

“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?

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- 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

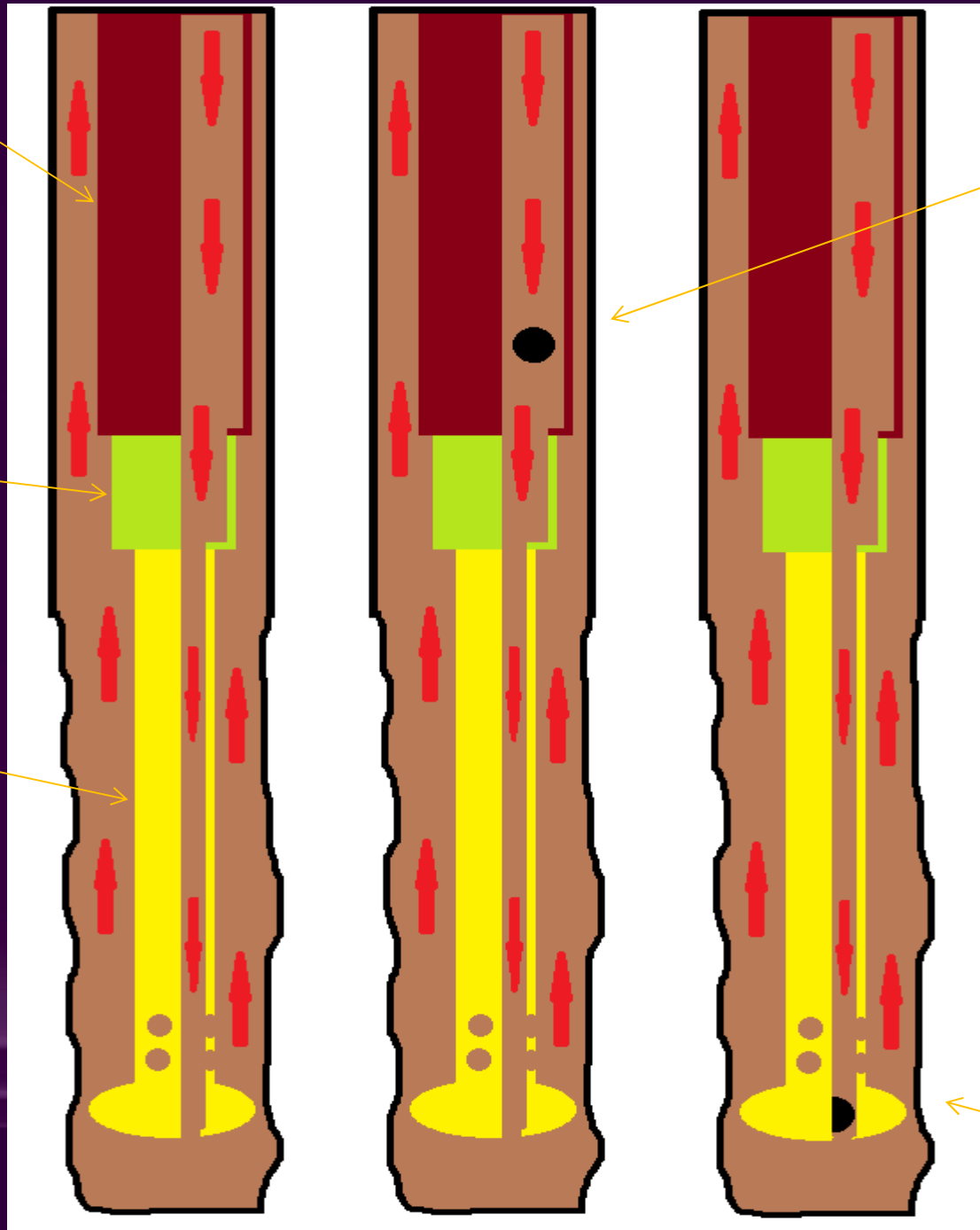
Disconnect Tool

Fibre-Glass GRP Tubing

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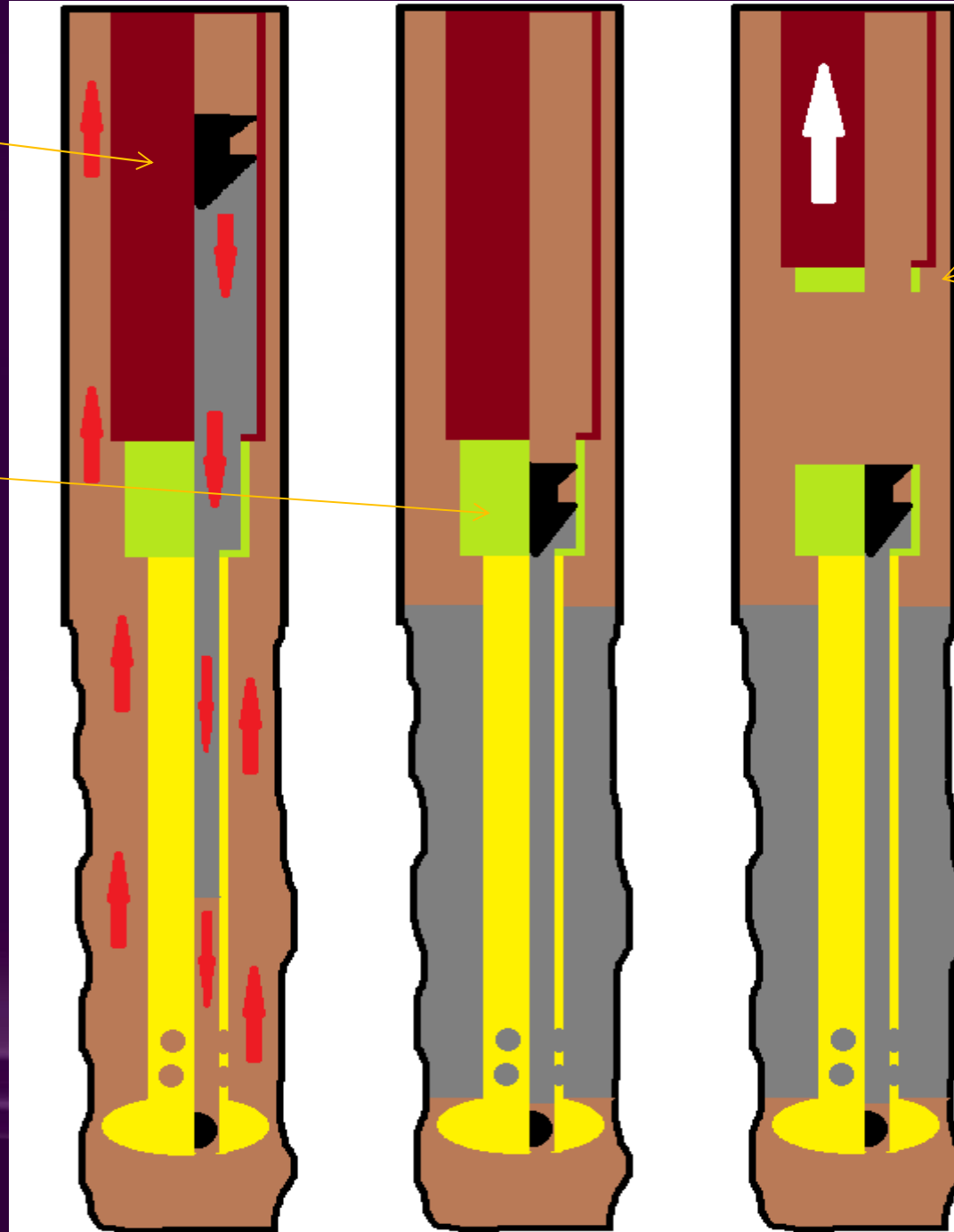
Diverter Ball

Diverter Sub
(ball in place)



Drill-Pipe
Dart

Drill-Pipe
Dart (lands in
Disconnect
Tool)



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Disconnect
Tool
Separates
(Drill-Pipe
With-drawn)

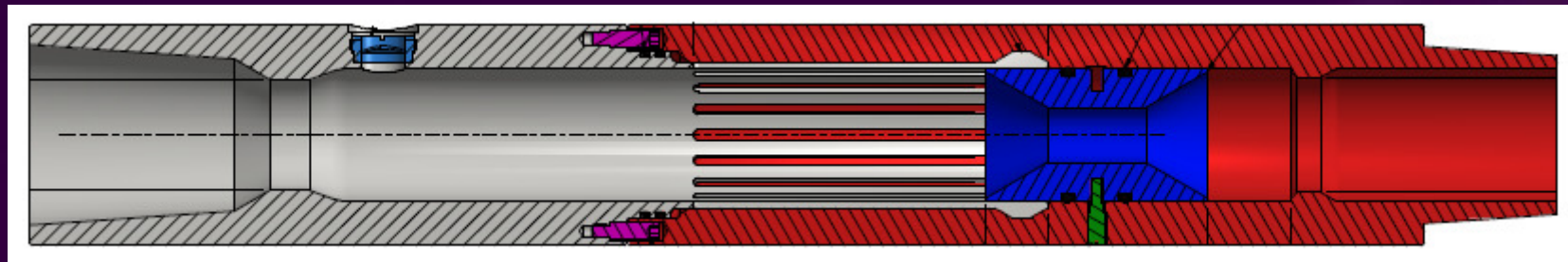
All Parts
left in well
are Drill-
able

P³ Disconnect Tool

Steel
Retrieve-able
Top Sub

Contingency
By-Pass
Rupture Disc

Tubing
Connection
Pin



Drill Pipe
Connection
Box

Release-able
Collet

Drillable
Aluminium
Dart/Ball
Seat

Drillable
Aluminium
Bottom Sub

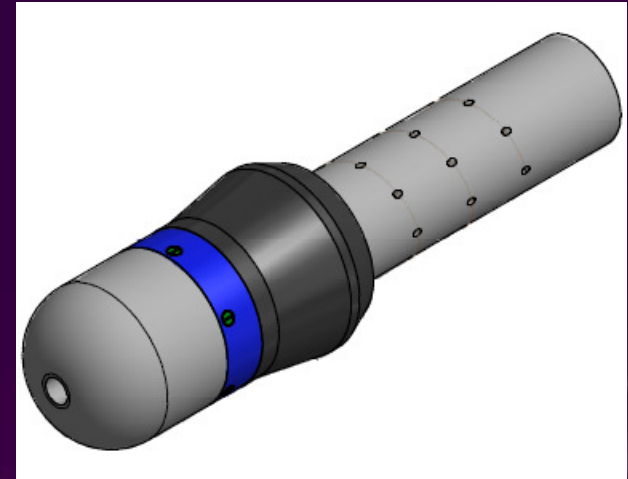
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P³ Disposable/Drillable GRP Fibre Glass Tubing

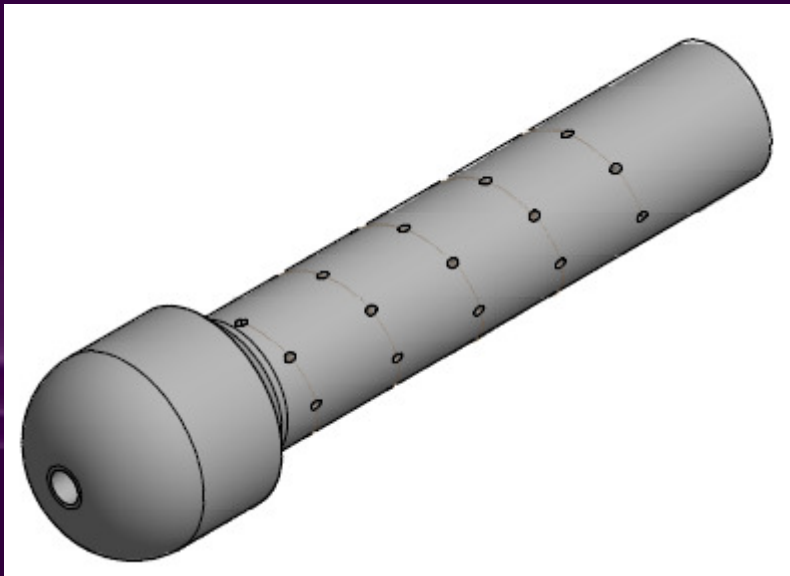


P³ Disposable/Drillable Accessories

Stinger Guide
Diverter Sub
c/w Cup



Stinger Guide
Diverter Sub



Plastic Bow
Centralisers



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