

OVERVIEW

Ovintiv Canada ULC (formerly Encana Corporation) is the owner and operator of the Deep Panuke natural gas development, located in the marine environment approximately 175 kilometres offshore Nova Scotia. The development included facilities required to produce natural gas from the Deep Panuke field, such as an offshore production platform, subsea wells, flowlines, control umbilicals and protection structures for subsea equipment. Natural gas was processed offshore and transported via a subsea pipeline to shore near Goldboro, Nova Scotia for further transport to markets using the Maritimes & Northeast Pipeline.

Production from Deep Panuke permanently ceased on May 7, 2018 and decommissioning activities were completed in October 2020 (with the exception of post-abandonment monitoring). The decommissioning of the Deep Panuke development involved the following activities:

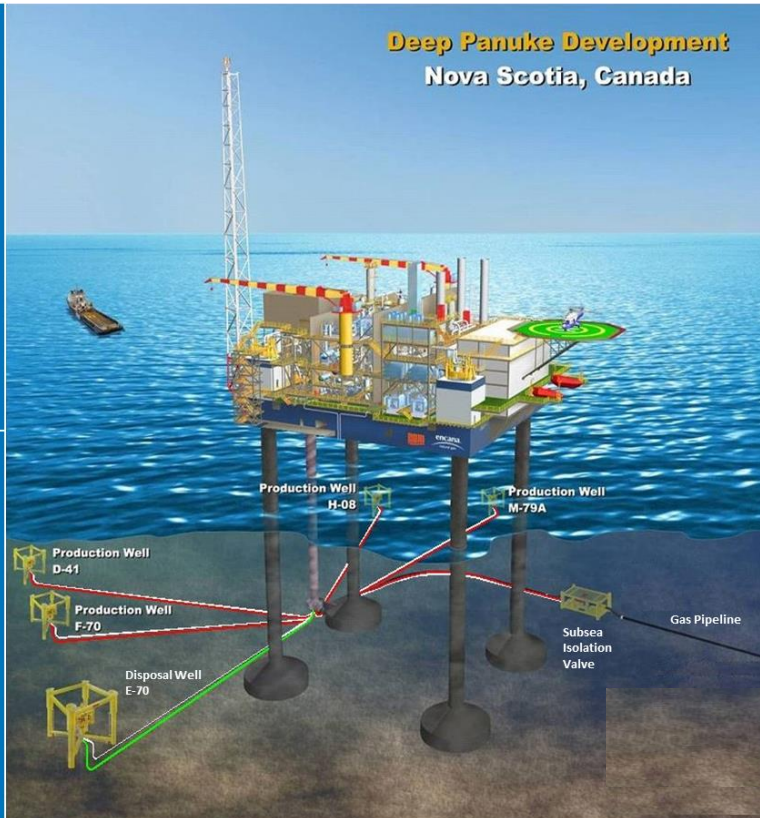
- Decommissioning of the offshore production platform, subsea structures, flowlines, umbilicals, gas pipeline, and onshore facilities
- Well plugging and abandonment and subsea structure removal
- Offshore platform removal and final field survey

Wells

- Plug and abandon four production wells
- Plug and abandon one disposal well
- Remove subsea production trees

Subsea Facilities

- Flush and clean flowlines
- Remove wellhead protection structures
- Disconnect flowlines and umbilicals; abandon in place



Gas Pipeline

- Flush and clean gas pipeline
- Remove subsea isolation valve
- Remove above ground onshore facilities
- Abandon gas pipeline in place

Production Platform

- Flush and clean
- Remove

ONSHORE FACILITIES RESTORATION

In the summer of 2019, the Deep Panuke gas pipeline was flushed and filled with clean seawater, the onshore portion of the pipeline (located near Goldboro, Nova Scotia) was dewatered, and the pipeline landfall site was restored and re-vegetated (including the previous gravel pad, fence and no anchor sign).

Over the summer of 2020, all aboveground structures at the pipeline terminus site were removed and grout plugs were installed in the pipeline at two road crossings to prevent ground subsidence and unnatural drainage of wet areas. The terminus site, adjacent parking lot and newly excavated areas for grout plug installation were restored to natural grade. These locations were re-vegetated in mid-September and inspected in late October to confirm that the vegetation has been established prior to the winter.

The access road to the terminus site has been left intact since it is used by Maritimes and Northeast Pipeline to access their assets.



Landfall site from Highway 316 in October 2020



Terminus site in October 2020

SUBSEA STRUCTURES REMOVAL

The subsea structure removal program began in September and was completed in October. The DOF Subsea construction vessel, Skandi Neptune, was utilized to conduct the following work:

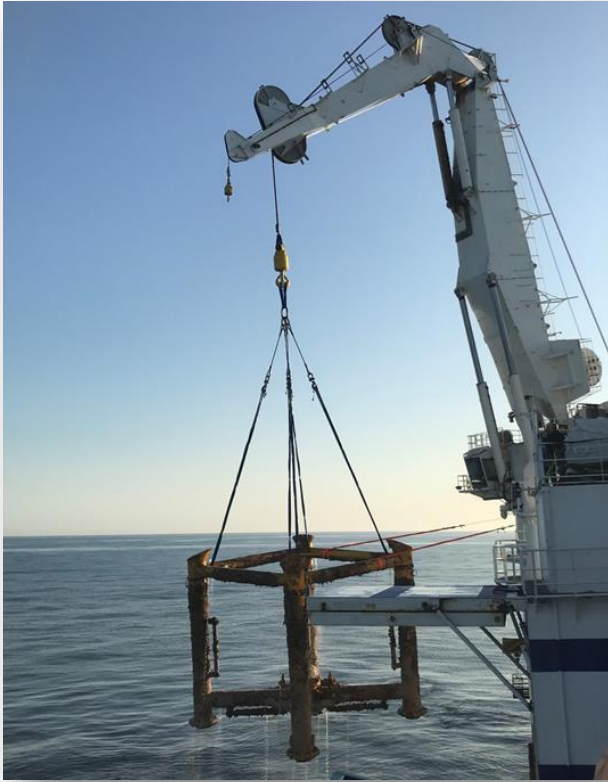
- Cutting and removal of the five well conductor/casing strings
- Removal of the five wellhead protection structures and pipeline subsea isolation valve

As-left visual subsea surveys were conducted where active abandonment works occurred.

The completion of this scope of work was the final decommissioning program for Deep Panuke.



DOF Subsea Skandi Neptune



E-70 wellhead protection structure being lifted out of water



H-08 wellhead protection structure on deck



Pipeline subsea isolation valve and associated protection structure

SCHEDULE

Activity	Status	Duration
Gas Pipeline and Onshore		
Gas pipeline flushing and pigging	Completed (June-July 2019)	1 month
Gas pipeline offshore disconnects	Completed (August 2019)	1 week
Onshore facilities removal and restoration	Completed (July-Sept 2020)	1 month
Subsea		
Flowline flushing and cleaning	Completed (Sept 2019)	2 weeks
Flowline/umbilical disconnects at wells and platform	Completed (March-May 2020)	7 weeks
Subsea structures removal	Completed (Sept-Oct 2020)	1 month
Well Plug and Abandonment		
Offshore execution	Completed (Feb-Aug 2020)	6 months
Production Platform		
Platform decommissioning	Completed (July 2020)	-
Platform de-installation	Completed (July 2020)	2 weeks

CONTACTS

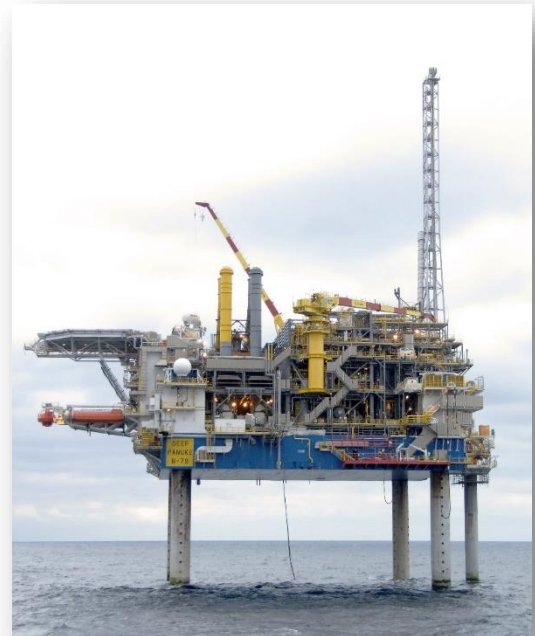
A key component of this information update is to provide up-to-date information on key activities. Ovintiv is available to meet with interested groups that would like to discuss potential effects, concerns, and interests related to the decommissioning activities so that these may be considered in the decommissioning planning process.

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Also visit Ovintiv's Deep Panuke website for more information, including business opportunities:
<https://www.ovintiv.com/deep-panuke/>