BlackCat Retrievable Sealbore Packer

Provides an excellent seal that enables the packer to pack off and resist swabbing

Applications

- High-pressure production or injection
- Stimulation and fracturing
- · Operations with TCP guns run below the packer
- High-rate gravel packing
- Anchored or floating seal applications
- Deviated and horizontal wells

Features and Benefits

- The packer can be set by wireline or by a hydraulic tool, which provides flexibility in deployment.
- Hydraulically setting the packer avoids the need to rotate the work string while running or retrieving the packer and therefore simplifies procedures, improves efficiency, and saves rig time.
- The ECNER array system reduces the swab-off effect and facilitates center packoff by enabling a supporting force to be applied to the outer elements.
- The components are rotationally locked to enable rotation into liner tops and horizontal sections, which saves rig time

Tool Description

The Weatherford BlackCat retrievable sealbore packer is a reliable, high-pressure packer for production, gravel-packing, and injection. It can be set on wireline or on tubing with a hydraulic setting tool and can be run with tubing-conveyed perforating (TCP) guns suspended beneath. The ECNER array system (high pressure thermal packing element) provides an excellent seal that enables the packer to pack off and to resist swabbing. The packer can be retrieved with a pulling tool on a work string, and the rotationally locked components facilitate milling when normal retrieval is impossible.

The BlackCat packer uses the same accessories as the UltraPak[™] permanent packer and is available in many materials suitable for hostile environments.



The BlackCat retrievable sealbore packer is available in materials suitable for hostile environments.



weatherford.com

© 2016 Weatherford. All rights reserved. 2569.02

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford.com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford and may be registered in the United States and/or other countries. Weatherford products and services macroardance with the terms and conditions, available on request or at weatherford count in may be protected by one or more U.S. and/or foreign patents. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.

BlackCat Retrievable Sealbore Packer

Specifications

Casing				Packer				Accessories		
OD In. (mm)	Weight Ib/ft (kg/m)	Minimum ID in. (mm)	Maximum ID in. (mm)	Gauge Ring OD in. (mm)	Sealbore in. (mm)	Minimum ID Through Seals in. (mm)	Product Number	Retrieving Tool	Modular Hydraulic Tool (MHT) Adapter Kit	Baker E-4 Wireline Adapter Kit
4-1/2 114.30	9.5 to 10.5 14.14 to 15.63	4.052 102.92	4.090 103.89 mm	3.906 99.21	2.500	1.910	258938	234761	-	169067
	11.6 to 13.5 17.26 to 20.09	3.920 99.57	4.000 101.60	3.771 95.78	63.50	48.51	258937	234701		
5 127	11.5 to 15.0 17.11 to 22.32	4.408 111.96	4.560 115.82	4.250 107.95	2.688	1.933.	277605	271588	-	265689
	18.0 to 21.4 26.79 to 31.85	4.126 108.61	4.276 108.61	3.969 100.81	68.28	49.10	265536			
5-1/2 139.70	13.0 to 20.0 19.35 to 29.76	4.778 121.36	5.044 128.12	4.625 117.48	3.000 76.20		764435	235717	302814	168764
	14.0 to 20.0 20.83 to 29.78	4.778 121.36	5.012 127.31	4.625 117.48		2.350 59.69	235912 235869		302814	
	20.0 to 23.0 29.76 to 34.23	4.670 118.62	4.778 121.36	4.500 114.30					302819	174019
7 177.80	23.0 to 32.0 34.23 to 47.62	6.094 154.79	6.366 161.70	4.500 114.30	3.250 82.55	2.390	235870	235870 163876 235834	258964	168529
	29.0 to 35.0 43.16 to 52.19	6.004 152.50	6.184 157.07	5.813 147.65		60.71	235834			
	23.0 to 32.0 34.23 to 47.62	6.094 154.79	6.366 161.70	5.938 150.83	4.000 101.60	2.990	238633	238654	277594	173354
	29.0 to 35.0 29.0 to 35.0	6.004 152.50	6.184 157.07	5.813 147.65		75.95	254084		711654	281028
7-5/8	24.0 to 29.7 35.72 to 44.20	6.875 174.63	7.025 178.44	6.688 169.88	4.000 101.60	2.990	258958 238654 255643			
193.68	29.7 to 39.0 44.20 to 58.04	6.625 168.28	6.875 174.63	6.438 163.53		75.95		277595	715970	



weatherford.com

© 2016 Weatherford. All rights reserved. 2569.02

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford and may be registered in the United States and/or other countries. Weatherford products named herein may be protected by one or more U.S. and/or foreign patents. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.

Casing				Packer				Accessories		
OD In. (mm)	Weight Ib/ft (kg/m)	Minimum ID in. (mm)	Maximum ID in. (mm)	Gauge Ring OD in. (mm)	Sealbore in. (mm)	Minimum ID Through Seals in. (mm)	Product Number	Retrieving Tool	Modular Hydraulic Tool (MHT) Adapter Kit	Baker E-4 Wireline Adapter Kit
	40.0 to 47.0	8.681	8.835	8.440			818280			
	59.53 to 69.94	220.50	224.41	214.38	4.000	2.990		238654	729235	715970
	47.0 to 53.5	8.535	8.681	8.319	101.60	75.95				
	69.94 to 79.62	216.79	220.50	221.30			727092			
9-5/8	47.0 to 53.5	8.535	8.681	8.281	4.750	3.830	702450	700740	000107	172000
244.48	69.94 to 79.62	216.79	220.50	210.34	120.65	97.28	723452	722749	280107	173988
	40.0 to 47.0	8.681	8.835	8.440			0101110	171001		
	59.53 to 69.94	220.50	224.41	214.38	6.000	4.875	2131116	171891	-	170050
	47.0 to 53.5	8.535	8.681	8.319	152.40	123.83	1107011	171001		172058
	69.94 to 79.62	216.79	220.50	211.30			1197311	171891	-	



weatherford.com

© 2016 Weatherford. All rights reserved. 2569.02

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford and may be registered in the United States and/or other countries. Weatherford products named herein may be protected by one or more U.S. and/or foreign patents. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.