



United States Department of the Interior

BUREAU OF OCEAN ENERGY MANAGEMENT

Alaska OCS Region

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GEOLOGICAL OR GEOPHYSICAL DATA RELEASE ANNOUNCEMENT

Outer Continental Shelf (OCS) Permit 80-34 Cook Inlet and Gulf of Alaska Planning Areas - ALASKA

DATE: May 2026
PERMITTEE: ARCO Alaska
DATA COLLECTED BY: Digicon, Inc.
TYPE OF DATA: 2D Seismic Survey
ACQUISITION DATES: July 13, 1980, to October 20, 1980
QUANTITY: Approximately 124.70 line miles of multi-channel seismic reflection data on the OCS, comprising 55.39 line miles in the Gulf of Alaska Planning Area and 69.31 line miles in the Cook Inlet Planning Area.

ACQUISITION METHOD: Acquired using an air gun source (3200 cubic inches)

DESCRIPTION OF DATA OR INFORMATION: Digicon acquired approximately 875 line miles of multi-channel seismic reflection data under this permit in the Gulf of Alaska and Lower Cook Inlet. Of this, 124.70 line miles were selected for permanent retention by USGS (now BOEM), consisting of five lines in the Lower Cook Inlet (69.31 line miles) and three lines in the Gulf of Alaska (55.39 line miles). The original data were submitted as high-resolution migrated seismic sections on mylar film. These have since been scanned and exported as digital image (TIF) files. The data release contains:

- 8 lines of migrated (MIG) data suitable for digitization and interpretation, covering both the Gulf of Alaska (FX-5, FX-7, FX-9) and Lower Cook Inlet (LZ-8, LZ-10, LZ-11, LZ-16, LZ-17).
- Digital navigation files for all released lines, provided in multiple formats:
 - Original Digicon navigation files: File names include TapePRN.
 - Legacy UKOOA P1/83 navigation files: File names include P183.
 - Modern UKOOA P1/90 navigation files: File names include P190.
- Scanned shotpoint location maps submitted by Digicon, provided as digital images (TIF).
- A shapefile containing the name and length (in miles) for each released line, referenced to WGS84.
- A map showing line locations for all lines included in the release.

Under the conditions of the Permit and subsequent regulations, these data acquired by BOEM (formerly MMS or USGS) are now available to the public through the U. S. Geological Survey on the National Archive of Marine Seismic Surveys web site (<http://walrus.wr.usgs.gov/NAMSS/survey/b-ak-34-80/>).

For additional information please contact:

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Additional data release announcements may be found at <http://www.boem.gov/About-BOEM/BOEM-Regions/Alaska-Region/Resource-Evaluation/Released-Geological-and-Geophysical-Data/Index.aspx>

The Bureau of Ocean Energy Management does not guarantee the accuracy of these data, their location, or take responsibility for reliance thereon.