



- INCREASED POROSITY,
- PERMEABILITY, AND PERFORMANCE
- IN SALTWATER DISPOSAL
- APPLICATIONS

Performance. Kodiak Enhanced Perforating Systems™, the market’s best internal gun propellant, can boost injection system performance in saltwater disposal applications – offering well owners and operators several advantages. **Cost savings.** This innovative solution offers a strategy to reduce costs by increasing the volume of fluids that can be injected following stimulation, and/or decreasing horsepower requirements at the wellhead. **Modeling.** By employing PulsFrac™ modeling software, the effectiveness of the stimulation can be accurately predicted, and the number of charges and propellant pucks can be determined for optimal stimulation. In addition, WEM™ modeling can be used to predict surface injection pressure and the amount of fluid that can be injected.

Saltwater Disposal Applications

Advantages:

- Clean tunnels every time
- Induced fractures up to 9 feet in length
- Optimized gun systems using software modeling
- Elimination of formation skin damage

Gun size	2.75"	3.125"	3.375"	4"	4.5"
4 SPF	Yes	Yes	Yes	Yes	Yes
5 SPF	Yes	Yes	Yes	No	No
60 Deg	STD	STD	STD	STD	STD
90 Deg	OPT	OPT	OPT	OPT	OPT
Scalloped	STD	STD	STD	No	STD
Slick	No	OPT	OPT	STD	No
Length	21 Feet	21 Feet	21 Feet	21 Feet	21 Feet

For reduced shot densities and select fire switches, contact Owen