



FINGER AMPUTATION DURING COILED TUBING OPERATION

Nan Hai VI
14th Dec 2008

DrillSafe Forum
Sydney June 2009

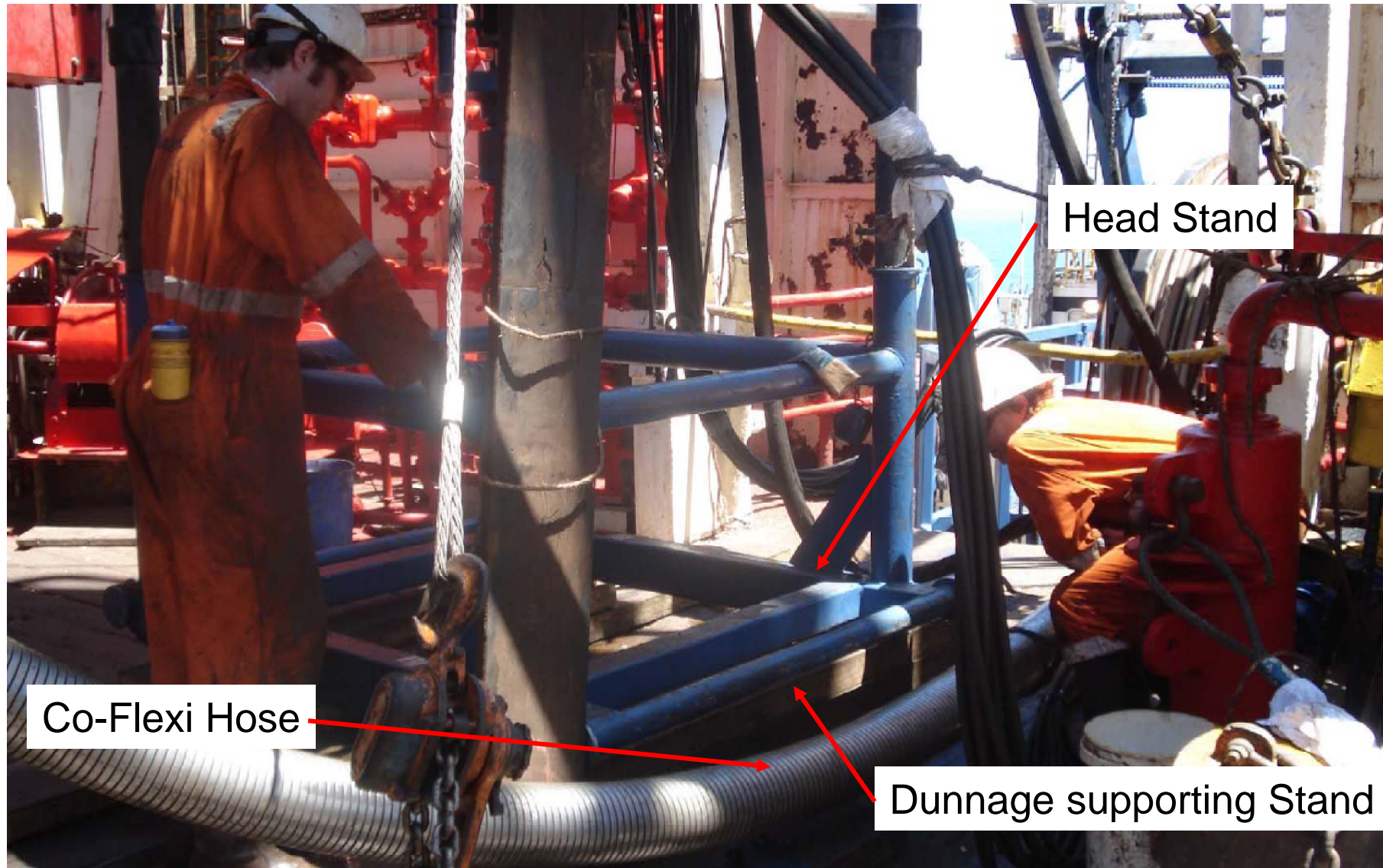
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WHAT HAPPENED

- At 11.30 on Sunday 14th December 2008; while on-board the Nan-Hai VI, a Floor-man sustained an de-gloving injury to the tip of his Right middle finger as a result of his finger being caught between dunnage and a steel Co-Flexi hose.



RESTRICTED WORK AREA



Shows PINCH POINT & how finger got caught



HISTORY

- Coiled tubing operations were being undertaken on the Vincent field.
- Work area on Rig floor was confined
- HAZID studies had been undertaken during the preparation for this operation.
- PTW & SJA Completed, Tool Box talk conducted.

INVESTIGATION FINDINGS

IMMEDIATE / UNDER-LYING CAUSES

1. Incorrect hand placement / pinch point
2. Co-Flexi hose position, size and heaving at time of incident
3. Incomplete Safety Job Analysis



INVESTIGATION FINDINGS

ROOT CAUSES

Design of head stand - Not suitable for the purpose. In-adequate hazard identification and task planning

- It was assessed that the Head stand arms required to be heightened. It was not assessed to build legs onto the base of the head stand, thus doing away with the use of dunnage.

RECOMMENDATIONS

1. Fit legs to base of Head Stand and ensure no new hazards introduced.
2. Where able, assess the possibility of fitting a more manageable / manoeuvrable Co-Flexi hose.
3. Implement checklist / audit of third party equipment prior to rig up operations.



HEAD STAND FITTED WITH LEGS



My PERSPECTIVE

- INJURY.....
- MEDIVAC.....
- THE VERDICT/MY OPTIONS...
- THE OPERATION...
- HEALING & HAND THERAPY...
- RETURN TO WORK.....



INJURY

- De-gloving Right hand middle finger.
- Reported injury to driller.
- Reported straight to medic.
- Medic assessed injury and decision to Medivac was made.



MEDIVAC

- Medivac to Karratha.
- Stitched finger back on.
- Overnight stay in hospital.
- Commercial flight next day to Perth.



THE VERDICT/MY OPTIONS

- Plastic surgeons view.
- Joint termination option 1.
- Flap option 2.
- Week later had operation.



HEALING & HAND THERAPY.



- Medication & Affects..
- Relying on family for help..
- Two weeks hand bound & stitched.
- Hand Therapy.
- Desensitizing & strength building.

RETURN TO WORK



- 8 weeks back at work.
- No need for change of job.
- Great support from my rig family.

SUMMARY





QUESTIONS?