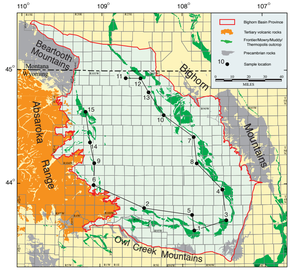
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

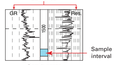


Index map showing the limits of the Bighorn Basin, major structural features, sample locations, and line of cross section. Numbers refer to sampled well locations in column 1 in table 1.

EXPLANATION

- Marine, marginal marine, or coastal sandstone or siltstone
- Siliceous marine shale in the upper part of the Mowry Shale
- Estuarine, fluvial, or marginal marine sandstone, undifferentiated
- Nonsiliceous shale, calcareous shale, sandy shale, or silty shale of offshore or prodelta origin
- Laminated siltstone, shale, and minor amounts of sandstone that accumulated in tidal flats

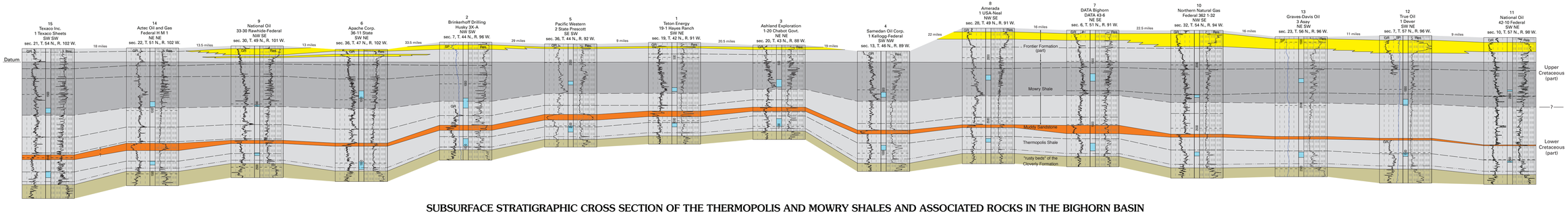
Log type



GR Gamma ray
Res. Resistivity
SP Spontaneous potential

Formation and (or) lithologic contact

Locally correlatable horizon or marker bed



SUBSURFACE STRATIGRAPHIC CROSS SECTION OF THE THERMOPOLIS AND MOWRY SHALES AND ASSOCIATED ROCKS IN THE BIGHORN BASIN

By
Thomas M. Finn

2010