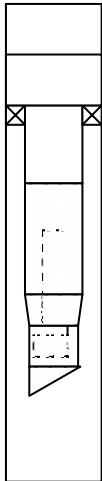


Debris Schlumberger PivotGun debris specification

0.33 in of PivotGun debris per charge in 7" casing from SLB data sheet
6.28 in is the ID of 7" 26# Casing
10.21cu in debris per PivotGun charge

Iona-2 PivotGun debris may fill the entire lower packer and tail pipe assembly to the XN nipple

20 ft (6m) interval perforated with PivotGun at 4spf in Iona-2 above the PXN plug
837cu in debris 82 charges @ 10.21cu in debris per PivotGun charge



Depth	Length	Item	Diameter	Volume
4362.7 ft	0.8 ft	Fill in 7" 26# Casing	6.276 in ID	287cu in
4363.5 ft	3.6 ft	Model 84-85 DB Packer 3.406" 8 SA box	2.688 in ID	247cu in
4367.1 ft	5.4 ft	Model 80-26 Seal Bore Extension 3.406" 8 SA	2.688 in ID	366cu in
4371.5 ft	2.8 ft	XN Lock Mandrel with 2.31 PX Prong	1.900 in OD	-96cu in
4372.5 ft	0.6 ft	X-over 3.406" 8 SA box x 2-7/8 6.4# Vam pin	2.390 in ID	33cu in
4373.1 ft	1.3 ft	XN No-go nipple 2.313" 2-7/8 6.4# Vam	2.205 in ID	
4374.4 ft	0.4 ft	WL Re-entry guide 2-7/8 6.4# Vam	2.380 in ID	
4374.8 ft				

Total fill volume 837cu in

Iona-1 3.4 ft debris in the 7" 26# Casing

30 ft (9m) interval perforated with PivotGun at 4spf in Iona-1
1245cu in debris 122 charges @ 10.21cu in debris per PivotGun charge