SITUATION REPORT

INCIDENT NAME: Drill Site 2H Produced Water Spill  SITREP #: 4

SPILL NUMBER: 05399908501  LEDGER CODE: 14101860

TIME/DATE OF SPILL: The release was discovered on Saturday March 26, 2005 at approximately 10:30 AM by ConocoPhillips Alaska, Inc. (CPAI) personnel, and reported to ADEC at 11:05 am by CPAI.

TIME/DATE OF SITUATION REPORT: Thursday March 31, 2005 at 4:00 PM.

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

TYPE/AMOUNT OF PRODUCT SPILLED: CPAI reports that the approximately 111,300 gallons (2,650 barrels) of a mixture of 30% seawater and 70% produced water was released to both gravel pad and tundra. Produced water is a mixture of water and crude oil.

LOCATION: The release occurred at Drill Site 2H, which is in the Kuparuk oil production field. Kuparuk is approximately 40 miles west of the Prudhoe Bay oil field on the North Slope of Alaska.

CAUSE OF SPILL: The source of the spill is a 6-inch produced water/seawater injection line that transports water from the Central Processing Facility #2 (CPF-2) to Drill Site 2H for injection. The leak appears to be located in the below-grade section of the cased pipeline located under the gravel pad. The exact cause of the leak is yet to be determined. A line excavation and inspection may be required before the cause can be determined.

POTENTIAL RESPONSIBLE PARTY (PRP): CPAI

RESPONSE ACTION: Two DEC responders are currently in Kuparuk to participate in the Incident Management Team (IMT) as well as to oversee cleanup and disposal activities. A 24-hour cleanup operation is in effect. DEC is staffing both the day and night shifts. A repair plan for the pipeline is being developed.

Spill response contractors currently working at the spill site include Alaska Clean Seas (ACS), CCI, PENCO, and the Village Response Team (VRT). On 3/31/05 the daytime cleanup team consisted of 20 spill response members, and the night-time cleanup team will consist of 17 spill responders.

Further delineation efforts and field testing has confirmed that the spilled material has been migrating. Migration has occurred in several areas. Efforts were made last night to sandbag certain areas in the spill site to prevent further migration. Spill area has yet to be confirmed on both the east and west side of the spill site. A general plan was developed which identifies specific tasks that must be accomplished to achieve closure. The general plan estimates the end of April for the completion of cleanup activities at the site.

Arctic Fox Laboratory will continue field testing efforts to verify spill boundary.

The total product recovered is 4,620 gallons (110 barrels).

SOURCE CONTROL: The pipeline was de-pressurized and later de-inventoried (removal of all liquids). After being de-inventoried, the pipeline was blinded at both ends.

RESOURCES AFFECTED: The area of the extent of the spill on the snow-covered tundra is unknown. It is also unknown as to how much gravel has been impacted near the buried section of the pipeline.
Kalubik Creek is located approximately ½ mile west of the spill site, a Spectacled Eider nesting area is approximately ½ mile north-east of the spill site, and an environmentally sensitive area has been identified approximately ½ mile south-east of the spill site. None of these areas have been impacted.

Arctic foxes and ravens have been observed near the spill area. However no oiled wildlife has been observed.

**FUTURE PLANS AND RECOMMENDATIONS:** CPAI will continue to develop repair plans for the damaged section of below-grade pipeline.

Begin flushing the spill site with warm fresh water, to aid in the removal of spilled material from the tundra. Fluids will be recovered with a vacuum truck.

**WEATHER:** Mostly sunny, temperature -15 ° F, with calm winds.

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: Paul Dubbuisson, CPAI  
F.O.S.C. : Carl Lautenberger, USEPA  
S.O.S.C. : Ed Meggert, ADEC  
Field S.O.S.C.: Amanda Leffel, ADEC

**FOR ADDITIONAL INFORMATION CONTACT:** Amanda Leffel (907) 460-6399 or Ed Meggert (907) 451-2124.  
Photographs and other spill information are available for viewing at:  
http://www.state.ak.us/dec/spar/perp/response/sum_fy05/050326301/050326301_index.htm

**AGENCY/STAKEHOLDER NOTIFICATION LIST**

This sitrep has been distributed via email to the Governor’s office, ADF&G, ADNR, SECC, USEPA, USDOI, NMFS, USFWS, and USFS in addition to the following.

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<td>Leon Lynch/ Gary Schultz/ Larry Byrne</td>
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<td>451-2751 or 659-2965</td>
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<tr>
<td>ADNR (Habitat)</td>
<td>Al Ott/Jack Winters</td>
<td>Fax</td>
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<td>Attorney General Office</td>
<td>Cam Leonard/ Mary Lundquist</td>
<td>Fax</td>
<td>451-2811/451-2914</td>
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Other

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<tr>
<td>USEPA</td>
<td>Carl Lautenberger</td>
<td>Fax</td>
<td>271-3616</td>
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<tr>
<td>Legislator (House 40)</td>
<td>Reggie Joule (D)</td>
<td>Fax</td>
<td>465-4833 or (800) 782-4833</td>
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<tr>
<td>Legislator (Senate T)</td>
<td>Donnie Olson (D)</td>
<td>Fax</td>
<td>Nome</td>
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<td>North Slope Borough</td>
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<td>Fax</td>
<td>852-0200</td>
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<tr>
<td>Senator Murkowski’s Washington DC Office</td>
<td>Fax</td>
<td>North Slope only</td>
<td>(202) 224-6665</td>
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<tr>
<td>Senator Murkowski’s Office in Fairbanks</td>
<td>Fax</td>
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