

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.



BlackCat Retrievable Sealbore Packer

Specifications

Casing				Packer				Accessories		
OD In. (mm)	Weight lb/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	4.052	4.090	3.906	2.500	1.910	258938	234761	-	169067
	14.14 to 15.63	102.92	103.89 mm	99.21						
	11.6 to 13.5	3.920	4.000	3.771	63.50	48.51	258937			
5 127	11.5 to 15.0	4.408	4.560	4.250	2.688	1.933	277605	271588	-	265689
	17.11 to 22.32	111.96	115.82	107.95						
	18.0 to 21.4	4.126	4.276	3.969	68.28	49.10	265536			
5-1/2 139.70	13.0 to 20.0	4.778	5.044	4.625	3.000	2.350	764435	235717	302814	168764
	19.35 to 29.76	121.36	128.12	117.48						
	14.0 to 20.0	4.778	5.012	4.625	76.20	59.69	235912		302814	
	20.83 to 29.78	121.36	127.31	117.48	235869	302819	174019			
7 177.80	23.0 to 32.0	6.094	6.366	4.500	3.250	2.390	235870	163876	258964	168529
	34.23 to 47.62	154.79	161.70	114.30						
	29.0 to 35.0	6.004	6.184	5.813	82.55	60.71	235834			
	43.16 to 52.19	152.50	157.07	147.65						
	23.0 to 32.0	6.094	6.366	5.938	4.000	2.990	238633	238654	277594	173354
	34.23 to 47.62	154.79	161.70	150.83						
29.0 to 35.0	6.004	6.184	5.813	101.60	75.95	254084	711654		281028	
29.0 to 35.0	152.50	157.07	147.65							
7-5/8 193.68	24.0 to 29.7	6.875	7.025	6.688	4.000	2.990	258958	238654	277595	715970
	35.72 to 44.20	174.63	178.44	169.88						
	29.7 to 39.0	6.625	6.875	6.438	101.60	75.95	255643			
	44.20 to 58.04	168.28	174.63	163.53						



Casing				Packer				Accessories		
OD In. (mm)	Weight lb/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
9-5/8 244.48	40.0 to 47.0	8.681	8.835	8.440	4.000	2.990	818280	238654	729235	715970
	59.53 to 69.94	220.50	224.41	214.38						
	47.0 to 53.5	8.535	8.681	8.319	101.60	75.95	727092			
	69.94 to 79.62	216.79	220.50	221.30						
	47.0 to 53.5	8.535	8.681	8.281	4.750	3.830	723452	722749	280107	173988
	69.94 to 79.62	216.79	220.50	210.34	120.65	97.28				
	40.0 to 47.0	8.681	8.835	8.440	6.000	4.875	2131116	171891	-	172058
	59.53 to 69.94	220.50	224.41	214.38						
	47.0 to 53.5	8.535	8.681	8.319			152.40	123.83	1197311	
	69.94 to 79.62	216.79	220.50	211.30						

