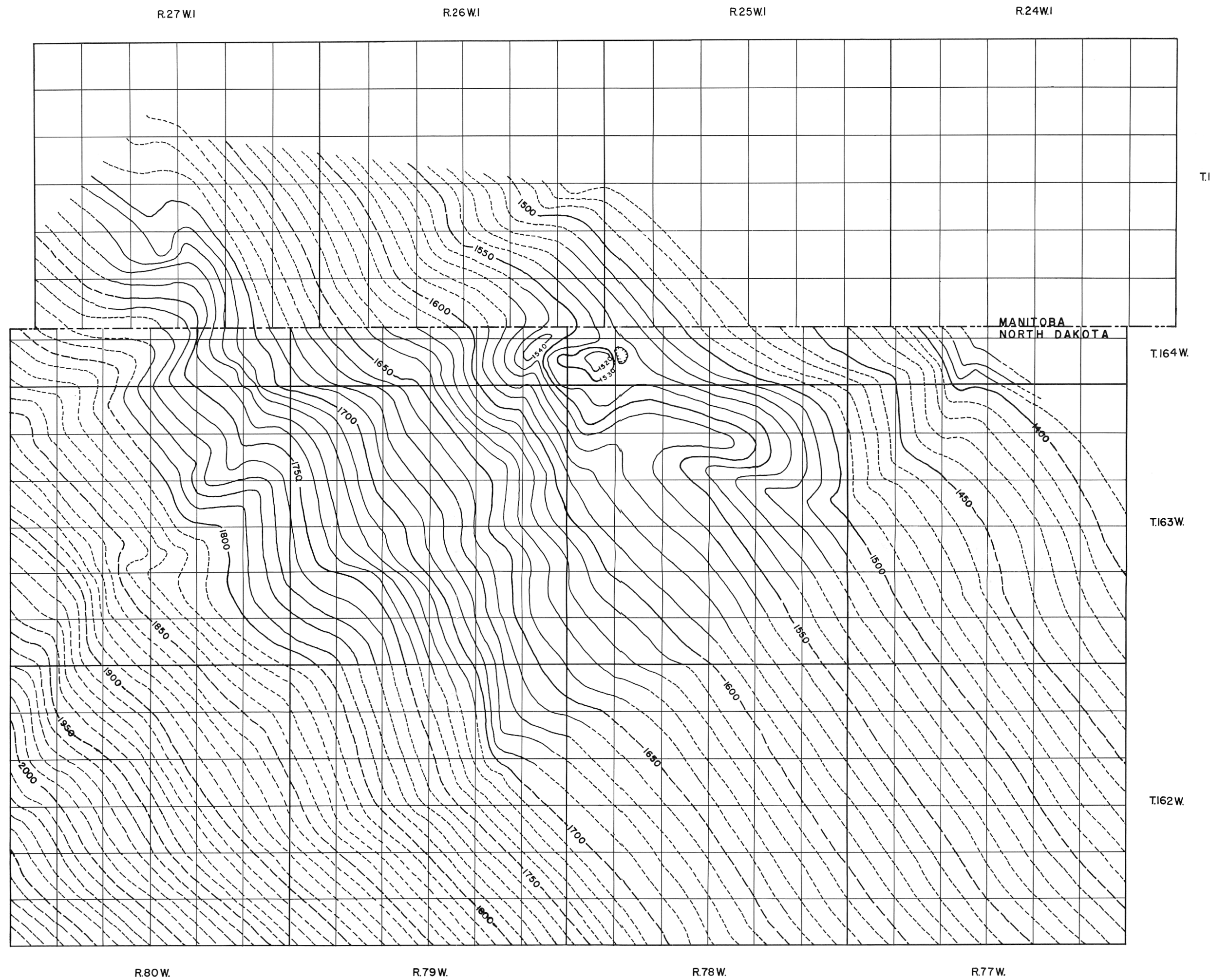
Figure 4



STRUCTURE CONTOUR MAP
MISSION CANYON FORMATION
TOP OF MIDDLE ANHYDRITE
CONTOUR INTERVAL 20 FEET

Elevations are below sea level

Figure 5

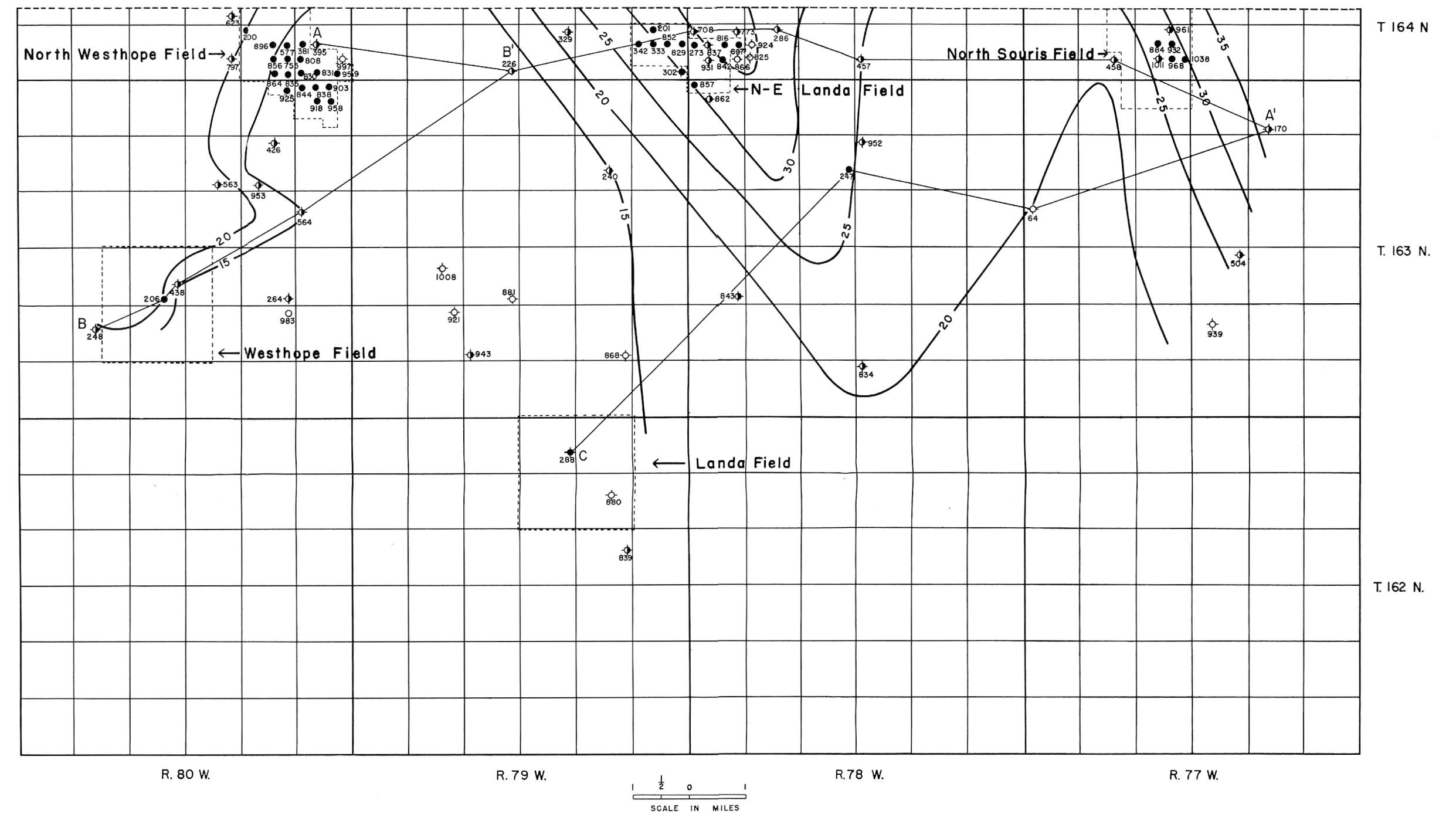


CONTOURS ON PALEOZOIC EROSIONAL SURFACE

Elevations are below sea level

CONTOUR INTERVAL 10 FEET

Figure 6



POROSITY MAP OF 100 FOOT INTERVAL BELOW POST MISSISSIPPIAN UNCONFORMITY

Contour Interval 5 Isopors - Higher numbers indicate better porosity

Figure 7