ABOUT LIBERTY
Liberty is a defined, but undeveloped, light-oil reservoir in nearshore federal waters with an estimated 150-330 million barrels of oil-in-place. Peak production of between 60,000 and 70,000 barrels/day is projected within two years of initial production. Development of this resource will help offset declining oil production on the North Slope and contribute to increasing the life span and efficiency of the trans-Alaska pipeline. The field is located 15 miles east of Prudhoe Bay in Foggy Island Bay.

PROVEN TECHNOLOGY
The Liberty Project builds upon more than 30 years of proven technology and safe operation in the shallow waters of Alaska’s North Slope. Endicott, the first offshore oilfield in the Beaufort Sea, came online in 1987, followed by Northstar in 2001, Oooguruk in 2008, and Nikaitchuq in 2011.

LIBERTY ISLAND
The development plan calls for construction of an artificial island about 6 miles offshore in 19 feet of water that is optimally located to minimize drilling and production risks. The 9.3-acre island will take an estimated four winter months to construct and six months to refine and reinforce. The outer perimeter would be heavily armored with concrete blocks and steel sheetpile, using proven technology to protect it from ice pressure and storm surges.

Once island construction is complete, the gravel surface will be used to drill wells and install production facilities, camp, utilities, heliport, and a dedicated area for a relief-well location. After oil begins to flow, production operations will continue 24-7 until all reserves are recovered, in 15 to 20 years. To minimize its environmental footprint, no permanent road or causeway would connect Liberty Island to the mainland. Personnel and equipment would be transported by helicopter, hovercraft or boat during open-water season and a temporary ice road during winter months.

SUBSEA PIPELINE
Oil would be transported to shore via a subsea, buried pipeline, then through a newly constructed 1.5-mile on-shore pipeline that would tie into the Badami pipeline – and eventually the trans-Alaska pipeline. The subsea pipeline would be a pipe-within-a-pipe, with a 12-inch-diameter inner pipe and a 16-inch-diameter outer pipeline similar to installations at Oooguruk and Nikaitchuq fields. The marine segment would be 5.6 miles in length, buried and installed during winter.

OWNERSHIP
Liberty is owned by Hilcorp Alaska, LLC (50%), BP Exploration (Alaska) Inc. (40%) and ASRC Exploration, LLC (10%). Hilcorp would be the operator.