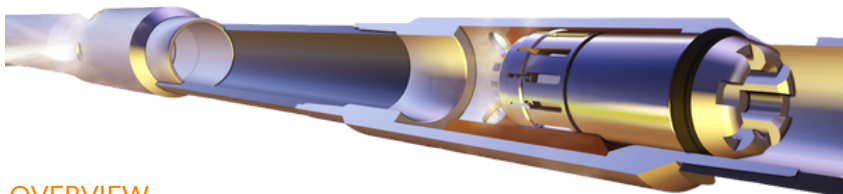


RPG Unlimited™

UNLIMITED WIRELESS PLUG SYSTEM



OVERVIEW

Interra's RPG™ (Replace Perforating Guns) system is designed to give the operator total control. This field-proven, unlimited stage system designed for both single and multipoint entry. It has a consistent large seat ID from toe to heel, enabling unlimited stages, and a sleeve design that is proven, simple and reliable. Electronic components in the plug allow for control of exposure time, temperature and fluids.

OPERATION

A uniform sleeve is placed throughout the lateral at any required spacing. Stimulation is completed by deploying a wireless plug with a proprietary non-mechanical internal counting mechanism. As the plug passes each RPG sleeve, it registers as a "count." When the target number of counts is observed, the plug locks to engage the target sleeve or cluster of sleeves, shifting open.

With the targeted sleeve(s) open, the stimulation is pumped and followed with the next plug, programmed to "count" to open the next targeted sleeve(s). Following the stimulation of all stages, flow-back can begin immediately through the center of the plug without intervention.

Features & Benefits

- ★ Works with open and cemented applications.
- ★ No intervention required, from install to flowback.
- ★ Unlimited stage count.
- ★ High pressure and high temperature capabilities, up to 15K psi and 400 F.
- ★ A large bore ID that enables no rate restrictions.
- ★ No length restrictions that extend your lateral.
- ★ Optimizes proppant placement with limited entry erosion resistant nozzles.
- ★ Screen out friendly.
- ★ Millable or dissolvable.
- ★ Reduces fracture time with continuous fracturing operations.
- ★ Reduces costs and improves safety while requiring fewer services on location.
- ★ Field-proven.

SPECIFICATIONS

Tool Size in. (mm)	Max. Outside Diameter (OD) in. (mm)	Min. Inside Diameter (ID) in. (mm)	Length ft (m)
4.50 (114.3)	5.750 (146.05)	3.750 (95.25)	3.92 (1.19)
5.00 (127.0)	5.750 (146.05)	3.750 (95.25)	3.92 (1.19)
5.50 (139.7)	7.000 (177.80)	4.778 (121.36)	4.08 (1.24)
6.00 (152.4)	7.625 (193.67)	5.240 (133.09)	4.08 (1.24)