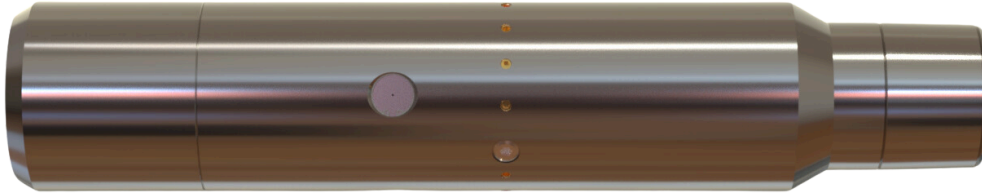


# RPG UNLIMITED™

## UNLIMITED WIRELESS PLUG SYSTEM



### OVERVIEW

Interra Energy's RPG™ (Replace Perforating Guns) system is designed to give the operator total control of their completion strategy. This field-proven, unlimited stage system is designed for both single and multipoint entry completions. 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 minimizing risk related to exposure time, temperature and fluids.

### OPERATION

A uniform RPG sleeve is installed with the liner placed throughout the lateral at any required spacing. Stimulation is completed by deploying a Wireless Frac Plug (WFP) 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 engages and shifts open the target sleeve or cluster of sleeves.

With the targeted sleeve(s) open and the plug locked in place to isolate the stage, the stimulation is pumped and followed with the next plug, programmed to "count" to open the next targeted sleeve(s). Following stimulation of all stages, flowback can begin immediately through the center of the plug without intervention.

### SPECIFICATIONS

RPG Single Point System								
OD in / mm	Weight		OD		Sleeve ID		Seat ID	
	lb/ft	kg/m	in	mm	in	mm	in	mm
4.5 / 114.3	13.5	20.09	5.750	146.05	3.885	98.68	3.525	89.54
	15.1	22.47	5.625	142.88	3.751	95.28	3.525	89.54
			5.750	146.05	3.751	95.28	3.525	89.54
5.5 / 139.7	20.0	29.76	6.875	174.63	4.700	119.38	4.475	113.67
	23.0	34.23	6.875	174.63	4.592	116.64	4.367	110.92

\*Specifications continued on back\*

### FEATURES & BENEFITS

- Eliminates intervention from install to flowback.
- Unlimited stage count and unrestricted lateral length.
- High pressure and high temperature capabilities.
- A large bore ID, no rate restrictions.
- Increase cluster efficiency with customizable limited entry erosion resistant nozzles.
- Fully dissolvable WFP options.
- Reduces frac time with continuous pumping operations.
- Reduces costs and improves safety while requiring fewer services on location.
- Millable seats.

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RPG Multipoint Point System								
OD in / mm	Weight		OD		Sleeve ID		Seat ID	
	lb/ft	kg/m	in	mm	in	mm	in	mm
4.5 / 114.3	13.5	20.09	5.750	146.05	3.805	96.65	3.620	91.95
	15.1	22.47	5.750	146.05	3.710	94.23	3.525	89.54
5.5 / 139.7	20.0	29.76	6.875	174.63	4.700	119.38	4.475	113.67
	23.0	34.23	6.300	160.02	4.025	102.24	4.025	102.24
			6.875	174.63	4.592	116.64	4.367	110.92

RPG Single Point Reclosable System								
OD in / mm	Weight		OD		Sleeve ID		Seat ID	
	lb/ft	kg/m	in	mm	in	mm	in	mm
4.5 / 114.3	13.5	20.09	5.750	146.05	3.885	98.68	3.620	91.95