

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

SITUATION REPORT

INCIDENT NAME: Doyon Rig Oil Based Mud Spill

SITREP #: 2 and Final

SPILL NUMBER: 11399900901

LEDGER CODE: Requested

TIME/DATE OF SPILL: The incident occurred at 12:30 PM on January 9, 2011. The ConocoPhillips Alaska, Inc. (CPAI) reported the incident to ADEC at 2:02 PM on the same day.

TIME/DATE OF SITUATION REPORT: 3:00 PM on January 11, 2011

TIME/DATE OF THE NEXT REPORT: This is the final situation report.

TYPE/AMOUNT OF PRODUCT SPILLED: Doyon Drilling, Inc. (Doyon) staff estimated that approximately 45 barrels (1,890 gallons) of mineral oil based mud were released from a Doyon drill rig to snow-covered gravel pad, snow-covered tundra, the wind walls, and the secondary containment of the rig. Doyon staff estimated the volume based on the amount of make-up mud required to refill the bore hole.

LOCATION: Kuparuk 2L Well 320

CAUSE OF SPILL: The cause of the release is under investigation.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc./Doyon Drilling Inc.

RESPONSE ACTION: A composite crew of ten Alaska Clean Seas and CCI spill responders continue to use tactical (fit-for-purpose) equipment, hand tools, brooms, and shovels to remove the misted mineral oil based drilling mud from the snow-covered tundra and gravel surfaces. Cleanup of the lightly misted snow-covered tundra is approximately 95 percent completed and the crew is working towards the more heavily misted area. Cleanup crews removed and stockpiled approximately 20 cubic yards of material. The material will be loaded into haul trucks and transported to a Class I and II injection facility. Cleanup crews will continue removing the material adhering to well shelters and pipelines, which were within the heavily misted area.

The Doyon drill rig was working on an impermeable liner, constructed with timber sidewalls, when the incident occurred; therefore, all the non-misted drilling mud was contained within the drill rig containment area. Doyon cleanup crew used a water flush and vacuum recovery tactic to recover and recycle mud fluids released inside the rig and completed the clean up by manually wiping down the affected surfaces. Cleanup inside the rig began on the upper level and progressed to the lower levels, capturing the recovered material and fluids in the cellar. Work remains in progress. Some of the recovered materials are suitable for recycle and some will be used for subsurface injection. The used absorbent wipes will be segregated and shipped to an approved energy recovery facility.

An ADEC responder arrived at Kuparuk on January 10 for site assessment, clean up monitoring, and work plan review.

No injuries or were reported from the incident.

SOURCE CONTROL: The well was shut in. Mud was returned to the well bore, stabilizing the subsurface conditions.

RESOURCES AFFECTED: Snow-covered tundra and gravel pad.

FUTURE PLANS AND RECOMMENDATIONS: The spill response crew will continue to conduct cleanup activities. Once the cleanup has been completed, analytical samples will be collected to determine if cleanup goals have been met.

WEATHER: Today: Cloudy. Areas of fog. Flurries. Highs around 10°F. East winds increasing to 15 to 20 mph.
Tonight: Decreasing clouds. Lows around -10°F. East winds 15 to 20 mph.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Kristy McCullough (CPAI)
F.O.S.C.:
S.O.S.C.: Tom DeRuyter (ADEC)
Field S.O.S.C.: John Ebel (ADEC)

FOR ADDITIONAL INFORMATION CONTACT: Tom DeRuyter, ADEC at (907) 451-2145

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 to the following agencies and stakeholders. This situation report was also distributed to the various agency staff listed on the standard distribution list. The receiving agencies listed in the standard distribution list includes: Governor's office, Senator Begich's office, ADF&G, ADNR, SECC, EPA, DOI, NMFS, and USFWS.

AGENCY/STAKEHOLDER	NAME	SENT VIA	ADDITIONAL INFO	TELEPHONE	FAX
ADNR	Melissa Head Gary Schultz	Email		451-2719 451-2732	451-2751
ADF&G (Habitat)	Al Ott/Jack Winters	Email		459-7285 or 459-7279	459-7303
AOGCC		Fax			276-7542
EPA	Matt Carr/Robert Whittier	Fax		271-5083/271-3247	271-6340
Attorney General Office	Cam Leonard/ Steve Mulder	Fax		451-2811/451-2914	451-2985/ 278-7022
Governor's Office (Fairbanks)	Parnell/Treadwell	Email		451-2920	451-2858
Lt. Governor's Office (Juneau)	Mead Treadwell	Email		465-3520	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
Legislator (Senate F)	John Coghill	Fax	Valdez	488-1546/465-3719	488-4271/ 465-3258
Legislator (House 12)	Eric Feige	Fax	Valdez	269-0129/465-4859	269-0128/465- 3799
North Slope Borough	Edward Sagaan Itta	Fax	Mayor	852-0200	852-0337
North Slope Borough	Dan Forster	Fax	Planning Director	852-0440	852-5991