



<b>Incident Title:</b>	<b>Fall from height during well intervention activity</b>
<b>Outcome:</b>	Near miss
<b>Location:</b>	Permian Basin

### What Happened:

- While tripping tubing in the hole, the derrickman's self-retracting lifeline (SRL) became wrapped around the tubing stand being latched in the elevators.
- As a result, the derrickman was lifted approximately 7' off the tubing board before the SRL line broke and tore his safety harness.
- The derrickman, still fastened by the positioning lanyard (belly rope), fell to the tubing board.
- Risk controls in place: IOGP life saving rule Working at Heights and company verifications

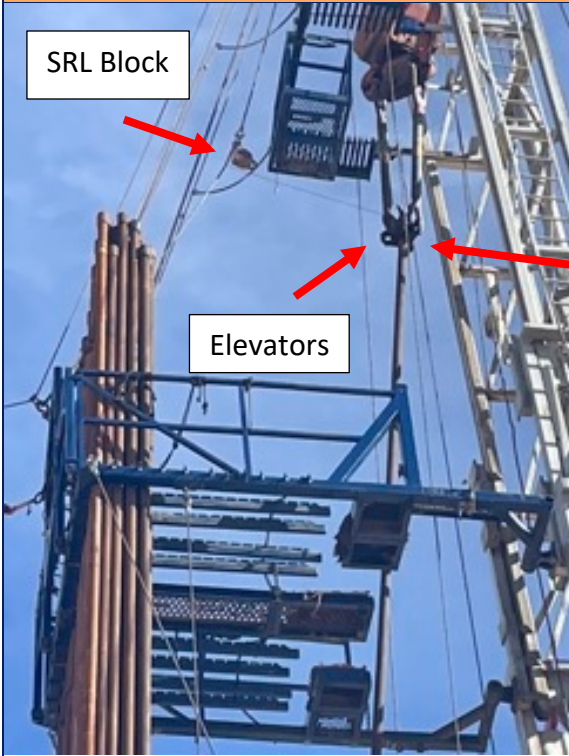
### Contributing Factors:

- The tension forces applied on the SRL line caused it to pull apart.
- The tension forces applied to the safety harness deployed the impact indicators as designed (like impact loading in the event of a fall).
- The SRL was intentionally wrapped around the positioning cable, from which the SRL hung, to keep from rubbing on and bumping the Derrickman's hard hat. This created slack in the line.
- Wind speed increased significantly prior to the incident which introduced a higher likelihood of the SRL line interfering with moving objects in the derrick. The risk of introducing slack in the SRL line was not recognized as a potential hazard.
- Change in personnel – Relief operator was running the rig.

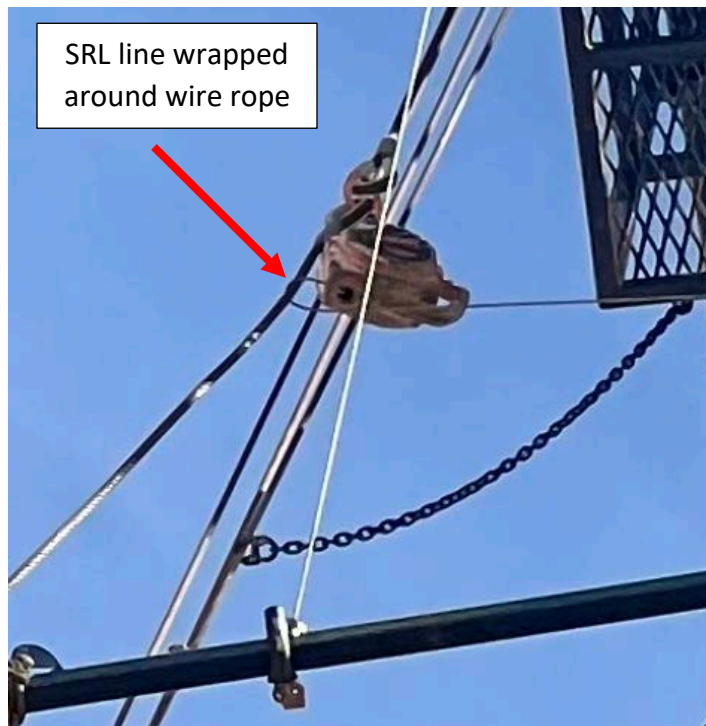
### Lessons Learned:

- Do not allow Derrickman to wrap SRL line around anything, doing so can:
  - Create slack in the lifeline which can be caught by moving parts in the derrick, and/or
  - Prevent the SRL from functioning properly in the event of a fall.
- Contractor companies implement a method of verification for monitoring compliance and taking corrective actions for non-compliance.

**Visuals:**



Note the SRL line caught between the tubing collar and elevators



Tension forces applied to the safety harness deployed the impact indicators as designed (like impact loading in the event of a fall).

