

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

SITUATION REPORT

INCIDENT NAME: Kuparuk 2U Pad Crude Oil Spill **SITREP #:** 6

SPILL NUMBER: 07399935001 **LEDGER CODE:** 14247160

TIME/DATE OF SPILL: ConocoPhillips Alaska Inc. (CPAI) discovered the spill at 1:33 AM on December 16, 2007 and reported the spill to ADEC via the Alaska State Troopers at 2:43 AM.

TIME/DATE OF SITUATION REPORT: 3:00 PM, December 26, 2007

TIME/DATE OF THE NEXT REPORT: 3:00 PM, January 2, 2008

TYPE/AMOUNT OF PRODUCT SPILLED: CPAI initially reported that over 100 gallons of crude oil, gas and fluids spilled from a 24-inch flow line located within the Kuparuk River field between the 2V and 2W pads. The initial estimate of over 100 gallons was increased to 4,284 gallons (102 barrels) after further assessment of the spill area. The spill area is tundra covered with approximately six inches of snow.

LOCATION: Kuparuk River Field, flow line between 2U Pad and CPF-2. Latitude: N 70° 19' 19.99"
Longitude: W149° 55' 41.52".

CAUSE OF SPILL: CPAI reported external corrosion to the flow line. After the insulation from the flow line was removed, responders observed a 6-inch long crack (about 1/8 inch wide at the center) in the flow line. Investigators believe the cause was from external corrosion due to water trapped between the pipe and the insulation surrounding the flow line. Detailed investigation into the cause will be conducted.

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

RESPONSE ACTION: On December 17, CPAI performed a field measurement of the affected area to confirm the initial gross area estimations. Based upon these field measurements, the original gross estimation of 170,000 square feet has been adjusted to 350,000 square feet. CPAI indicates that this does not reflect an expansion of the physical area of impact or newly discovered areas, simply a formal delineation and calculation.

Thirty-nine cleanup responders, split between two 12-hour shifts, supported by 18 Incident Command Team members, are using mechanized equipment and hand sweeping the approximately 350,000 square feet area of snow from wind-blown oil spray. The cleanup strategy has been to work from the lighter and more distant areas of oiling toward the pipe and heavier oiling. Approximately 98 percent of the lighter oil or wind-blown oil has been recovered and the cleanup is progressing toward the heavier oiled areas. Moderate temperatures of -6° F and calm winds have improved on-site conditions, allowing the use of a rotary broom to clean the wind-blown oil from a nearby frozen lake.

Welding repair to the damaged flow line is completed and the "Start-Up Plan" has been implemented. Of the three pads and associated wells that the 24" line services, all are back in production with the exception of one well which is expected to be back in service by tomorrow.

One ADEC spill responder is onsite monitoring the response and cleanup.

SOURCE CONTROL: The source was controlled when operators shut down the oil wells feeding the flow lines.

RESOURCES AFFECTED: ACS and CPAI estimated that the spill affected 1,124 square feet area of tundra vegetation, and 350,000 square feet area of snow and tundra received wind blown oil spray. The spill area was covered with six inches of snow.

FUTURE PLANS AND RECOMMENDATIONS: Complete removal of crude oil and affected snow in the lightly contaminated areas, absorb pooled oil and heavily oiled snow with the snow recovered from the peripheral zone, then remove all contaminated products from the site and separate the waste types.

CPAI has identified and begun to inspect the other areas of concern on the 24 in flow line.

WEATHER: Mostly Cloudy, calm, and -6° F.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Marie Cherry, CPAI
 F.O.S.C.: Carl Lautenberger, EPA
 S.O.S.C.: Ed Meggert, ADEC
 Field S.O.S.C. John Ebel, ADEC

FOR ADDITIONAL INFORMATION CONTACT: Leslie Pearson, ADEC, 269-7543 or Ed Meggert, ADEC, 451-2124

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 |
| ADNR (Habitat) | Al Ott/Jack Winters | Fax | | 459-7285 or 459-7279 | 456-3091 |
| ADF&G | Todd Nichols | Fax | | 459-7363 | 456-2259 |
| AOGCC | | Fax | | | 276-7542 |
| EPA | Matt Carr/Carl Lautenberger | Fax | | 271-5083 or 257-1342 | 271-3424 |
| Attorney General Office | Cam Leonard | Fax | | 451-2811/451-2914 | 451-2985 |
| Attorney General Office | Steve Mulder | Fax | | | 278-7022 |
| Legislature | | | | | |
| Governor's Office (Fairbanks) | Palin/Parnell | Fax | | 451-2920 | 451-2858 |
| Governor's Office (Juneau) | Palin/Parnell | Fax | | 465-3500 | 465-3522 |
| Legislator (Senate D) | Joe Thomas (D) | Fax | Fairbanks | 465-2327 | 465-5241 |
| Legislator (Senate E) | Gary Wilken (R) | Fax | Fairbanks | 465-3709 | 465-4714 |
| Legislator (Senate F) | Gene Therriault (R) | Fax | North Pole | 465-4797 or (800) 860-4797 | 465-3884 |
| Legislator (House 7) | Michael "Mike" Kelly (R) | Fax | Fairbanks | 465-4976 or (800) 465-4976 | 465-3883 |
| Legislator (House 8) | David Guttenberg(D) | Fax | Fairbanks | 465-4457 or (800) 928-4457 | 465-3519 |
| Legislator (House 9) | Scott Kawasaki (D) | Fax | Fairbanks | 465-3466 or (866) 465-3466 | 465-2937 |
| Legislator (House 10) | Jay Ramras (R) | Fax | Fairbanks | 465-3004 or (877) 465-3004 | 465-2070 |

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|------------------------------|-----------------------|-----|-------------------|-------------------------------|----------|
| Legislator (House 11) | John Coghill, Jr. (R) | Fax | North Pole | 465-3719 or (877) 465-3719 | 465-3258 |
| Local Government: | | | | | |
| Fairbanks North Star Borough | Jim Whitaker | Fax | Mayor | 459-1304 | 459-1102 |
| City of Fairbanks | Terry Strle | Fax | Mayor | 459-6793 | 459-6787 |
| City of Fairbanks | Warren Cummings | Fax | Fire Chief | 450-6500 x 6604 | 450-6666 |
| 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 |



Pipe repair and insulation – completed on the afternoon/evening of the 21st.