

B West

East



Explanation

- Oil recovered in drill stem test
- ⊠ Trace oil in drill stem test
- ⊕ Oil "bleeding" from core
- ▲ Stain—Good
- △ Stain—Fair
- ◆ Oil show
- ◇ Oil show—Slight
- Visible oil cut
- Fluorescence—Bright, Cut fluorescence—Strong
- ◇ Fluorescence—Medium, Cut fluorescence—Fair
- △ Fluorescence—Dull, Cut fluorescence—Weak
- Dead oil (bitumen, solid hydrocarbon)
- ⊠ Gas recovered in drill stem test
- ⊠ Trace gas in drill stem test
- ⊕ Gas "bleeding" from core
- ◆ Gas show
- ◇ Gas show—Slight
- × Ethane (C₂) concentration >2,000 ppm
- × Methane (C₁) concentration >20,000 ppm

- Sagavanirktok Formation
- Colville Group
- Nanushuk Group
- Torok Formation
- Fortress Mountain Formation
- Hue Shale
- Gamma-ray zone
- - - Pebble shale unit
- - - Kemik Sandstone
- - - L. Cretaceous unconformity (Kingak Shale)
- Simpson sand (top)
- - - Simpson sand (bottom)
- - - Barrow sand (top)
- - - Barrow sand (bottom)
- Sag River Sandstone
- Shublik Formation
- Fire Creek Siltstone Member
- Ledge Sandstone Member
- Kavik Member
- Echooka Formation
- Lisburne Group
- Endicott Group
- Basement
- Total depth of well

West to east cross section B. See Table 1 for the source of the data and Table 2 for a summary of the types and number of shows for each well. Table 3 provides links to the data and plots for each well. The asterisk (*) indicates U.S. Navy wells; for these wells, no data exists for methane (C₁) and ethane (C₂) concentrations (see text).