“P³ Perfect Plug Placement”
Balanced Plug Cementing System

“A disposable drillable system that reliably places balanced cement plugs in wells”

This document contains confidential information.
What is P³?

• A disposable drillable system to reliably, accurately and quickly place balanced cement plugs in wells, for abandonment, suspension, kick-off, losses or whenever a cement plug is required

• Based around GRP Fibre-glass tubing as a disposable stinger that stays in the well

• Run on Drill-pipe, Steel Tubing or Coil Tubing

• Can be supplied tailored to a specific job or a boxed contingency kit ready to select, pick up and use

• The system comprises the appropriate length of 2.7/8” or 3.1/2” GRP Fibre-glass tubing, a disconnect tool, centralisers, ball, dart and optional accessories

• Well site supervisor not essential
What are the benefits of using P³?

- Allows for accurate placement of cement plugs in well, top and bottom
- Avoids the risk of cementing steel pipe stingers in the well
- Allows longer plugs to be laid in one run due to reduced risk
- Reduces rig time as tubing does not need to be laid down
- Improved plug quality as no disturbance pulling pipe through liquid cement
- Drill pipe wiped during job by dart
- Easily drilled up if and required
Drill-Pipe

Disconnect Tool

Fibre-Glass GRP Tubing

Diverter Ball

Diverter Sub (ball in place)
Drill-Pipe Dart

Drill-Pipe Dart (lands in Disconnect Tool)

Disconnect Tool Separates (Drill-Pipe With-drawn)

All Parts left in well are Drill-able
P³ Disconnect Tool

Steel Retrieve-able Top Sub

Contingency By-Pass Rupture Disc

Tubing Connection Pin

Drillable Aluminium Dart/Ball Seat

Release-able Collet

Drill Pipe Connection Box

Drillable Aluminium Bottom Sub

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P³ Disposable/Drillable GRP Fibre Glass Tubing
P³ Disposable/Drillable Accessories

- Stinger Guide Diverter Sub
- Plastic Bow Centralisers

Stinger Guide Diverter Sub c/w Cup
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