

- Oooguruk Drill Site (ODS) Location
- Flowline Route - Onshore
- Flowline Route - Buried Subsea
- ▭ Native Allotment
- ▭ Kuparuk River and Milne Point Oil & Gas Units
- Federal/State Waters Boundary
- Oooguruk Tie-in Pad (OTP) Location

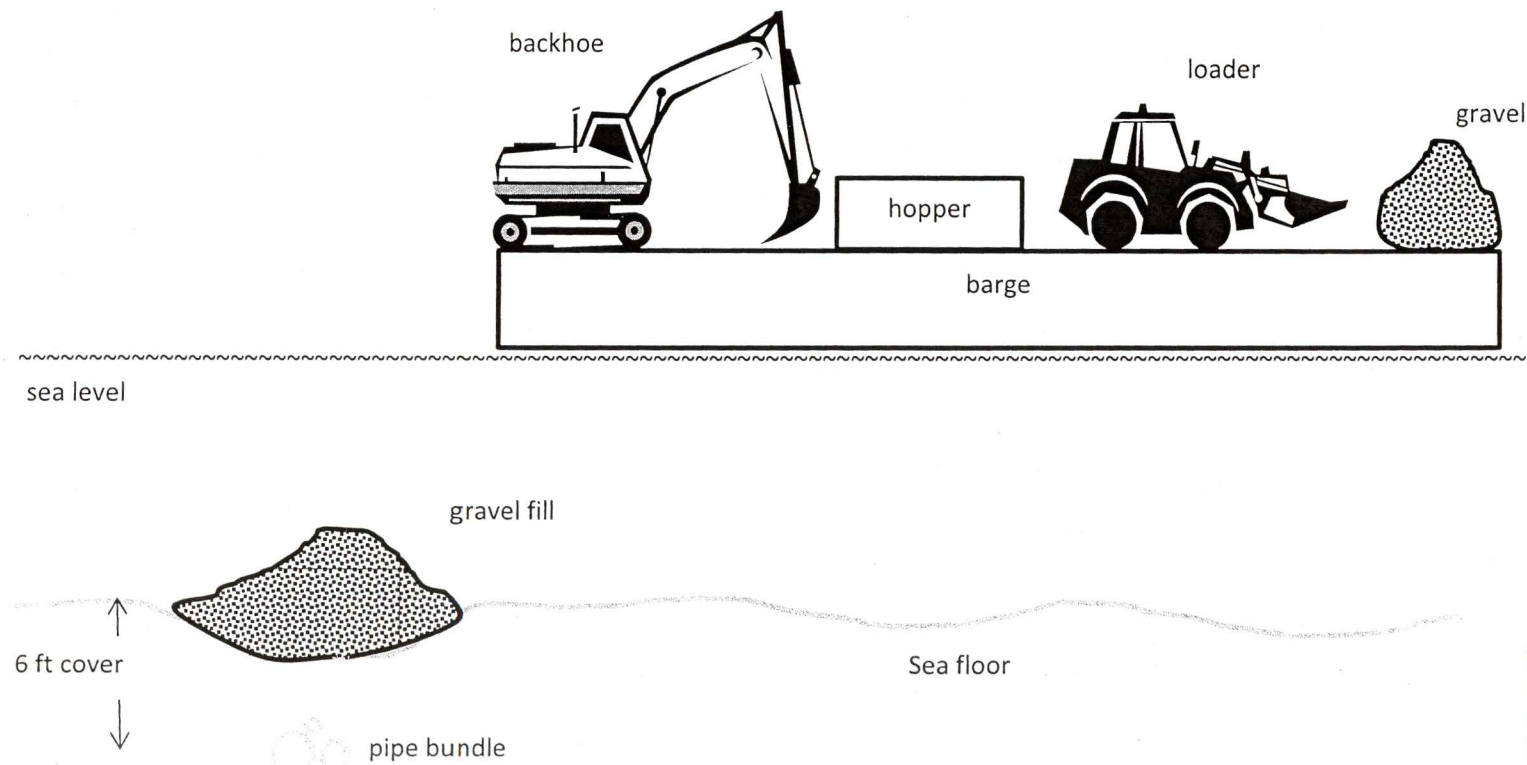
0 1 2 Miles

NAD27, AK State Plane Zone 4,
 Umiat Meridian.
 Bathymetry in feet (MLLW).
 MLLW=Mean Lower Low Water
 Salt and Brackish Water Marshes
 provided by NOAA.

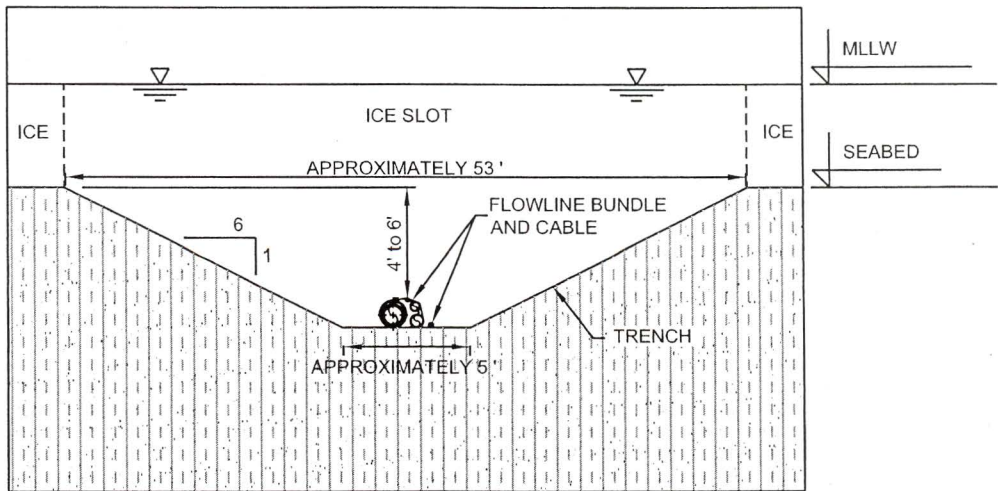
PROJECT LOCATION MAP
Oooguruk Development Project
PIONEER
POA-2005-1295-M7
BEAUFORT SEA
FEBRUARY 2013
SHEET 1 OF 3

Figure 2. Typical Oooguruk Summer Gravel Placement

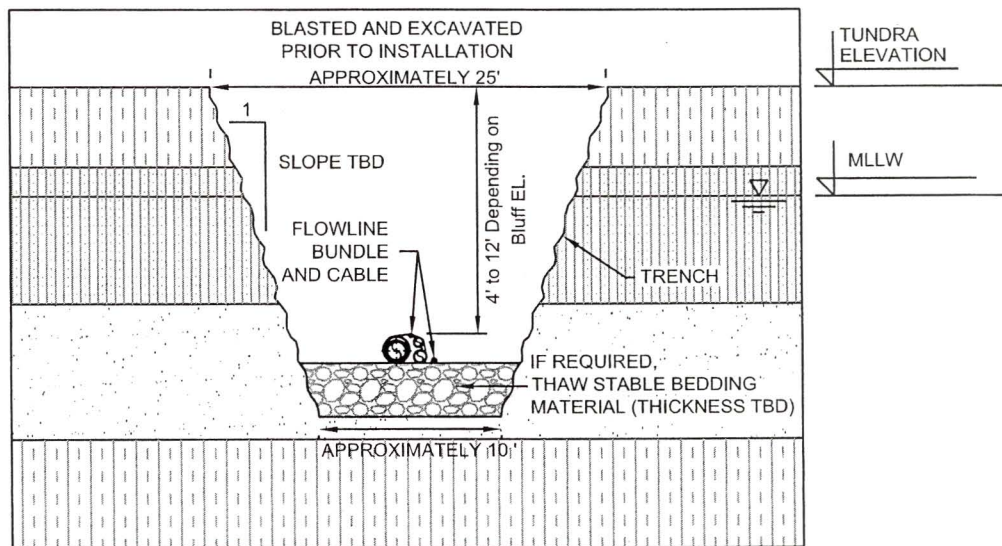
Oooguruk summer gravel placement



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TYPICAL OFFSHORE
SECTION DETAIL
NOT TO SCALE



TYPICAL SHORE CROSSING
SECTION DETAIL
NOT TO SCALE

NOTES
EL= Elevation
TBD= To Be Determined
Note: See Plan of Operations for
Revegetation Information-SECTION 6.3.

**PROPOSED FLOWLINE
BUNDLE
TRENCH CROSS-SECTIONS**

Proposed Oooguruk
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