

WELLS DRILLED TO BASEMENT IN OKLAHOMA

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EXPLANATION

Structural Boundaries

- Major faults, exposed at, or interpreted to occur at the surface. Hachures shown on relatively downthrown block. Overthrust faults identified with solid bars on hanging wall block. Arrows indicate relative horizontal movement.
- Major subsurface faults. Hachures shown on relatively downthrown block. Overthrust faults identified with open bars on hanging wall block.
- Plunge of subsurface structure

Stratigraphic/Structural Boundaries

- Surface contact between rock units. May be approximated or locally generated
- Buried contact, structural contour, or structural trend
- Change in rate of thickness of strata or generalized structural trend

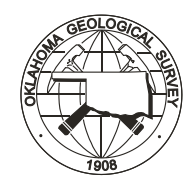
Geologic Provinces

- Basement-Rooted Uplifts
- Detachment Uplift
- Deep Basins
- Shelves/Shallow Basins

Well Data Points

- Basement data point
- Basement data point with penetration of sedimentary rocks below an interval of basement penetration.

Geologic Provinces adapted from Open-File 5-95, Northcutt and Campbell, 1995.



OKLAHOMA GEOLOGICAL SURVEY
Charles J. Mankin, Director

