



# Registered Data Sheet Perforating System Evaluation, API RP 19B Section 1

API Form 19B-Section 1     Conforms to All Requirements of Section 1     Special Test - See Remarks/Exceptions below

Service Company \_\_\_\_\_ Explosive weight \_\_\_\_\_ gm, \_\_\_\_\_ powder, Case Material \_\_\_\_\_  
 Gun OD & Trade Name \_\_\_\_\_ Max Temp, °F \_\_\_\_\_ 1 hr \_\_\_\_\_ 3 hr \_\_\_\_\_ 24 hr \_\_\_\_\_ 100 hr \_\_\_\_\_ 200 hr  
 Charge Name \_\_\_\_\_ Maximum Pressure Rating \_\_\_\_\_ psi, Carrier Material \_\_\_\_\_  
 Manufacturer Charge Part No. \_\_\_\_\_ Date of Manufacture \_\_\_\_\_ Shot Density Tested \_\_\_\_\_ Shots/ft \_\_\_\_\_  
 Gun Type \_\_\_\_\_ Recommended Minimum ID for Running \_\_\_\_\_ in.  
 Phasing Tested \_\_\_\_\_ degrees, Firing Order: \_\_\_ Top down \_\_\_ Bottom up Available Firing Mode: \_\_\_\_\_ Selective \_\_\_\_\_ Simultaneous  
 Debris Description \_\_\_\_\_ Debris Weight \_\_\_\_\_ gm/charge, Debris \_\_\_\_\_ in<sup>3</sup>/charge

Remarks/Exceptions per Section 1.11 \_\_\_\_\_

Casing Data \_\_\_\_\_ OD, Weight \_\_\_\_\_ lb/ft, API Grade, \_\_\_\_\_ Date of Section 1 Test \_\_\_\_\_  
 Target Data \_\_\_\_\_ OD, Amount of Cement \_\_\_\_\_ lb, Amount of Sand \_\_\_\_\_ lb, Amount of Water \_\_\_\_\_ lb.  
 Date of Compressive Strength Test \_\_\_\_\_ Briquette Compressive Strength \_\_\_\_\_ psi, Age of Target \_\_\_\_\_ days

Shot No.	No 1	No 2	No 3	No 4	No 5	No 6	No 7	No 8	No 9	No 10	No 11	
Clearance, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Casing Hole Diameter, Short Axis, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Casing Hole Diameter, Long Axis, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Average Casing Hole Diameter, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Total Depth, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Burr Height, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Shot No. ....	No 12	No 13	No 14	No 15	No 16	No 17	No 18	No 19	No 20	No 21	No 22	Average
Clearance, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	XXXXXX
Casing Hole Diameter, Short Axis, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Casing Hole Diameter, Long Axis, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Average Casing Hole Diameter, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Total Depth, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Burr Height, in. ....	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Remarks	_____											

### Manufacturer's Certification

Type of Certification: \_\_\_\_\_ Self \_\_\_\_\_ Third Party

I certify that these tests were made according to the procedures as outlined in API 19B: Recommended Practice for Evaluation of Well Perforators, Second Edition, September 2006. All of the equipment used in these tests, such as the guns, jet charges detonator cord, etc., was standard equipment with our company for the use in the gun being tested and was not changed in any manner for the test. Furthermore, the equipment was chosen at random from stock and therefore will be substantially the same as the equipment that would be furnished to perforate a well for any operator. API neither endorses these tests nor recommends the use of the perforator system described.

\_\_\_\_\_  
 CERTIFIED BY \_\_\_\_\_  
 \_\_\_\_\_  
 RECERTIFIED \_\_\_\_\_ (Company Official) \_\_\_\_\_ (Title) \_\_\_\_\_ (Date) \_\_\_\_\_ (Company) \_\_\_\_\_ (Address)

Name of test as it should appear on website: \_\_\_\_\_  
 Name of test as it appears on application and application date: \_\_\_\_\_