

## Adamson 35C-28HZ - Form 22 Subsequent Notice of Accident

### Event Description:

Well control was lost during workover activities for the Adamson 35C-28HZ well. This was a non-routine operation. Kerr-McGee was working to retrieve a piece of compromised coil tubing that had become stuck in the well. Multiple trips to retrieve the tubing were successfully completed prior to the well becoming under-balanced. Multiple attempts and methods to isolate the flow from the wellbore were unsuccessful. Location was evacuated, emergency response activities commenced and the release was stopped by placing an additional valve on the wellhead.

### Root Causes:

- Maintaining Hydrostatic Balance during fishing activity
  - Insufficient weight fluid
  - Well not completely full
- Ineffective Mechanical Barriers
  - BOP Blind rams unable to close due to washpipe in BOP
  - BOP Shear rams failed to shear 4 ½" washpipe

### Action Items:

- To address maintaining hydrostatic balance, a well specific Fluid Management and Trip Management Plan will be created which will include trip speeds, swab/surge potential, fill points, displacements and volume tracking. Rigorous monitoring and reporting of fluid volumes will be required as per the plan.
- To address the ineffective mechanical barriers, a Guideline for Workover Rig Fishing Operations for BOP, accumulator and TIW design will be developed.
- Training will be developed to address criteria guidelines to help identify non-typical operations and re-evaluate site risk accordingly.