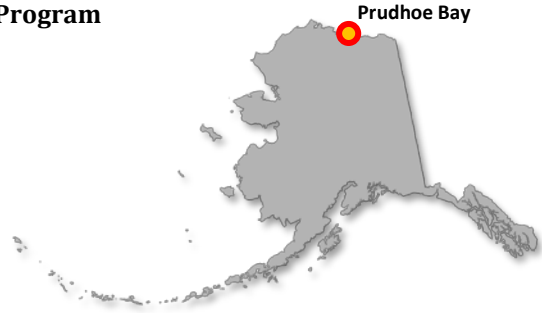




**ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Division of Spill Prevention and Response**  
**Prevention and Emergency Response Program**  
**SITUATION REPORT**



## **BPXA Drill Site 1-Well 11 Pipeline Spill**

**SITREP # 1**

**SPILL NUMBER:** 12399910102

**TIME/DATE OF SPILL:** BP Exploration (Alaska) Inc. (BPXA) discovered a pipeline release of freeze protection fluids composed of a 60/40 methanol/water, seawater, and small amounts of crude oil at Drill Site 1 at 3:20 p.m. on April 10, 2012. The spill was reported to ADEC at 3:50 p.m. on April 10, 2012.

**TIME/DATE OF SITUATION REPORT:** 3:00 p.m. on April 12, 2012

**TYPE/AMOUNT OF PRODUCT SPILLED:** BPXA estimated a spill volume of 3,675 gallons, based on the engineered volume of the eight-inch seawater injection pipeline between the manifold building and Well 11. The pipeline contained freeze protection fluids, which consisted of a 60/40 methanol/water, seawater, and small amounts of crude oil. The fluids were released onto the gravel drill pad and into the reserve pit.

**INCIDENT LOCATION:** BPXA East Operating Area, Drill Site 1, Prudhoe Bay.

**CAUSE OF SPILL:** The failure occurred during a well warm up procedure conducted in preparation for a mechanical integrity test on Well 11.

**POTENTIAL RESPONSIBLE PARTY (PRP):** BP Exploration (Alaska) Inc.

**RESPONSE ACTION:** An eight-inch seawater injection pipeline failed during a well warm up procedure conducted in preparation for a mechanical integrity test on Well 11. The failure occurred at Drill Site 1 in the Eastern Operating Area of the Prudhoe Bay Oil Field on the afternoon of April 10. BPXA officials reported the incident to ADEC shortly after operators discovered the release; no injuries or deaths occurred. The freeze protection fluids released onto the snow-covered gravel pad and flowed into a reserve pit. The reserve pit is a man-made impoundment constructed with a gravel soil mixture. The majority of the discharged fluids flowed beneath the snow into the reserve pit. The surface area affected by the release was estimated to be approximately one acre. BPXA safety and pipeline integrity staff performed a safety assessment before the Alaska Clean Seas spill responders identified the extent of spill area. Several wells adjacent to the failed pipeline have been shut-in to facilitate safe access around the area. BPXA assembled a root cause investigation team to review the incident.

Work plans should be developed for the corrective actions and cleanup tactics, waste management, and an analytical confirmation sampling event.

**SOURCE CONTROL:** The pipeline is blocked and secured with a steel flange at the manifold building and at the well.

**RESOURCES AFFECTED:** Gravel pad and reserve pit

**FUTURE PLANS AND RECOMMENDATIONS:** BPXA will develop plans to safely remove the contaminated snow, ice and gravel from the drill pad, and the snow and the affected ice within the reserve pit.

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: Dan Harris, BPXA

S.O.S.C.: Tom DeRuyter, ADEC

Field SOSC: John Ebel, ADEC

**WEATHER:** Overcast, temperature 0°F, winds at 15 mph from the east-northeast.

**TIME/DATE OF THE NEXT REPORT:** As the situation warrants.

**FOR ADDITIONAL INFORMATION CONTACT:** John Ebel, ADEC (907) 687-1921

Photographs and other spill information will be available for viewing at:

<http://www.state.ak.us/dec/spar/perp/index.htm>

**AGENCY/STAKEHOLDER NOTIFICATION LIST:** This situation report was distributed to the agencies listed on the standard distribution list and includes: governor's office, Senator Begich's office, SEOC, DOI, NMFS, and USFWS. This situation report was also distributed to the following agencies and stakeholders:

AGENCY / STAKEHOLDER	NAME	SENT VIA	ADDITIONAL INFORMATION	TELEPHONE	FAX
ADNR	Melissa Head/ Brian Jackson	Email	<a href="mailto:melissa.head@alaska.gov">melissa.head@alaska.gov</a> <a href="mailto:brian.jackson@alaska.gov">brian.jackson@alaska.gov</a>	451-2719/ 451-2732/ 451-2724	451-2751/ 659-2965
ADF&G	Al Ott/Jack Winters	Email	<a href="mailto:jack.winters@alaska.gov">jack.winters@alaska.gov</a>	459-7285/ 459-7279	459-7303
U.S. Coast Guard/ MSO-Anchorage	Captain Jason Fosdick	Fax			271-6751
Attorney General Office	Cam Leonard/ Steve Mulder	Email	<a href="mailto:cam.leonard@alaska.gov">cam.leonard@alaska.gov</a> <a href="mailto:steve.mulder@alaska.gov">steve.mulder@alaska.gov</a>	451-2811/ 269-5100	451-2985/ 278-7022
Governor's Office (Fairbanks)	Parnell/Treadwell	Fax	<a href="mailto:sean.parnell@alaska.gov">sean.parnell@alaska.gov</a> <a href="mailto:mead.treadwell@alaska.gov">mead.treadwell@alaska.gov</a>	451-2920	451-2858
Lt. Governor's Office (Juneau)	Parnell/Treadwell	Fax	<a href="mailto:sean.parnell@alaska.gov">sean.parnell@alaska.gov</a> <a href="mailto:mead.treadwell@alaska.gov">mead.treadwell@alaska.gov</a>		465-5400
Senator Murkowski's Washington DC Office	Chief of Staff	Fax	North Slope only	(202) 224-6665	(202) 224-5301
Senator Murkowski's Office in Fairbanks		Fax	North Slope only	456-0233	451-7146
North Slope Borough	Charlotte Brower	Fax	Mayor	852-0200	852-0337
North Slope Borough	Rhoda Ahmaogak	Fax	Planning Director	852-0440	852-5991
<b>Senate F/</b> North Pole	John Coghill, Jr.	Fax	North Pole 5/16-1/09 Juneau 1/10-5/15	465-4797/ (800) 782-4833	465-3884
<b>Senate T/</b> Nome	Donnie Olson	Fax	Nome 5/16-1/09 Juneau 1/10-5/15	465-3707	465-4821
<b>House 40/</b> Kotzebue	Reggie Joule	Fax	Kotzebue 5/16-1/09 Juneau 1/10-5/15	465-4833/ (800) 782-4833	465-4586



*Drill Site 1 Well 11, eight-inch seawater injection pipeline failure. Viewing southwest over the reserve pit. (Photo/ADEC)*



*Methanol/seawater on gravel pad. (Photo/ADEC)*