

TECHNICAL ALERT



To: All IPS Coiled Tubing Operations

Date: April 26, 2007

## TOT BOP SLIPS

**Incident:** An IPS coiled tubing operation required the slips to be set to hold the coiled tubing while the pipe was being cut above the BOP's. The slips failed to hold and the pipe ran into the well pulling the injector head and crane over.



**Findings:** The slips were set hydraulically and then the manual locks were tightened by hand. The coiled tubing was 1-3/4" and 100,000 psi yield material. TOT was contacted and the manual locks need to be tightened to at least 200 ft-lbs to hold properly.

**Actions:** Please review all BOP operating procedures with coiled tubing personnel. Please make sure all coiled tubing personnel are aware that the manual locks on the slip rams need to be tightened to 200 ft-lbs. This requires a 24" wrench be placed on the hand wheel and 100 lbs pull applied to the end of the wrench. The 200 ft-lbs value may or may not be in all versions of the TOT BOP operating manuals.