

Step Change Safety Alert Template



Alert Title

Well SSSV hydraulic control line gas migration.

What leaked and where from? E.g.: "Lube oil leak from compressor system open vent"

Incident Date

04/02/2013

The date on which the incident occurred, not when this form was completed

Location Type

Fixed Production

E.g. Floating/Fixed Production, Drill Rig, Vessel, etc.

Specific Equipment Involved

SSSV hydraulic control line

Give as much detail as possible about the equipment involved

Description of What Happened

The hydraulic cabinet door was opened by an ops tech carrying out his routine daily rounds. He smelled gas and used his meter to confirm if it was. His meter detected 25%LEL. He returned to the control room and accompanied by another Operations technician confirmed the reading with a portable gas detector. Gas was detected in the hydraulic cabinet and was then traced back to well 2004 SSSV hydraulic control line. It was evident that there may be a seal failure within the SSSV.

Be as detailed as possible. Give equipment history and approximate time(s) of actions/occurrences related to the incident

Cause of Incident

EQUIPMENT/MECHANICAL FAILURE/FATIGUE/WEAROUT

Build from OIR/12 checklist

Incident Consequences

4.3 KG Condensate/Natural gas

Include the release itself and any subsequent emergency actions/dangerous occurrences

Lessons Learned

The "weep" was traced to a SSSV hydraulic Control Line from a well which was allowing a quantity of hydrocarbons to surface, most probably due to a seal failure at the SSSV.

Include a few bullet points clarifying what was learned from the incident

Recommendations/Actions

1. Isolate well
2. Investigate leak at SSSV.

Include a few bullet points stating any recommendations/actions that will be made/taken as a result of the lessons learned

Contact Details (Optional)

If you would like your submission to be anonymous, leave this section blank