



BOP SYSTEM

Stock Overview

I. **HYDRIL 11" 20,000 PSI HP/HT BOP SYSTEM**

Manufactured and repaired by OEM with Third Party Certification valid until 2023 in accordance with API 16A for drill through equipment, API 6A for valves and adapters, API 16D for hydraulic control system, NACE MR01-75 for H₂S exposure, ABS CDS or DNV GL OS-E101 and Norsok D-001 and D-002 with API Monogram. Databook available upon request.

Item No	Description
1	11" 15,000 psi Hydril GX Annular BOP
2	11" 15,000 psi x 13 5/8" 15,000 psi Annular Adapter
3	11" 20,000 psi Hydril Dual RAM BOP
4	11" 20,000 psi Rams to Suit (Multiple sizes available) Tubing Rams Hanging Pipe Rams Pipe Rams Shear Rams
5	Valves 2 9/16" 20,000 psi Manual and Hydraulic Gate Valves 2 9/16" 20,000 psi Dual Block Valves – Manual + Hydraulic 2 9/16" 20,000 psi Check and Choke Valves 4 1/16" 15,000 psi Hydraulic Gate Valves 3 1/16" 15,000 psi Manual Gate Valves
6	20,000 psi Hydraulic Choke and Kill Manifold
7	20,000 psi FMC / NOV Flow Iron Complete Package

II. **CAMERON TYPE 'U' 13-5/8" 10,000 PSI BOP SYSTEM**

Manufactured and repaired by OEM with Third Party Certification valid until 2023 in accordance with API 16A for drill through equipment, API 6A for valves and adapters, NACE MR01-75 for H₂S exposure, DNV GL OS-E101 with API Monogram. Databook available upon request.

Item No	Description
1	13 5/8" 5,000 psi Cameron DL Annular BOP
2	13 5/8" 10,000 psi Cameron Single U RAM BOP
3	13 5/8" 10,000 psi Cameron Double U RAM BOP
4	13 5/8" 10,000 psi Rams to Suit (Multiple sizes available) Fixed / Pipe Rams VBRs Shear Rams



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Item No	Description
	Shear Blind Rams (SBR)
5	Valves 3 1/16" 5,000 psi Manual Gate Valves 3 1/16" 5,000 psi Hydraulic Double Acting Gate Valves 3 1/16" 5,000 psi Check Valves <i>Any valves and crossovers can be supplied</i>

III. CAMERON TYPE 'TL' 18-3/4" 5,000 PSI BOP SYSTEM

Manufactured and repaired by OEM with Third Party Certification valid until 2022 in accordance with API 16A for drill through equipment, API 6A for valves and adapters, NACE MR01-75 for H2S exposure, DNV GL OS-E101 and Norsok D-001 and D-002 with API Monogram. Databook available upon request.

Item No	Description
1	18 3/4" 5,000 psi Cameron DL Annular BOP
2	18 3/4" 5,000 psi Cameron Double TL RAM BOP
3	18 3/4" 5,000 psi Cameron Single TL RAM BOP
4	18 3/4" 5,000 psi Cameron Drilling Spool
5	18 3/4" 5,000 psi Rams to Suit <i>(Multiple sizes available)</i> Pipe Rams VBRs Double V Shear Rams (DVS) Flex Packer
6	Valves 3 1/8" 5,000 psi Manual Gate Valves 3 1/8" 5,000 psi Hydraulic Double Acting Gate Valves 3 1/8" 5,000 psi Check Valves <i>Any valves and crossovers can be supplied</i>



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IV. CAMERON 21 1/4" 5,000 PSI BOP SYSTEM

Manufactured and repaired by OEM with Third Party Certification in accordance with API 16A for drill through equipment, API 6A for valves and adapters, NACE MR01-75 for H2S exposure with API Monogram. Databook available upon request.

Item No	Description
1	21 1/4" 3,000 psi Cameron DL Annular BOP
2	21 1/4" 5,000 psi Cameron Double U RAM BOP
	21 1/4" 5,000 psi Cameron Single U RAM BOP
	21 1/4" 3,000 psi x 21 1/4" 5,000 psi Double Studded Adaptor
3	21 1/4" 5,000 psi Rams to Suit (Multiple sizes available) Pipe Rams VBRs Shear Blind Rams
4	Valves Any valves and crossovers can be supplied

V. PORTABLE BOP CONTROL SYSTEM

Nine-Station and Sized for 13-5/8" Cameron Type 'U' BOP Stack with a Maximum Operator Pressure of 5000 psi for Shear Boost Functions and 3000 psi for Standard Functions complete with two Remote Control Panels and separate containerized Shear Boost Unit certified for use in Zone 1 areas. Manufactured in accordance with API 16D section 4.2.3 and NORSOK D-001. COC and Databook available upon request.

VI. BOPS

Manufactured and repaired by OEM in accordance with API 16A for drill through equipment, API 6A for valves and adapters, NACE MR01-75 for H2S exposure. Sold as is. COC and Databook available upon request.

Item No	Size	Pressure	Description
1	13-5/8"	10,000 psi	Cameron Type 'DL' Annular
2	13-5/8"	10,000 psi	Cameron Type 'U' Double Ram LBSB BOP
3	13-5/8"	10,000 psi	Cameron Type 'U' Single Ram BOP
4	13-5/8"	10,000 psi	Cameron Type 'U' Double Ram BOP
5	13-5/8"	15,000 psi	Cameron Type 'U' Double Ram BOP
6	13-5/8"	15,000 psi	Cameron Type 'U' Single Ram BOP
7	13-5/8"	15,000 psi	T3 Model 6012 Double Ram BOP
8	13-5/8"	15,000 psi	Hydril Double Ram LBSB BOP



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Item No	Size	Pressure	Description
9	13-5/8"	10,000 psi	Shaffer Spherical BOP
10	13-5/8"	15,000 psi	Shaffer 'SL' Double Ram BOP
11	13-5/8"	15,000 psi	Shaffer 'SL' Single Ram BOP
12	13-5/8"	15,000 psi	Shaffer 'SLX' Double Ram BOP
13	18-3/4"	10,000 psi	Hydril Double Ram BOP
14	21-1/4"	2,000 psi	Shaffer Spherical BOP
15	21-1/4"	2,000 psi	Hydril MSP Annular BOP
16	21-1/4"	2,000 psi	Cameron Type 'U' Double Ram BOP
17	21-1/4"	2,000 psi	Cameron Type 'U' Single Ram BOP

VII. RAM BLOCKS

a. Cameron Type 'U' 13-5/8" 3,000 / 5,000 / 10,000 PSI Ram Blocks

Item No	Description	Qty
1	10-3/4" Casing Ram	1 set
2	9-5/8" Casing Ram	1 set
3	7-5/8" Casing Ram	1 set
4	7" Casing Ram	1 set
5	5" Pipe Ram	2 sets
6	5" Hang-Off Pipe Ram	1 set
7	3-1/2" Pipe Ram	2 sets
8	2-7/8" Tubing Ram	1 set
9	4-1/2" to 7" Variable Bore Ram	2 sets
10	2-7/8" to 5" Variable Bore Ram	1 set
11	Blind Ram	1 set
12	Shear Blind Ram	1 set
13	Shear Blind Ram (Non-NACE)	1 set

b. Cameron Type 'U' 21-1/4" 2,000 PSI / 20-3/4" 3,000 PSI Ram Blocks

Item No	Description	Qty
1	5" Pipe Ram	2 sets
2	Shear Blind Ram	1 set

c. Cameron Type 'T/TL' 18-3/4" 5,000 / 10,000 PSI Ram Blocks



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Item No	Description	Qty
1	5" Pipe Ram	2 sets
2	5-1/2" Pipe Ram	1 set
3	7" Casing Ram	2 sets
4	9-5/8" Casing Ram	1 set
5	10-3/4" Casing Ram	1 set
6	2-7/8" to 5" Variable Bore Ram	1 set
7	3-1/2" to 7-5/8" Variable Bore Ram	2 sets
8	Double-V Shear (DVS) Ram	2 sets

d. Cameron Type 'T/TL' 18-3/4" 15,000 PSI Ram Blocks

Item No	Description	Qty
1	5" Pipe Ram	3 sets
2	5-1/2" Pipe Ram	2 sets
3	9-5/8" Casing Ram	1 set
4	Cable Double-V Shear (CDVS) Ram	5 sets
5	3-1/2" to 7-5/8" Variable Bore Ram	8 sets
6	3-1/2" to 6-5/8" Variable Bore Ram	1 set
7	3-1/2" to 5-7/8" Variable Bore Ram	1 set
8	3-1/2" to 5-1/2" Variable Bore Ram	2 sets
9	Super Shear Ram	3 sets
10	Shear Ram	3 sets
11	Shear Blind Ram	1 set

These are details of our main stacks but the list is not exhaustive. If there is anything not listed which you are interested in for purchase or sale, please send your enquiry to wellcontrol@helixoil.com. As well as our additional stock we have a strong network of contacts which we use to source equipment to meet our clients' needs.

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