Schematic Isopach Map of Basin-Fill Deposits, Cedar Valley, Utah County, Utah
by Hugh A. Hurlow

Explanation

Contour showing thickness of basin-fill deposits, in feet; variable intervals

Wells

Well used to constrain thickness of unconsolidated deposits - see table C.1; number corresponds to ID in table C.1
Petroleum exploration well - plugged and abandoned (table C.2)

Faults

Normal - dashed where inferred or approximately located, dotted where concealed; ball and bar on downthrown side
Thrust - teeth on upper plate
Strike-slip or oblique-slip - arrows show relative sense of horizontal displacement
Displacement sense uncertain; dashed where inferred or approximately located

Folds

Anticline, showing plunge direction
Syncline, showing plunge direction

A - A' Cross section - 1:100,000, true-scale (plate 2)
E - E' Cross section - 1:24,000, 10x vertical exaggeration, showing basin fill (plate 3)

Geologic Units

- Basin fill and other surficial deposits
- Tertiary sedimentary and volcanic rocks
- Paleozoic and late Proterozoic sedimentary rocks

Surface drainage divide
Contact

1:100,000
Contour Interval = 50 Meters

GIS and Cartography by Matt Butler
Base map from U.S. Geological Survey
Rock Valley, Provo, Lyndyl, and Nephi
10 x 10 minute quadrangles
Projection: UTM Zone 12
Units: Meters
Datum: 1983 North American
Spherical: Clarke 1866