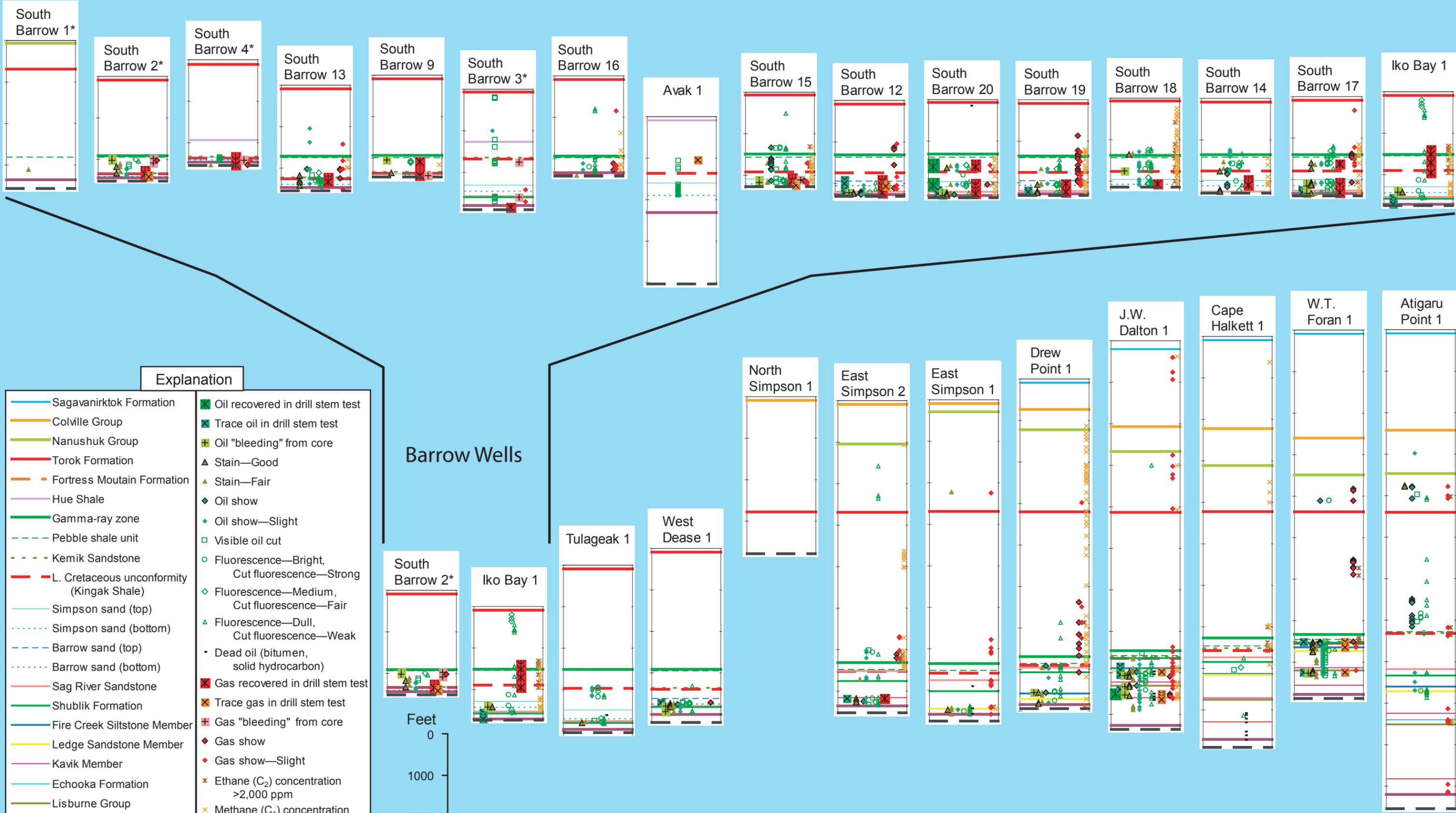


A

West

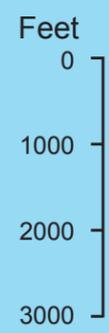
East



Explanation

- | | |
|---|---|
| — Sagavanirktok Formation | ■ Oil recovered in drill stem test |
| — Colville Group | ■ Trace oil in drill stem test |
| — Nanushuk Group | ■ Oil "bleeding" from core |
| — Torok Formation | ▲ Stain—Good |
| — Fortress Mountain Formation | ▲ Stain—Fair |
| — Hue Shale | ◆ Oil show |
| — Gamma-ray zone | ◆ Oil show—Slight |
| --- Pebble shale unit | □ Visible oil cut |
| --- Kemik Sandstone | ○ Fluorescence—Bright, Cut fluorescence—Strong |
| — L. Cretaceous unconformity (Kingak Shale) | ◇ Fluorescence—Medium, Cut fluorescence—Fair |
| — Simpson sand (top) | △ Fluorescence—Dull, Cut fluorescence—Weak |
| --- Simpson sand (bottom) | ▪ Dead oil (bitumen, solid hydrocarbon) |
| --- Barrow sand (top) | ■ Gas recovered in drill stem test |
| --- Barrow sand (bottom) | ■ Trace gas in drill stem test |
| — Sag River Sandstone | ■ Gas "bleeding" from core |
| — Shublik Formation | ◆ Gas show |
| — Fire Creek Siltstone Member | ◆ Gas show—Slight |
| — Ledge Sandstone Member | × Ethane (C ₂) concentration >2,000 ppm |
| — Kavik Member | × Methane (C ₁) concentration >20,000 ppm |
| — Echooka Formation | |
| — Lisburne Group | |
| — Endicott Group | |
| — Basement | |
| — Total depth of well | |

Barrow Wells



West to east cross section A. 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).