

PROJECT EXPERIENCE

BP EXPLORATION (BPX) ALASKA - MILNE PONT FACILITY

DESCRIPTION:

Facility: BPX Alaska is the leading oil producer in the U.S. BPX's Milne Point facility, located on a 71,000 acre tract on Alaska's North Slope, processes raw crude oil drawn from surrounding oil wells. Milne Point produces about 65,000 barrels of oil per day, making it one of the top ten oil producing fields in the U.S.

Delco Scope: The scope of work included the design, programming, and commissioning of communication systems for PLC-to-PLC communications via Ethernet and a multi-drop radio network system and Fix MMI programming. DAC

Also designed and programmed pipeline leak detection algorithms, and metering station controls including Prosoft Modbus interfaces.



Technology: The SCADA system included 35 of the latest generation A-B Ethernet PLC's, PLC-5/40, 60 and 80E's and 12 Windows-NT Fix PC nodes on a fibre Ethernet network and a redundant DH+ network.

I/O Count: 15,000+

LOCATION: Milne Point, Alaska
OWNER: BPX ALASKA
CONSULTANT: VECO Engineering

CONTACT NAMES:

BPX ALASKA

VECO Engineering