

Nonexplosive Oilfield Products

Global Sales & Service



Please read this entire document. It concerns all 9^{5/8}" Vented Thru-tubing Bridge Plugs

Read this document before proceeding to NeoProducts Recommended Best Practices for 9^{5/8}" vented T-TBPs.

Whenever running a 9^{5/8}" **Neo** vented metal petal thru-tubing bridge plug (**Neo**T-TBP) it is essential that WL operators be aware of the following:

Whenever running a 9^{5/8}" **Neo** vented T-TBP at service temperatures below 235° F, the metal petal basket can be destroyed if too much cmt slurry weight is placed atop the basket. The following operations are recommended when service temperatures are below 235° F.

When plugging-back in 9^{5/8}" csg using a vented T-TBP and WL dump bailing operations, the first dumped batch of cmt slurry must protect the metal petal basket. It must develop strength and bond to the csg before a second cmt slurry batch can be placed atop the first cmt slurry batch. It is mandatory that the first cmt dump run must be set and capable of supporting the weight of subsequent cmt slurry dump runs.

1. The 1st dump run should be 2 gallons of ceramic bridging aggregate or 20/40 mesh sand. Dump the aggregate/sand from 5 – 10 ft above the top on the vented T-TBP.
2. Locate the bottom of the cmt slurry bailer 3 ft above the metal petal basket and dump 4½-5½ gallons of 17 ppg **Neo**SuperSlurry atop the aggregate/sand,
3. If you do not accelerate the strength development and bonding of your cmt slurry to csg you must wait on cement before GIH with a 2nd **Neo**SuperSlurry cmt dump run as follows:
 - a. WOC 5 hrs if the temp at the basket is above 255° F, or
 - b. WOC 6 hrs if the temp at the basket is between 225°-255° F, or
 - c. WOC 7 hrs if the temp at the basket is between 210°-225° F, or
 - d. WOC 8 hrs if the temp at the basket is between 195°-210° F, or
 - e. WOC 9 hrs if the temp at the basket is between 175°-195° F, or
 - f. WOC 10 hrs if the temp at the basket is between 160°-175° F, or
 - g. WOC 20 hrs if the temp at the basket is between 70°-160° F.

NeoProducts recommends that WL companies always load out with multiple **Neo** Accelerator Modifier Packs (P/N 0101-225-017) whenever dumping cmt slurry at service temperatures below 225° F.

4. If you accelerate the strength development of your cmt slurry, **Neo** Accelerator Modifier Packs can reduce WOC times by 2-6 hrs, for example:
 - i. WOC 5 hrs if the temp at the basket is between 210°-225° F, or
 - ii. WOC 5½ hrs if the temp at the basket is between 195°-210° F, or
 - iii. WOC 6 hrs if the temp at the basket is between 175°-195° F, or
 - iv. WOC 7 hrs if the temp at the basket is between 150°-175° F, or
 - v. WOC 7½ hrs if the temp at the basket is between 125°-150° F, or
 - vi. WOC 14 hrs if the temp at the basket is between 70°-125° F.

Contact **Neo**Products for more details on the subject matter above.