

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 #:** 1

SPILL NUMBER: 08399936001 **LEDGER CODE:** Requested

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 26, 2008, 1:00 PM

TIME/DATE OF THE NEXT REPORT: December 27, 2008, 1:00 PM

TYPE/AMOUNT OF PRODUCT SPILLED: The product type was injection water containing an estimated 0.167%, oil. The amount is unknown at this time but a very preliminary estimate is 1500 barrels of injection water.

LOCATION: 1L Pad Well #22, North Slope

CAUSE OF SPILL: The 6" water injection well line. The cause of the spill is under investigation.

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

RESPONSE ACTION: On December 25, 2008 oil field workers witnessed an anomaly in the drill site 1L surveillance system and proceeded to investigate the source. Upon investigation, it was discovered that a quantity of produced water had spilled from a 6" water injection well line to the reserve pit and gravel pad.

The water injection well line was immediately shut in and the source was isolated. Two teams consisting of a total of 23 spill response personnel responded to the spill including the Kuparuk Spill Response Team (SRT) and Alaska Clean Seas (ACS). The SRT workers are using vacuum trucks and heavy equipment to recover the produced water from the gravel pad and reserve pit. A light mist of produced water was observed over a small area on the surface of the snow off the west edge of the pad and that area will be treated by manual recovery. There is no indication this material contacted the tundra.

CPAI mobilized their IMT and dispatched a plane with forward looking infrared radar (FLIR) to assist in documenting and delineating the spill.

A Remedial Action Plan has been approved by ADEC and plans are being developed to dispatch two NART responders to the North Slope on December 27, 2008.

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

RESOURCES AFFECTED: The reserve pit and gravel pad at 1L. An off pad area estimated at 75' x 150' received a light mist of produced water on the surface of the snow.

FUTURE PLANS AND RECOMMENDATIONS: Continue removing the contaminated snow and ice and transporting it to the enhanced oil recovery site (EOR) for disposal. Contaminated gravel will be removed and disposed of through the Grind and Inject facility at Prudhoe Bay Drill Site 4 or if necessary, the Kuparuk Drill Site 1H pit. SRT workers will continue building scaffolding to access the source of release and stripping the insulation from the line to determine the cause of the spill.

ADEC has requested that the size of the area impacted be delineated and that a final volume of produced water spilled be calculated for the department.

A sampling plan will be developed and presented to ADEC for approval upon completion of the cleanup.

WEATHER: Mostly cloudy, snow flurries, areas of fog, temperatures -10° F to 0°F. West winds to 10 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.:

FOR ADDITIONAL INFORMATION CONTACT: Ed Meggert, 451-2124.

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 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
AF&G (Habitat)	Al Ott/Jack Winters	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

IR WFOV Enh1 VCold Wht Day GeoPnt R

LRF: Lat: N 70° 16.273' Lon: W 149° 40.949' Slant Range: 1900 m

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LI Fire



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-60-
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-120-

-180 -90 0 +90 +180

SSA FLIR TEAM

Lat: N 70° 16.022 Lon: W 149° 40.159 Az: -89.3° El: -21.8° 26-Dec-2008 02:34:58L