



**POTENTIAL YIELD OF WELLS TAPPING UNCONSOLIDATED DEPOSITS**

**EXPLANATION**

<p>Potential yield (Gallons per minute)</p> <p>Less than 50.</p> <p>50 to 500.</p> <p>More than 500 (Depth to water more than 100 feet)</p> <p>More than 500 (Depth to water less than 100 feet)</p> <p>Water table discontinuous or data not adequate for mapping.</p>	<p>Outcrop of bedrock.</p> <p>Bedrock west of Liberal mostly of Mesozoic age and generally yields less than 50 gallons per minute to wells. Wells tapping the Dakota Sandstone may yield as much as 300 gallons per minute; wells tapping the Cheyenne Sandstone or equivalent may yield more than 500 gallons per minute. Bedrock east of Liberal mostly of Permian age and generally yields only a few gallons per minute to wells.</p> <p>Limit of Dakota Sandstone. Ticks point in direction of the sandstone.</p> <p>Limit of Cheyenne Sandstone or equivalent. Ticks point in direction of the sandstone.</p>
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