**WELL CONTROL CONTINGENCY PLAN (WCCP)**

Formally known as Blowout Contingency Plan (BCP)

The Boots & Coots Well Control Contingency Plan (WCCP) is a custom-crafted well(s) specific response guide that is applicable to organizational levels which include (unless otherwise noted): Initial Response Procedures, Surface Blowout Scenarios, Logistics, Emergency Classifications, and Critical Elements which include: Equipment, Personnel, Suppliers, Mobilization, Safety, General Intervention Strategies, and Emergency Management Organization.

Note: WCCP excludes Relief Well Contingency Plans.

The WCCP is organized in a user friendly format featuring a Blowout Rapid Guide (BRG) and responder checklist. These features allow clients to effectively prepare response personnel to conduct training and exercises needed to establish and maintain the core capabilities of a blowout response operation.

Given the varying nature of blowouts, the concepts and principles of the National Incident Management System (NIMS) are incorporated into each Boots & Coots WCCP to ensure flexibility and promote seamless integration of external agencies whenever necessary.

Blowouts are costly and have the potential for causing catastrophic loss of life and assets. In addition, there could be significant negative impacts on the environment and business reputations. To address all of the inherent risks associated with each of these possibilities, Boots & Coots uses a Hazard and Effects Management Process (HEMP) during the development of each WCCP for hazard identification and control.

BowTieXP diagrams are predominantly used to visualize threats, consequences, control, and defense barriers. Additional tools such as well plan reviews, plume dispersion modeling, dynamic kick tolerance assessments, and relief well planning are also available as options, but are not included in the WCCP.

To further assist clients with the disposition of identified risks, Boots & Coots applies a methodology that dictates the following:

- **Treated** – client engineers out risk
- **Transferred** – client transfers risk by subcontracting work
- **Tolerated** – client accepts risk as is
- **Terminated** – client rejects risk and takes steps to identify other options

Upon completion of the WCCP, the client has the option of moving forward (tolerating the identified risks) or modifying the drilling program. If the project continues, the WCCP provides the client with a plan to effectively respond to a well control event.

Each WCCP contains the following:

- Response team organization and job descriptions
- Mobilization priorities
- Initial response procedures
- Lists of critical equipment, personnel, contractors, and suppliers; data acquisition needs for site survey and files safety, documentation and audits
- Emergency classifications, risks, and consequences
- General intervention strategies
- Blowout scenario levels
- Specific intervention strategy identify relief well and surface needs for hypothetical blowouts on critical structures and exploration wells
- Logistics summary containing details on how to procure and transport personnel, material and equipment
Features
- Corporate Auditable Master Well Control Contingency Plan in a 3-in. hard binder
- Blowout Rapid Guide for distribution to field offices that contains specific response procedures, checklists, material & equipment lists, external agency contacts, vendor contacts, and internal personnel contacts
- Tally book sized Blowout Rapid Guide for distribution to field personnel
- WellCall™ app for iPhone or Android

Benefits
- Meets federal NIMS standards
- Seamlessly integrates with any corporate response team infrastructure and document control program
- Designed for maximum mobility and durability
- Includes all regulatory compliance requirements
- Provides current contact info for all external agencies, vendors and internal personnel
- Includes user friendly step-by-step checklists for responders to use as a guide during a response operation
- Outlines all of the materials, equipment and personnel needed
- Provides instructions on how to transport materials, equipment and personnel to and from the incident scene
- Designed to allow options to be added upon request

For more information, contact your Boots & Coots representative or email us at boots-coots@halliburton.com.