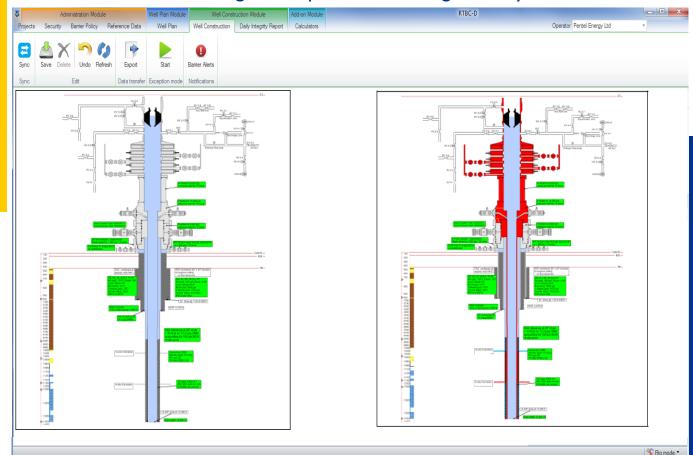
# **RTBC**



#### **RIGHT TIME BARRIER CONDITION - DURING DRILLING & COMPLETIONS**

## Reduce your Well cost and blowout risks

- Enhance your barrier integrity tracking throughout well life
- Access quality well data at all times
- · Have a visual display of your barriers, anywhere, at any time
- Make smarter and faster decisions with accurate information
- Demonstrate to management, partners and regulators you are in control



A field proven, user friendly encrypted cloud based system that provides instant clarity on downhole and surface barriers conditions.

In use by operators and regulators in the North Sea and Australia.

Stuart Wright Pte Ltd (www.stuartwright.com.sg)
8 Cross Street, #28-01 Manulife Building, Singapore 048424
For more details please contact:
Colin Street (Managing Director): colin street@streetwright.

Colin Stuart (Managing Director): <a href="mailto:colin.stuart@stuartwright.com.sg">colin.stuart@stuartwright.com.sg</a> Sean Foo (R&D Head): <a href="mailto:sean.foo@stuartwright.com.sg">sean.foo@stuartwright.com.sg</a>

■ UK +44 (0) 746 917 2175■ SG +65 9025 7248



#### **Pre Spud**

#### **Incorporates your Standards:**



•Identifies barrier rules and Critical Acceptance Criteria
•Creates unique RTBC-D digital barrier policy library

#### Creates a Barrier Well Plan:

•Sets up planned "Activities" as per Drilling Program

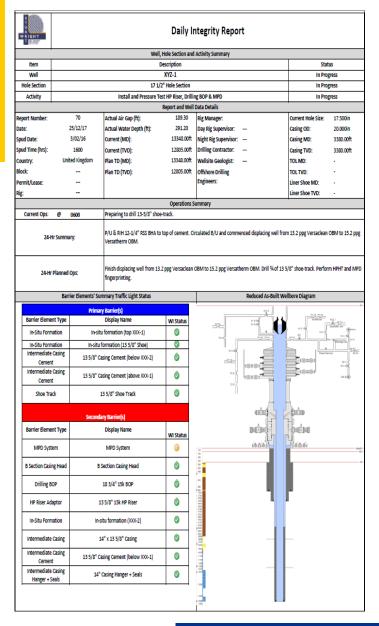
•Defines Primary and Secondary barrier elements in each Activity

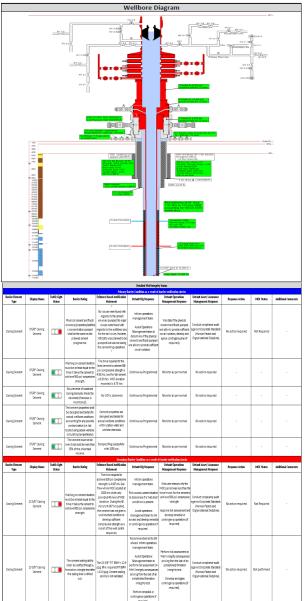
•Applies specific barrier rules from "Policy" library to every barrier element

#### **Post Spud**

#### **Creates a Well Build:**

- •Rig user identifies actual barrier element condition according to company policy
- •Reports compliances/non compliances daily, including barrier restoration actions
  - •Provides accurate context rich as-built wellbore diagrams
  - •Upload barrier validation evidence documents into repository
  - •Sends real-time SMS and e-mail alerts to personnel in charge





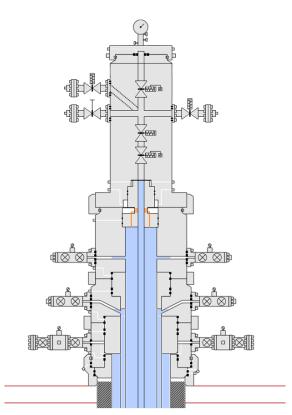
#### **Completions Phase**

#### **Enhanced Drawing Package for Completions + Interventions:**

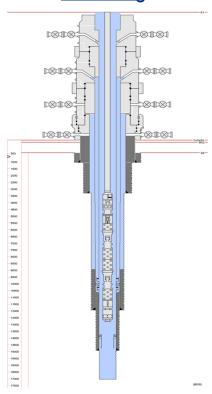
 Accurate representation through user customizable Xmas Tree, downhole detailed completions, Coil Tubing & surface PCE



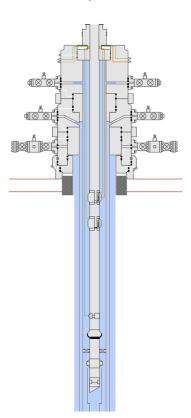
#### **Xmas Tree**



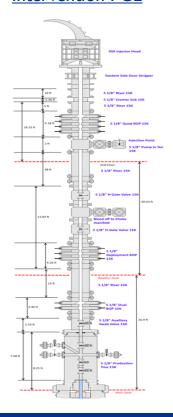
#### **Coil Tubing**



#### **Completions**



#### **Intervention PCE**





## **Well Test + Production Phase**

# Surface Equipment Drawing Package for Well Test and Annulus Pressure Management Spread:

- Accurate representation of Well Test Spread including flow paths, critical valves, manifolds and Separators that are easily user customizable.
- Accurate representation of Annulus Pressure Management network, including line up to wellhead annulus outlet(s), bleed manifold and Surge tanks.
- All safety critical systems (ESD) and alarms can also be represented.

