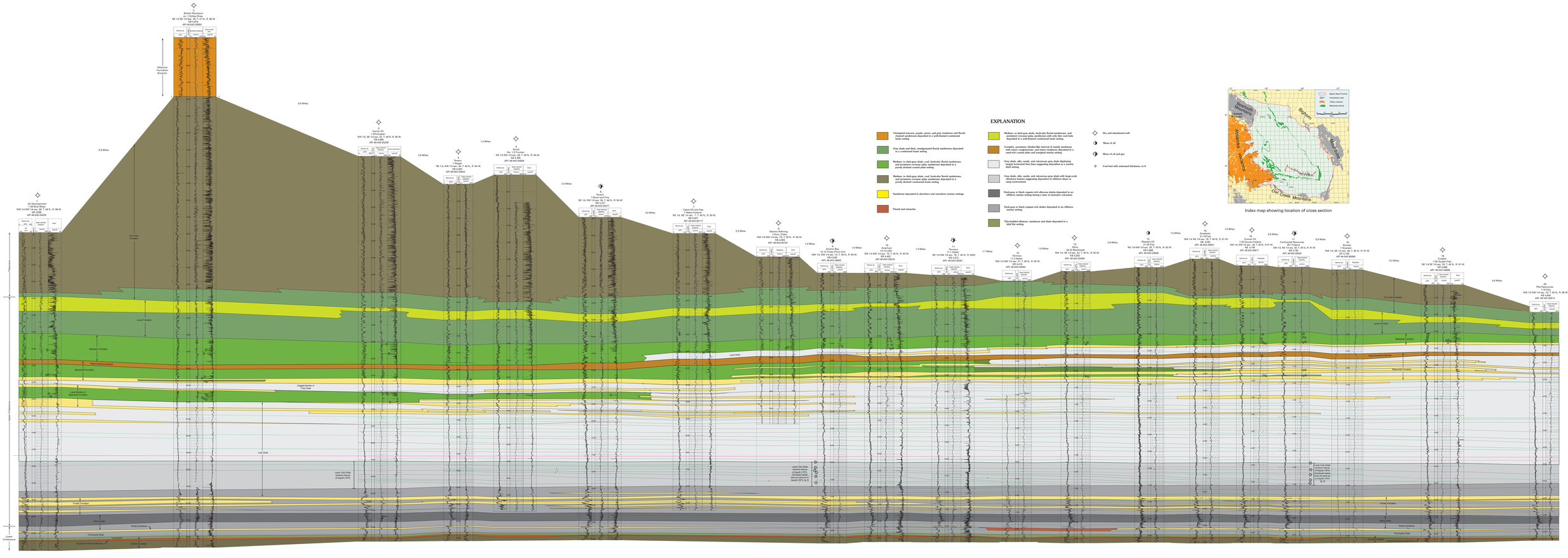

EXPLANATION

- Variegated maroon, purple, green, and gray mudstone and fluvial channel sandstones deposited in a well-drained continental basin setting
- Gray shale and thick, amalgamated fluvial sandstones deposited in a continental basin setting
- Mudstone- to dark-gray shale, coal, lenticular fluvial sandstones, and persistent crevasse splay sandstones deposited in a poorly drained coastal plain setting
- Mudstone- to dark-gray shale, coal, lenticular fluvial sandstones, and persistent crevasse splay sandstones deposited in a poorly drained continental basin setting
- Sandstone deposited in shoreface and nearshore marine settings
- Fluvial and estuarine
- Mudstone- to dark-gray shale, lenticular fluvial sandstones, and persistent crevasse-splay sandstones with only thin coal beds deposited in a well-drained continental basin setting
- Complex, persistent, blanket-like interval of mainly sandstone with minor conglomerate, and minor mudstone deposited in a sand-rich coastal plain and marginal marine setting
- Gray shale, silty, sandy, and calcareous gray shale displaying largely horizontal time lines suggesting deposition in a marine shelf setting
- Gray shale, silty, sandy, and calcareous gray shale with large-scale clinoform bottom suggesting deposition in offshore slope or ramp environment
- Dark-gray to black organic-rich siliceous shales deposited in an offshore marine setting during a time of extensive volcanism
- Dark-gray to black organic-rich shales deposited in an offshore marine setting
- Thin-bedded siltstone, sandstone and shale deposited in a tidal flat setting

- Dry and abandoned well
- Show of oil
- Show of oil and gas
- Coal bed with estimated thickness, in ft

Index map showing location of cross section

DETAILED WEST TO EAST CROSS SECTION OF UPPER CRETACEOUS AND LOWER TERTIARY ROCKS, SOUTHERN BIGHORN BASIN, WYOMING

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