DYNAMIC INTERNATIONAL

PREPAREDNESS

PREVENTION & MITIGATION

RESPONSE

RECOVERY

WELL CONTROL

EMERGENCY RESPONSE PLANS

Dynamic International uses a **Hazard and Effects Management Process (HEMP)** for hazard Identification and control. Well control related risks including blowouts are handled in the same manner as other corporate risks. A well blowout is a major incident hazard. ie. if realized it has the potential to cause fatalities, extensive asset damage, a massive effect on the environment and negative impact on the reputation of the client and their partners. **BowTie diagrams** are the predominant tools used to visualize threats. consequences, and control and defense barriers.

The **Dynamic WCERP** is arguable one of the best tools available for determining what level of risk we are accepting. The exhaustive process provides the client with a detailed picture of risks associated with a blowout.

Following completion of the **WCERP** the client has the option of moving forward (tolerating the identified risks) or modifying the drilling program. If the project continues the **WCERP** provides the client with a plan to effectively deal with an incident.

Our **WCERP's** are custom crafted for each specific well based on the data request sheet that is completed by each client. Once complete **WCERPs** provide (not a definitive list):

- Emergency management organization and job descriptions
- Mobilization priorities
- Initial procedures and instructions
- Pre-qualification of critical equipment. personnel, contractors and suppliers data acquisition needs for site survey and files

- HSE documentation and audits
- Emergency classifications, risks and consequences
- General intervention strategies
- Blow-out scenarios
- Company ICS Structure
- Establish Response Protocols

- Specific intervention strategy - Identifies relief well and surface needs for hypothetical blow-outs on critical structures and exploration wells; and
- Logistics and support - Details of and how to source equipment, material and services requirements based on scenarios and local capabilities.