

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

SITUATION REPORT

INCIDENT NAME: Kuparuk DS 1L Well 22 Produced Water Spill **SITREP #:** 3

SPILL NUMBER: 08399936001 **LEDGER CODE:** 14123360

TIME/DATE OF SPILL: ConocoPhillips Alaska Inc. (CPAI) discovered the spill at 3:55 PM on December 25, 2008 and reported the spill to ADEC via the Alaska State Troopers at 4:16 PM.

TIME/DATE OF SITUATION REPORT: December 29, 2008, 3:00 PM

TIME/DATE OF THE NEXT REPORT: January 5, 2009, 3:00 PM

TYPE/AMOUNT OF PRODUCT SPILLED: The product spilled was produced water, which contained a trace amount of crude oil. CPAI engineering calculations of the flow rate in the line and duration of release have increased the initial volume estimate of 63,000 gallons (1,500 barrels) to 94,920 gallons (2,260 barrels).

LOCATION: 1L Pad, Well #22, Kuparuk

CAUSE OF SPILL: The cause of the spill has been determined to be internal corrosion of the 6" water injection line.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska Inc. (CPAI).

RESPONSE ACTION: Two task forces of Spill Response Team (SRT) workers continue 24 hour per day operations to remove and melt the contaminated snow and ice for recycling or disposal. The day shift consists of 16 responders that remove the misted produced water from the snow covered tundra and 14 equipment operators and other responders that remove the contaminated snow and ice from the gravel pad and operate the snow melting operations. The night shift consists of 11 operators and responders working on the snow melting and on-pad snow/ice removal operations only.

An estimated 44,100 gallons (1,050 barrels) of produced water and snow that was melted by the released hot produced water was removed from the spill site during the initial response. No additional liquids remain in the spill area to be recovered.

A total of 97,440 gallons (2,320 barrels) of produced water and snow melt were processed through the snow melter and sent to the Kuparuk Central Processing Facility #1 (CPF1) for recycling or disposed at the Kuparuk Class II disposal facility.

319 yards of contaminated gravel was trimmed from the pad surface and hauled to the Grind and Inject Facility in Prudhoe Bay for processing.

Using hand tools, responders have removed the misted produced water from approximate 30% of the 2.95 acres of the snow covered tundra area.

Two ADEC NART responders are on site to monitor cleanup activities.

SOURCE CONTROL: The 6" well injection line was shut in and the source isolated.

RESOURCES AFFECTED: The gravel pad at 1L. A total of 5.45 acres have been impacted of which 2.95 acres are off pad and have been lightly dusted with a fine mist of produced water. No penetration through the snow to the tundra has occurred.

FUTURE PLANS AND RECOMMENDATIONS: Continue removing and melting contaminated snow and ice for disposal at the water recycle facility or a Class II disposal well at Kuparuk. Remove the frozen material and snow from the reserve pit. Continue removal of lightly dusted snow with hand tools.

WEATHER: Mostly cloudy, snow flurries, patchy fog, temperatures -10°F to -20°F, SW wind 10 to 20 mph.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Jeff Huber
F.O.S.C. : Matt Carr
S.O.S.C. : Tom DeRuyter
Field S.O.S.C.: Paul Lhotka

FOR ADDITIONAL INFORMATION CONTACT: Wes Ghormley at (907) 451-2164
Photographs and other spill information are available for viewing at:
<http://www.state.ak.us/dec/spar/perp/index.htm>

AGENCY/STAKEHOLDER NOTIFICATION LIST

This sitrep has been distributed via email to the Governor's office, Senator Stevens' office, ADF&G, ADNR, SECC, USEPA, USDOJ, NMFS, USFWS, USFS and NOAA in addition to the following.

STATE AGENCY	NAME	SENT VIA	ADDITIONAL INFO	TELEPHONE	FAX
ADNR	Leon Lynch/ Gary Schultz/ Larry Byrne	Fax		451-2724/ 451-2732	451-2751 or 659-2965
ADF&G (Habitat)	Al Ott/Jack Winters/Todd Nichols	Fax		459-7285 or 459- 7279	459-7303
AOGCC		Fax			276-7542
EPA	Matt Carr/Carl Lautenberger	Fax		271-5083 or 257- 1342	271-3424
Attorney General Office	Cam Leonard/ Steve Mulder	Fax		451-2811/451- 2914	451-2985/ 278-7022
Legislature					
Governor's Office (Fairbanks)	Palin/Parnell	Fax		451-2920	451-2858
Lt. Governor's Office (Juneau)	Palin/Parnell	Fax			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
Legislator (Senate T)	Donnie Olson (D)	Fax	Nome	465-3707	465-4821
Legislator (House 40)	Reggie Joule (D)	Fax	Kotzebue	465-4833 or (800) 782-4833	465-4586
Other Agencies:					
North Slope Borough	Edward Sagaan Itta	Fax	Mayor	852-0200	852-0337
North Slope Borough	Johnny Aiken	Fax	Planning Director	852-0440	852-5991