

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

**SITUATION REPORT**

**INCIDENT NAME:** ENI Nikaitchuq Production Facility Flare Incident    **SITREP #:** 1 and Final

**SPILL NUMBER:** 11399904001

**LEDGER CODE:** 14308360

**TIME/DATE OF SPILL:** ENI Petroleum (ENI) employees discovered a spill of crude oil at the Nikaitchuq Production Facility at 09:50 PM on February 09, 2010. The spill was reported to the Alaska State Troopers at 11:33 PM. Alaska State Troopers reported the spill to the Alaska Department of Environmental Conservation at 11:36 PM.

**TIME/DATE OF SITUATION REPORT:** 11:00 AM on February 14, 2011

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

**TYPE/AMOUNT OF PRODUCT SPILLED:** ENI estimated approximately 55 gallons of crude oil spilled outside of secondary containment and six gallons within containment, resulting in a total of 61 gallons of spilled crude oil.

**LOCATION:** Oliktok Production Pad, Prudhoe Bay. Latitude: N 70° 30' 33.45" , Longitude: W -149° 51' 55.64".

**CAUSE OF SPILL:** ENI began oil production from the Nikaitchuq facility on January 30, 2011 and is currently operating in a functional process startup condition. The spill occurred after programmable logic circuits (PLC) failed to respond to set points on high level switches, allowing crude oil to pass through process vessels into the flare.

**POTENTIAL RESPONSIBLE PARTY (PRP):** ENI Petroleum (ENI)

**RESPONSE ACTION:** Control operators working with technical contractors brought production wells on line initiating the production process equipment which separates the crude oil from the formation fluids. Upon discovery of the spill, facility safety procedures were brought into action, technical staff identified the PLC conditions, and the onsite spill response teams (SRT) delineated the spill. Four SRTs have been working two 12 hour shifts since the release, removing lightly misted crude, developing a waste management cell, establishing contaminant reduction zones for decontamination and assessing cleanup actions for cleanup of the heavier misted gravel area. The lead SRT for Alaska Clean Seas (ACS) evaluated the volume of crude, and confirmed the product by collecting four analytical samples.

Spill responders used hand-tools to remove contaminated snow and a snow melting operation for hydrocarbon recovery and water injection. Contaminated snow was stockpiled on liners and was capped with ice to prevent off-site migration from the prevailing coastal winds. Approximately 60 cubic yards of snow and one cubic yard of gravel was impacted by crude oil within the flare and shall be removed during cleanup.

Production wells remained operating during the incident, and no injuries were reported. Cleanup was approximately 80% complete when two ADEC responders arrived to inspect the cleanup.

**SOURCE CONTROL:** Control operators and technical contractors isolated the PLC anomaly and initiated the required changes.

**RESOURCES AFFECTED:** Snow covered gravel.

**FUTURE PLANS AND RECOMMENDATIONS:** Remove oil stain on the flare tower, secondary containment and contaminated gravel beyond the secondary containment. Complete the snow melting operation. Site monitoring will continue during the break-up season to ensure the effectiveness of the cleanup actions.

**WEATHER:** Initial incident conditions Temp -6°F, winds at 5 mph from the Northwest

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: Allan Applehans, Production Supervisor, ENI  
F.O.S.C. : Matt Carr  
S.O.S.C. : Tom DeRuyter  
Field SOSOC: Ashley Anderson

**FOR ADDITIONAL INFORMATION CONTACT:** Tom DeRuyter 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. The 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	Gary Schultz/ Melissa Head	Fax		451-2732/ 451-2719/ 451-2724	451-2751 or 659-2965
AF&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 or 271- 3247	271-6340
Attorney General Office	Cam Leonard/ Steve Mulder	Email		451-2811/451- 2914	451-2985/ 278-7022
Governor's Office (Fairbanks)	Parnell/Campbell	Email		451-2920	451-2858
Lt. Governor's Office (Juneau)	Parnell/Campbell	Email			465-5400
Senator Murkowski's Washington DC Office	Chief of Staff	Email	North Slope only	(202) 224-6665	(202) 224- 5301
Senator Murkowski's Office in Fairbanks		Email	North Slope only	456-0233	451-7146
Legislator (Senate F)	John Coghill, Jr. (R)	Email	North Pole	465-4797 or (800) 860-4797	465-3884
Legislator (Senate T)	Donnie Olson (D)	Email	Nome	465-3707	465-4821
Legislator (House 12)	Eric Feige	Email	Valdez	269-0129	269-0128
Legislator (House 40)	Reggie Joule (D)	Email	Kotzebue	465-4833 or (800) 782-4833	465-4586
North Slope Borough	Edward Sagaan Itta	Fax	Mayor	852-0200	852-0337
North Slope Borough	Dan Forster	Fax	Planning Director	852-0440	852-5991



Crude Oil Delineation (*Photo taken by ENI*)