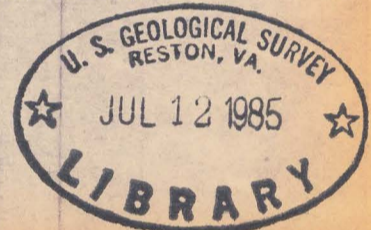
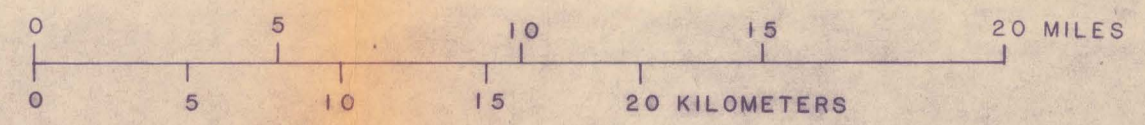


- EXPLANATION**
- ROCKS YOUNGER THAN TENSLEEP SANDSTONE
 - TENSLEEP SANDSTONE AND OLDER ROCKS
 - CONTACT
 - APPROXIMATE LOCATION OF AXIAL PLANE OF ANTICLINE
 - APPROXIMATE LOCATION OF AXIAL PLANE OF SYNCLINE
 - APPROXIMATE LOCATION OF AXIAL PLANE OF MONOCLINE
 - FAULT--D, downthrown side; U, upthrown side
 - OIL-TEST WELL--Number denotes altitude of potentiometric surface, in feet above sea level, and year when well was tested
 - WELL COMPLETED IN MADISON-BIGHORN AQUIFER --Number denotes altitude of potentiometric surface, in feet above sea level
 - WELL COMPLETED IN TENSLEEP SANDSTONE AND MADISON-BIGHORN AQUIFER OR AMSDEN FORMATION, OR BOTH--Number denotes altitude of potentiometric surface, in feet above sea level
 - SPRING--Number denotes altitude, in feet above sea level
 - POTENTIOMETRIC CONTOUR--Showing altitude at which water level would have stood in tightly cased wells, 1978. Dashed where approximately located. Contour interval 100 feet. Datum is sea level.



Base from U.S. Geological Survey
1:250,000 quadrangles, Sheridan,
1962, and Arminto, 1973.

Geologic contacts from Lowry and others (1976).



MAP SHOWING THE 1978 POTENTIOMETRIC SURFACE OF THE MADISON-BIGHORN AQUIFER, TEN SLEEP AREA OF THE BIGHORN BASIN, WYOMING.