



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 Available to All from Owen Oil Tools Explosive weight 21.0 gm, RDX powder, Case Material Steel

Gun OD & Trade Name 3 3/8" OD, TAG, 6 SPF, 60 DEG, 21g, SuperHERO (SDP-3125-311NT4) Max Temp, °F 325 1 hr 3 hr 24 hr 100 hr 200 hr

Charge Name Perforator, 3 1/8", SDP, 21g, SuperHERO, RDX Maximum Pressure Rating 20,000 psi, Carrier Material Steel

Manufacturer Charge Part No. SDP-3125-311NT4 Date of Manufacture May 7, 2007 Shot Density Tested 6 Shots/ft _____

Gun Type Scalloped, Expendable, Hollow Carrier Recommended Minimum ID for Running 3.800 in.

Phasing Tested 60 degrees, Firing Order: X Top down X Bottom up Available Firing Mode: X Selective X Simultaneous

Debris Description Small Steel Pieces Debris Weight N/A gm/charge, Debris N/A in³/charge

Remarks/Exceptions per Section 1.11 HMX Version Available as SDP-3125-411NT4

Casing Data 4.5" OD, Weight 11.6 lb/ft, API Grade, L-80 Date of Section 1 Test July 3, 2007

Target Data 96" OD, Amount of Cement 19,564 lb, Amount of Sand 39,128 lb, Amount of Water 10,235.8 lb.

Date of Compressive Strength Test July 3, 2007 Briquette Compressive Strength 6,747 psi, Age of Target 28 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. | 0.14 | 0.45 | 0.83 | 0.45 | 0.14 | 0.00 | 0.14 | 0.45 | 0.83 | 0.45 | 0.14 |
| Casing Hole Diameter, Short Axis, in | 0.36 | 0.40 | 0.35 | 0.37 | 0.37 | 0.34 | 0.39 | 0.36 | 0.38 | 0.39 | 0.37 |
| Casing Hole Diameter, Long Axis, in | 0.37 | 0.41 | 0.36 | 0.38 | 0.37 | 0.35 | 0.39 | 0.37 | 0.38 | 0.40 | 0.38 |
| Average Casing Hole Diameter, in. | 0.36 | 0.41 | 0.36 | 0.38 | 0.37 | 0.35 | 0.39 | 0.37 | 0.38 | 0.40 | 0.38 |
| Total Depth, in. | 43.50 | 40.00 | 35.75 | 36.25 | 35.25 | 37.25 | 43.75* | 37.25 | 33.00 | 37.75 | 34.50 |
| Burr Height, in. | 0.05 | 0.05 | 0.04 | 0.07 | 0.08 | 0.06 | 0.04 | 0.05 | 0.04 | 0.05 | 0.05 |

| 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. | 0.00 | 0.14 | 0.45 | 0.83 | 0.45 | 0.14 | 0.00 | | | | | XXXXXX |
| Casing Hole Diameter, Short Axis, in | 0.36 | 0.35 | 0.38 | 0.35 | 0.36 | 0.33 | 0.33 | | | | | 0.36 |
| Casing Hole Diameter, Long Axis, in | 0.37 | 0.38 | 0.38 | 0.36 | 0.37 | 0.34 | 0.34 | | | | | 0.37 |
| Average Casing Hole Diameter, in. | 0.37 | 0.37 | 0.38 | 0.36 | 0.37 | 0.34 | 0.34 | | | | | 0.37 |
| Total Depth, in. | 34.75 | 41.25 | 39.75 | 37.00 | 35.50 | 31.50 | 35.25 | | | | | 36.80 |
| Burr Height, in. | 0.04 | 0.07 | 0.05 | 0.06 | 0.05 | 0.04 | 0.04 | | | | | 0.05 |

Remarks Shot #7 is not included in average because it penetrated the last 3" of concrete.

Manufacturer's Certification

Type of Certification: _____ Self Jerry Baldwin - QSD 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 [Signature] Vice President - Engineering 7/09/07 Owen Oil Tools 12001 CR 1000 Godley, TX USA 76044
 RECERTIFIED (Company Official) (Title) (Date) (Company) (Address)

Name of test as it should appear on website: 3 3/8" OD, TAG, 6 spf, 60 deg, 21g, SuperHERO (SDP-3125-311NT4)

Name of test as it appears on application and application date: 3 3/8" TAG, 6 spf, 60 deg, SDP-3125-311NT4 SuperHERO API 19B Test