

Abandonment Gun System

Designed for economic abandonment of wells with large diameter casing, this system is often associated with deepwater wellwork. The Abandonment Gun System supplies perforation of the inner casing string while leaving the secondary string intact. Squeeze work can be accomplished with this system in the wellbore, run below a cement retainer. This system can be run on wireline or via tubulars.

Applications:

Perforate large diameter dual casing strings
Produce a sufficient squeeze hole in the first string without damaging the second string
117/8", 71.8#, Q-125HC inside 16", 84#, N-80
135/8", 88.2#, Q-125HC inside 16", 84#, N-80
16", 84#, N-80 inside 20", 129#, X-56
Run below Cement Retainer.

Features:

Three 4 1/2" guns oriented and loaded to 2 spf away from center axis
Shoot 39 holes over a 4' interval with an average EHD of 0.44" actuated by a single absolute pressure firing head
Can be run on wireline or drill pipe

Benefits:

Perforate and squeeze in one trip with holes on all sides of the casing.
Engineered, high quality shaped charge testing.
Save rig time by eliminating wireline perforating and doing it on a single trip, as well as not having to balance fluid weights prior to shooting wireline guns.
Cost savings can easily exceed \$90,000 per run.

