

SAFETY Alert ;
- Pipeline damage during water jetting

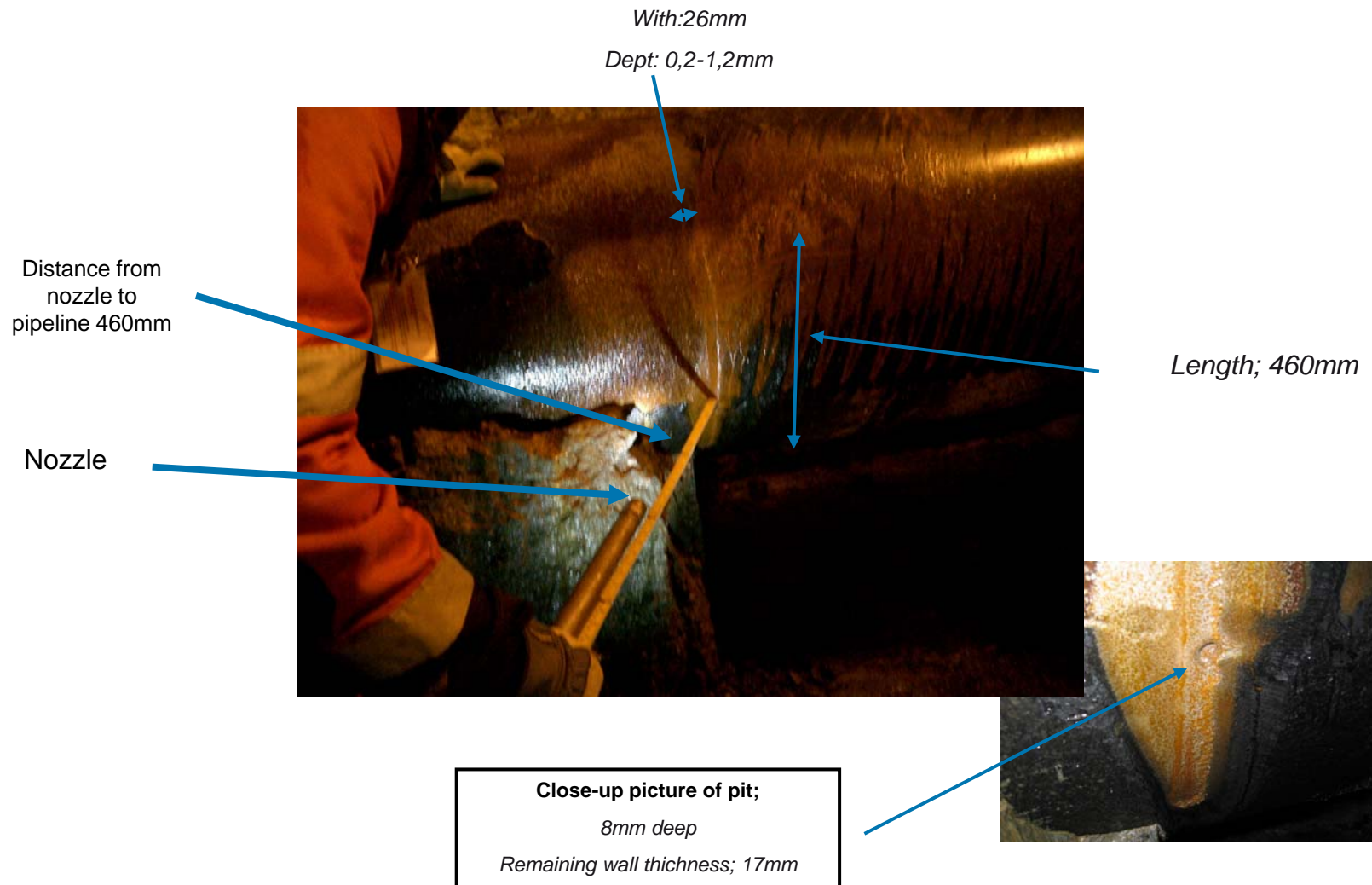
Country: *Norway*

Date: *6 October 2008*

Type of activity: *Water jetting – approx. 1000 bar and 180 l/min*

Type of damage: *Damage to pipeline*

SAFETY Alert - Pipeline damage during water jetting



SAFETY Alert - Pipeline damage during water jetting

- During removal of asphalt coating on a 30" gas pipeline, a water jetting method was used.
- During this operation the jetting equipment failed – resulting in the jet moving repeatedly along the same line for a duration of approximately 10-15 minutes.
- The distance from the jet nozzle to the pipeline was approximately 46 cm
- The operation caused a mark as seen from the picture:
 - Length ; 460mm
 - Width; 15mm up to 26mm
 - Depth; 0,2mm to 1,2mm at the ends
- The nozzle then got stuck in one position for approx. another 10-15 minutes and made a pit of 8mm dept - remaining pipeline wall thickness; 17mm
- The incident did not impact pipeline integrity.
- The incident is currently investigated by StatoilHydro and Gassco