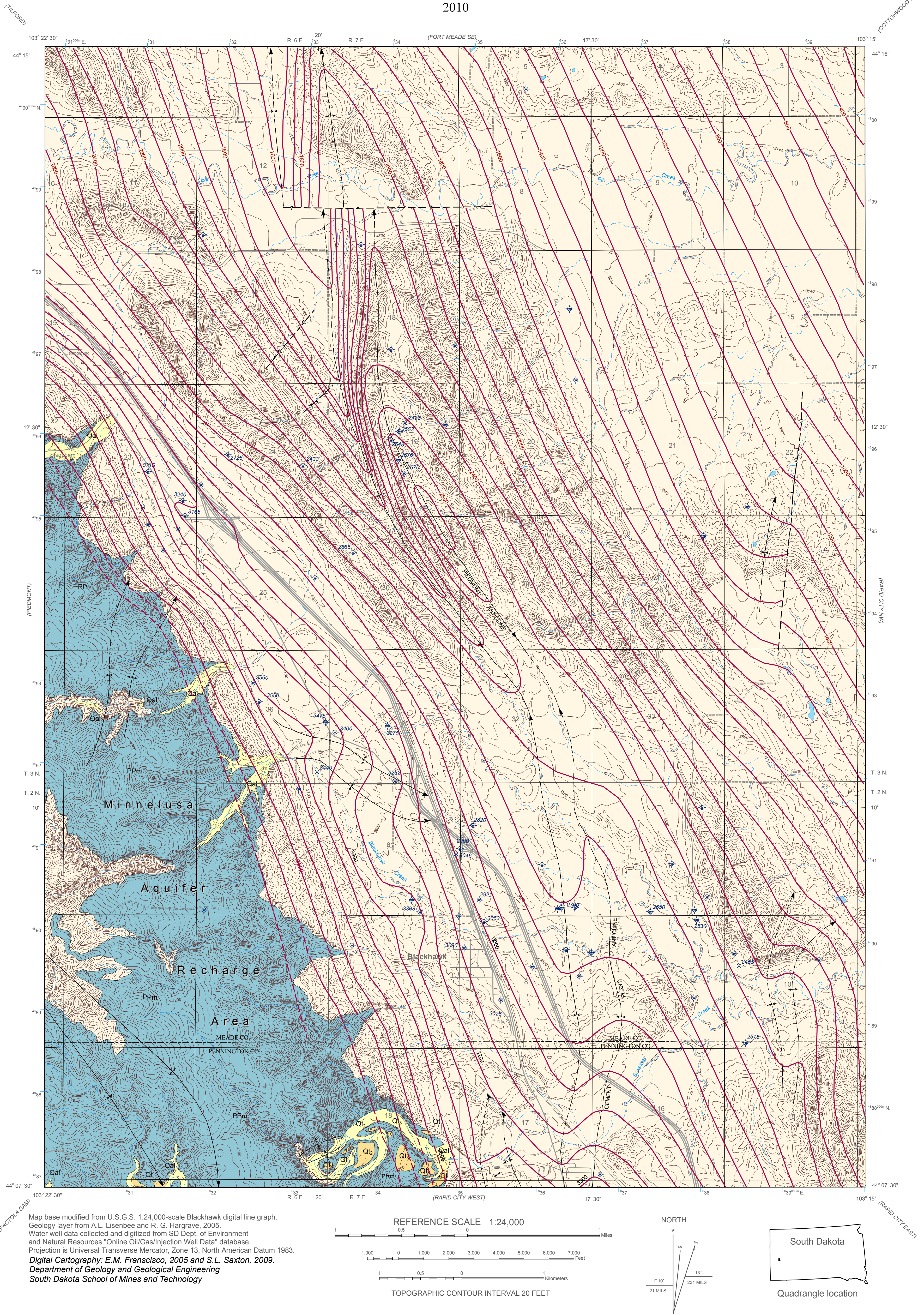


Structural Contour Map, Top of Minnelusa Formation, Blackhawk Quadrangle

By
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EXPLANATION

Structural Contours

Structural contours mark lines of equal elevation of the top of a geological formation. The contours help to define unseen folds and faults present below the land surface. Dashed where projected above surface. Number indicates elevation above sea level.

Structural Contour on top of Minnelusa Formation

Structural Contour Interval 100 feet

- 2643 Wells penetrating Minnelusa aquifer
Number indicates elevation of top of Minnelusa Fm. in feet
- Trail
 - Unimproved Road
 - Paved Road
 - Highway
 - Interstate
 - Railroad
 - Lake
 - Intermittent Stream
 - Perennial Stream

- Contact
Solid where location certain; dashed where approximately located.
- Fault
Solid where location certain; dashed where approximately located; queried where uncertain. Bar and ball on downthrown side.
- Anticline
Showing crestline and direction of plunge. Solid where location certain; dashed where approximately located.
- Syncline
Showing troughline and direction of plunge. Solid where location certain; dashed where approximately located.
- Monocline - Anticlinal bend
Axis located on steepest part of structure. Solid where location certain; dashed where approximately located.
- Monocline - Synclinal bend
Axis located on steepest part of structure. Solid where location certain; dashed where approximately located.

Geologic Units

Quaternary

Qal

Surficial Deposits
Includes alluvium (Qal)

Qt

Surficial Deposits
Includes terrace deposits (Qt, Qt₂, Qt₃)

Unconformity

PPm

Minnelusa Formation - Recharge Area
Beige, white, and gray colored unit dominated carbonates and anhydrite with an upper sandstone unit.

Minnelusa Formation Absent

Minnelusa Formation Present in Subsurface