

# SAFETY ALERT



## EMPLOYEE STRUCK BY DRILL LINE WHEN THE WIRE ROPE GRIP (SNAKE) PARTED ALERT 1-20

### WHAT HAPPENED:

The drill crew was in the process of changing out the 2" drill line on the rig floor and as the Driller was picking up the draw works to remove the slack from the drill line, the wire rope grip "snake" parted, and the drill line fell to the rig floor striking a Floorman. The Floorman sustained injuries to his ribs and back as a result of being struck by the drill line.



Drill line position after wire rope grip failed

***A Safety Alert can consist of any type of health, safety & environment (HSE) notification or Near Miss/Near Hit alert. Proactive Alerts on jobs well done are also encouraged.***



Failed components of the wire rope grip

#### **CONTRIBUTING FACTORS:**

- The drill line wire rope grip (Snake) was overloaded past its breaking strain causing it to fail and drop to the rig floor.
- Personnel were not in an area that protected them from the falling drill line.

#### **LESSONS LEARNED:**

- Going forward, the use of wire rope snakes with *drill lines* will require a risk assessment and MOC approved by a Vice President.
- Investigate the use of alternative to the current approved wire rope grip ‘snake’ for all wire sizes used.
- Wire rope grips will be taken out-of-service and discarded after one use.
- The rig floor will be cleared of personnel while the drill line is being pulled by the drawworks or line spooler.