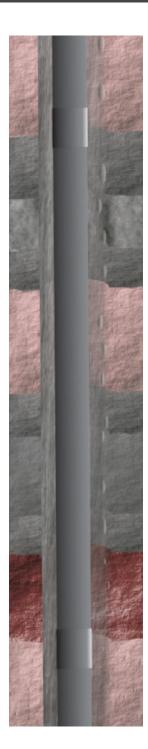


## **AKAA-37: 37 SPM FOR OPTIMAL CHANNEL INTERSECTION**



**SCVF/GM Channel Intersection:** The migration of formation fluids through channels is a major concern for the oil and gas industry. Communication of unwanted fluids can increase costs and decrease production. The communication of gas or liquid behind the production pipe is also a major environmental concern. To stop the communication of unwanted fluids a system to better intersect channels while gaining formation access is essential.

After modelling overlapping charge arrays, it was determined the AKAA-37 arrangement was a superior annulus intersection pattern than what exists on the market today. This multiple-gun array allows for large holes to aid with cement squeeze access as well as minimal charge overlap while maintaining casing integrity. Balancing large entry holes with penetration performance, the AKAA-37 optimizes conventional overlapping guns for remedial performance while minimizing costs.

