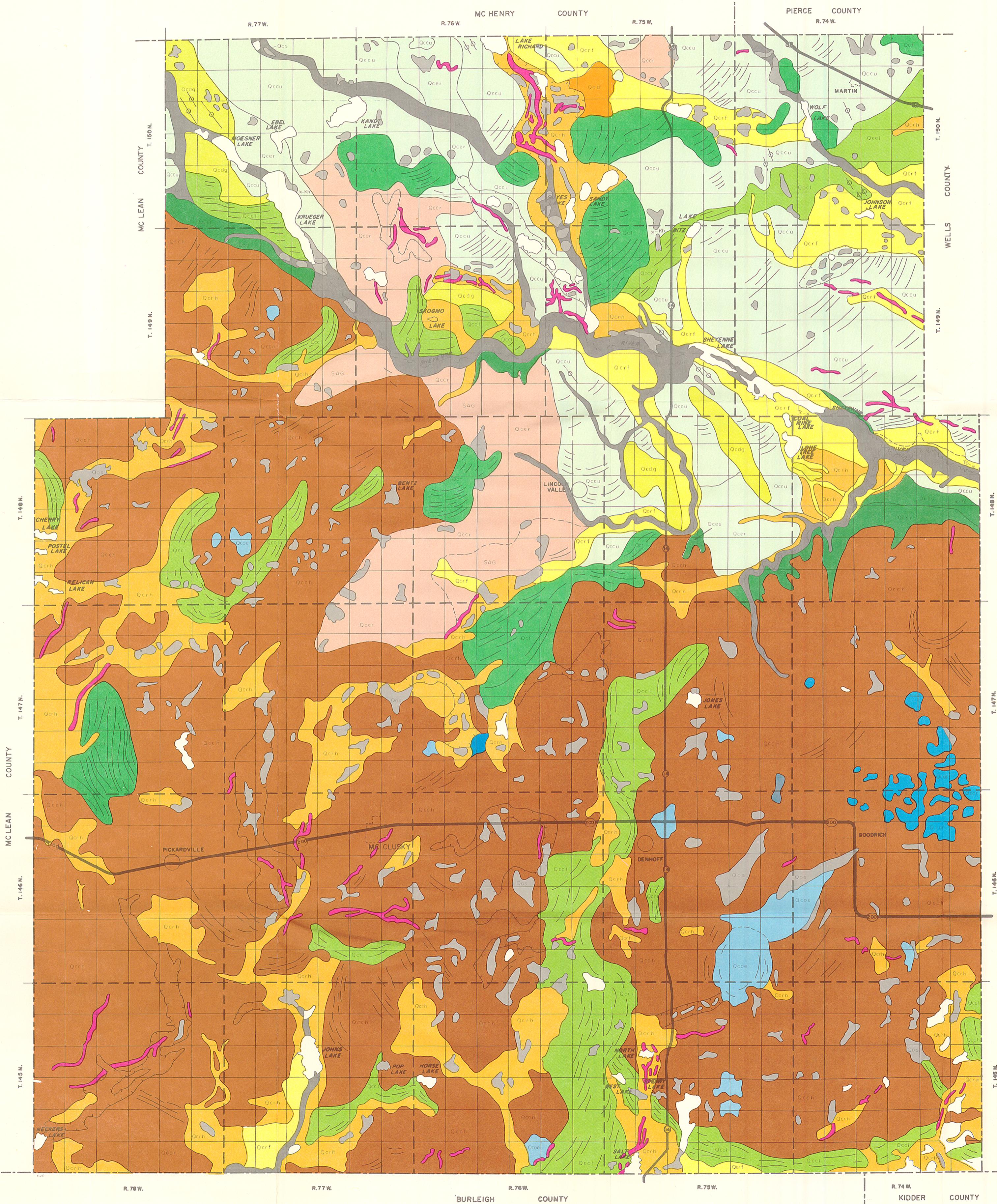


PLATE 1.- GEOLOGIC MAP OF SHERIDAN COUNTY



LEGEND

See text for a more complete explanation of map units.

ROCK UNITS	DESCRIPTION
FORMATION AND FACIES	
Symbol	Texture, color, topography or landform, and origin.
OAHE FORMATION	
Qo	Clay, sand, silt, and gravel with dispersed organic material.
Clay Facies	Qos
Silt and Sand Facies	Qsi Qod
COLEHARBOR GROUP	
Qc	Pebby, sandy, silty clay with limestone, dolomite, granite, gneiss, and basalt pebbles and associated nonorganic, bedded clay, silt, sand, and gravel.
Silt and Clay Facies	Qce Qco
Sand and Gravel Facies	Qrf Qrh
Till Facies	Qccu Qcer Qech Qcll Qcdg Qct Qcc Qods Qer
CANNONBALL FORMATION	Te
HELL CREEK FORMATION	Kh

Map Symbols

- Geologic contacts.
- Ridges in areas of till. In areas with gently undulating to undulating surfaces (Qccu) the lines represent washboard ridges. In areas of ice-thrust materials (Qct) the lines represent linearity along thrust ridges. Elsewhere (Qch, Qcll), the lines may represent thrust slabs or otherwise ill-defined linearity.
- Kettle chain. Areas of lower elevation containing numerous lakes and sloughs. May reflect earlier drainage routes.
- Streamlined, drumlin-like features in areas of till.
- Contact between areas of differing elevation (separates terrace levels, differing levels in elevated lake plains (Qco), or other topographic or physiographic features).
- Broad, low reentrant in the Missouri Escarpment in the Lincoln Valley area. Probably reflects a major preglacial valley.
- Ponds and lakes.
- Roads.

PLATE 2.- MAP OF THE BEDROCK SURFACE IN SHERIDAN COUNTY

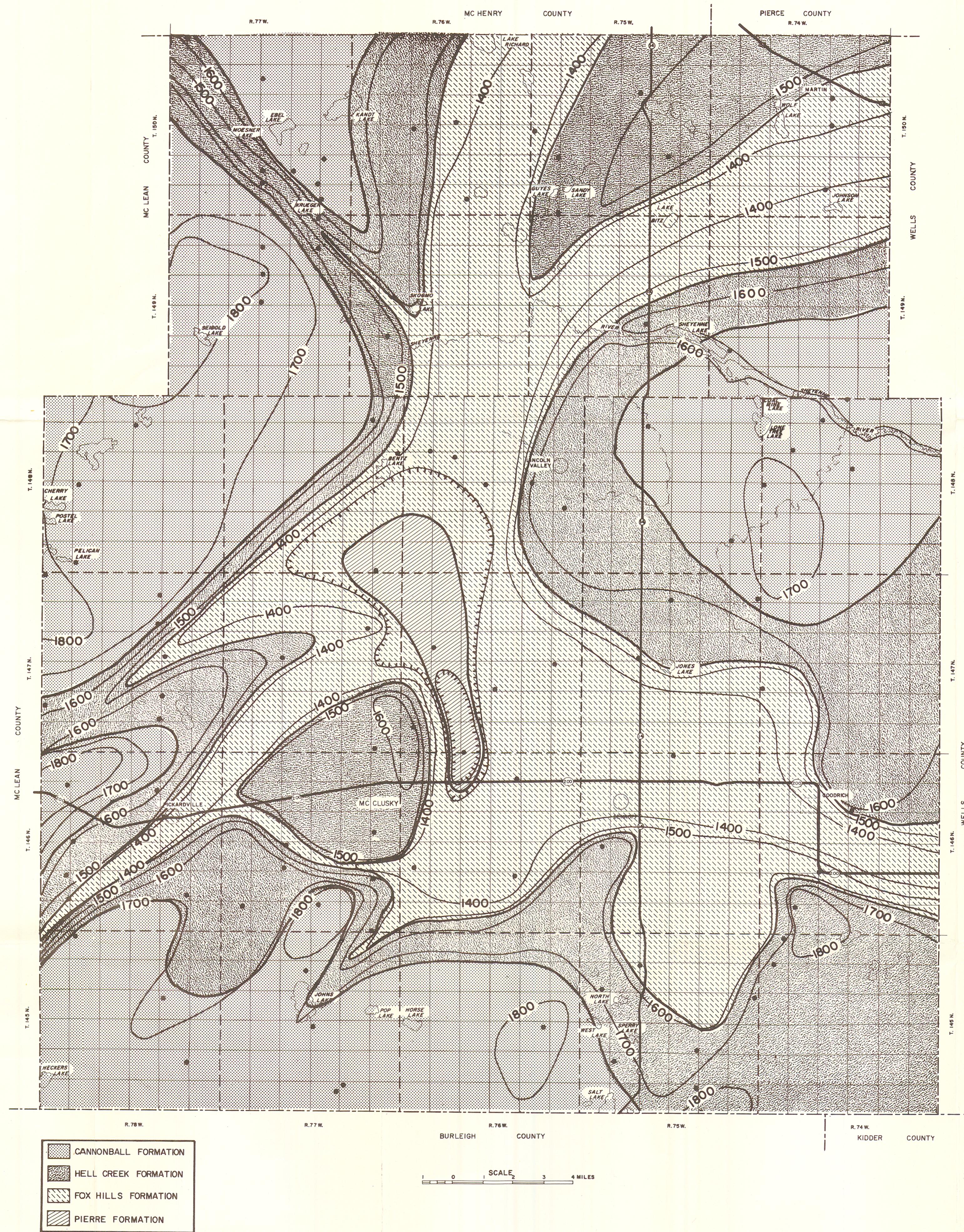


PLATE 3. - GEOLOGIC CROSS - SECTIONS THROUGH SHERIDAN COUNTY

