



REGISTERED DATA SHEET PERFORATING SYSTEM EVALUATION, API RP 19B SECTION 1

Service Company Available to all Design Number						Weight16	3.5 gm,	RDX	powder,	Case Materia	ıl <u>Ste</u>	el	
Gun OD & Trade Name 2 7/8" High Shot Density Gun BH - RDX						p, °F <u>330</u>	1 hr3	05 3 hr	260 24	hr <u>230</u>		200 hr	
Charge Name 16.5 gms. Barracuda BH RDX (DSC 03-08-48)						Maximum Pressure Rating 20.000 psi, Carrier Material Steel							
Manufacturer Charge Part No. TC46RBH Date of Manufacture Aug 19th 2003					Shot Density Tested 6 Shots/ft								
Gun Type High Shot Density Gun for WL or TCP						Recommended Minimum ID for Running • in.							
Phasing Tested 60 degrees, Firing Order X Top Down, Bottom Up						Available Firing ModeSelective,Simultaneous							
Debris Description N/A						Debris WeightN/Agm/charge,					3 I/A	in ³ /charge	
Remarks_ * Gun OD After firing in liquid					go, Debilo	<u></u>	<u> </u>	iii-/charge					
SECTION 1 - CONCRETE TARGET													
					L-80						nd 2003		
Target DataOD,	Amount o	of Cement	1730	lb.,	Amount	of Sand	34!			ınt of Water	2003	<u> </u>	
Date of Compressive Strength Test	Sept 23rd 200	03B	riquette Comp			7042	psi,		of Target		30	<u> </u>	
Shot No.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9			days	
Clearance, in	0.000	0.221	0.784	1.126	0.784	0.221	0.000	0.221	NO. 9 0.784	No. 10 1.126	No. 11 0.784		
Casing Hole Diameter, Short Axis, in	0.700	0,680	0.690	0.650	0.700	0.660	0.710	0.670	0.660	0.670	0.700		
Casing Hole Diameter, Long Axis, in	0.770	0,730	0.760	0,710	0.780	0.690	0,760	0,700	0,690	0.700	0.760		
Average Casing Hole Diameter, in	0.735	<u>0,705</u>	0.725	0.680	0.740	0.675	0.735	0.685	0.675	0.685	0.730		
Total Depth, in.	5.563	6.500	<u>6.375</u>	6.438	7.000	6.000	6.000	5.750	6.000	7.250	7.000		
Burr Height, in	0.040	0.054	0.074	0.082	0.088	0.063	0.052	0.063	0.047	0.072	0.064		
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.	0.221	0.000										1.106	
Casing Hole Diameter, Short Axis, in	0,740	0.620										0.681	
Casing Hole Diameter, Long Axis, in	0.780	0,670			·							0.731	
Average Casing Hole Diameter, in	0.760	0,645										0.706	
Total Depth, in.	<u>6.750</u>	<u>5.375</u>										6.308	
Burr Height, in	0.054	0,043										0.061	
WITNESSING INFORMATION // 04													
The state of the s							_	House	most		Smirnoff (A	DI Cartified\	
Other Activities Witnessed: Target Pouring Briquette: Preparation Testing X Burr Height Measurement X Samples-Taken: Concrete X Casing X													
	CERTIFICATION CERTIFICATION												
L certify that these tasts were made access	ding to the new		المصالين										
I certify that these tests were made accorded to the control of the certify that these tests such as the	ang to the pit	ames detor	soutlined in Al	PIRP 198:	Recommend	ed Practices fo	or Evaluation	of Well Per	forators, Firs	t Edition, Nov	rember 2000	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, which would be furnished to perforate a well													
for any operator. The American Electronic	nstitute nei	ther endors	es these test	results nor	recommends	the use of the	perforator s	vstem descr	inii, wnich wo ibed.	uio de turnisi	nea to perfor	ate a well	
X CERTIFIED BY DARIO A TANZI OPERFORATING Projects Manager Sept 24th ATTANZI OPERFORATING PROJECTS MANAGER Sept 24th ATTANZI OPERFORATING PROJECTS MANAGER (Date									.A. R	Ruta 25Km.13 Pilar- Bs.As. Argentina			
PERFORATING FIELD	ECTS MANAGER	`	-,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-,		Company	<i>'</i>		(Address)		