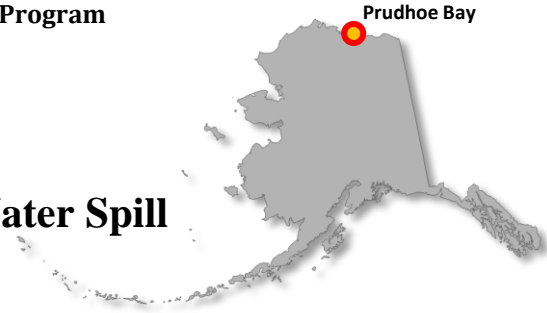




**ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Division of Spill Prevention and Response**  
**Prevention and Emergency Response Program**  
**SITUATION REPORT**



## **CPAI Drill site 1J-Well 137 Produced Water Spill**

**SITREP # 1**

**SPILL NUMBER: 12399911201**

**TIME/DATE OF SPILL:** Approximately 1:00 p.m. on April 21, 2012

**TIME/DATE OF SITUATION REPORT:** 3:00 p.m. on April 23, 2012

**TYPE/AMOUNT OF PRODUCT SPILLED:** ConocoPhillips Alaska, Inc. (CPAI) estimated a spill volume of 710 gallons of produced water, released from a line supplying artificial lift fluid to a production well. CPAI reported that the crude oil concentration of the produced water is estimated to be 1,000 ppm, equaling 0.71 gallons of crude oil spilled.

**INCIDENT LOCATION:** Prudhoe Bay, Kuparuk Oil Field, Drill Site (DS) 1J, Well house 137.

**CAUSE OF SPILL:** A flow meter failed as produced water injection came back on-line following pigging operations. The exact cause of the failure is under investigation.

**POTENTIAL RESPONSIBLE PARTY:** ConocoPhillips Alaska, Inc.

**RESPONSE ACTION:** The CPAI Operator shut in the safety valve system and manual block valves to establish source control. Response workers used a vacuum truck to recover 25 barrels of fluid within the first 24 hours. Response workers used mechanical means to remove saturated snow and ice from the affected area.

**SOURCE CONTROL:** A CPAI employee witnessed the meter failure and was able to shut in the safety valve system and manual block valves to obtain source control within 5 minutes. CPAI has replaced the failed meter and the well has been brought back on-line.

**RESOURCES AFFECTED:** CPAI estimates that a 1600 square feet section of gravel pad was affected by this spill. There was no damage to tundra or water resources.

**FUTURE PLANS AND RECOMMENDATIONS:** ADEC will continue to monitor the response actions and review future plans for cleanup of contaminated soils. The well house will be removed temporarily to aid in cleanup of the infrastructure as well as the gravel pad. The well house will be steamed before it is returned.

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: Barron Rutherford (Alaska Clean Seas)

FOSC:

SOSC: Tom DeRuyter (ADEC)

Field SOSC: Ashley Anderson (ADEC)

**WEATHER:** Cloudy. Patchy fog. Isolated snow showers in the afternoon. Highs 9 to 16 above. East winds around 10 mph.

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

**FOR ADDITIONAL INFORMATION CONTACT:** Tom DeRuyter 907-451-2145

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
EPA	Matt Carr/Robert Whittier	Fax		271-5083/271-3247	271-6340
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
Senate F/ North Pole	John Coghill, Jr.	Fax	North Pole 5/16-1/09 Juneau 1/10-5/15	465-4797/ (800) 782-4833	465-3884
Senate T/ Nome	Donnie Olson	Fax	Nome 5/16-1/09 Juneau 1/10-5/15	465-3707	465-4821
House 40/ Kotzebue	Reggie Joule	Fax	Kotzebue 5/16-1/09 Juneau 1/10-5/15	465-4833/ (800) 782-4833	465-4586



Figure 1: Picture taken behind well house #137, drill site 1J. Delineation of spill area has taken place; cause of spill is still under investigation. April 21, 2012. (Photo/ADEC)



Figure 2: Snow removal in front of well house #137, drill site 1J. April 21, 2012. (Photo/ADEC)