GEOLOGIC MAP OF THE ACOMA PUEBLO QUADRANGLE,
VALENCIA COUNTY, NEW MEXICO

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GEOLOGIC QUADRANGLE MAP
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**GEOLOGIC MAP SYMBOLS**

**COMMONLY USED ON MAPS OF THE UNITED STATES GEOLOGICAL SURVEY**

(Special symbols are shown in explanation)

- **Contact** - Dashed where approximately located; short dashed where inferred; dotted where concealed
- **Fault** - Dashed where approximately located; short dashed where inferred; dotted where concealed
- **Fault, showing dip** - Ball and bar on downthrown side
- **Normal fault** - Hachured on downthrown side
- **Fault - Showing relative horizontal movement**
- **Thrust fault** - Sawteeth on upper plate
- **Anticline** - Showing direction of plunge; dashed where approximately located; dotted where concealed
- **Asymmetric anticline** - Short arrow indicates steeper limb
- **Overturned anticline** - Showing direction of dip of limbs
- **Synecline** - Showing direction of plunge; dashed where approximately located; dotted where concealed
- **Asymmetric synecline** - Short arrow indicates steeper limb
- **Overturned synecline** - Showing direction of dip of limbs
- **Monocline** - Showing direction of plunge of axis
- **Minor anticline** - Showing plunge of axis
- **Minor syncline** - Showing plunge of axis

*Note: planar symbols (strike and dip of beds, foliation or schistosity, and cleavage) may be combined with linear symbols to record data observed at same locality by superimposed symbols at point of observation. Coexisting planar symbols are shown intersecting at point of observation.*

- **Shafts**
  - Vertical
  - Inclined
  - Accessible
  - Inaccessible
  - Prospect
  - Quarry
  - Active
  - Abandoned
  - Gravel pit
  - Active
  - Abandoned
  - Oil well
  - Drilling
  - Shut-in
  - Dry hole
  - Gas
  - Show of gas abandoned
  - Oil
  - Show of oil