



**GEM WORKSHEET**  
**PERFORATOR DOWNHOLE PERFORMANCE PREDICTION**  
 Phone (800) 320-5110 FAX (972) 493-2300  
 www.titanspecialties.com

Prediction for:					Date:		
FAX to Name / number:							
E-mail address:							
<b>WELL CONFIGURATION AT PERFORATION DEPTH</b>	Perforation zone depth (TVD): _____ feet or _____ meters					Typical:	
	Completion medium (water, mud, gas): _____ Fluid density: _____					Water 8.33	
		OD (inches)	Wt. (Lb/ft)	Pipe Grade	Annular Medium	Ctr or Ecc in Next string	
	Outer Csg						
	Middle Csg						
	Inner Csg						
Inner Csg ID				Borehole or Bit Diam. (in)			
<b>RESERVOIR</b>	Reservoir pressure (psi): _____ (optional)						
	Rock type (sandstone or carbonate): _____						
	Compressive strength (psi): _____  If not known, then porosity (%): _____  If not known, then approx.: unconsolidated, "soft" (4000 psi), "medium" (8000 psi such as Berea), or "hard" (12,000 psi): _____ (Prediction may be less accurate using approx. values)						
<b>PERFORATOR</b>		Prediction #1	Prediction #2	Prediction #3			
	Gun System						
	Charge						
	Shots / foot						
	Phasing, deg						
	Ctr. or Ecc.						
<b>COMMENTS OR SPECIAL REQUESTS</b>							