

I. Wireline Toolstring

NO.	Name	Main Specifications
1	Rope Socket-Pear Drop	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
2	Rope Socket-Disc & Spring Type	1 " , 1.25 " , 1.5 " , 1.875 " , 2.125 " , 2.5 "
3	Rope Socket-Slip Type	1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
4	Swivel Joint	1.5 " , 1.75 " , 1.875 " , 2.5 "
5	Heavy Duty Swivel Joint	1.5 " , 1.75 " , 1.875 " , 2.5 "
6	Stem-Standard	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
7	Stem-Tungsten	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
8	Stem-Lead Filled	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
9	Stem-Tungsten Filled	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
10	Stem-Roller	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
11	Accelerator	1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 " , 3 "
12	Link Jar	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
13	Tubular Jar	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
14	Spring Jar	1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
15	Hydraulic Jar	1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
16	Knuckle Jar	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
17	Breech Lock Quick Joint	1.5 " , 1.875 " , 2.5 "
18	BDK Heavy Duty Q.R .J	1.5 " , 1.875 " , 2.5 "
19	Wireline Knuckle Quick Joint	1.5 " , 1.875 " , 2.5 "
20	Crossover	15/16UN, 1-1/16UN, 1-9/16UN, 1/2-13UN, 5/8-11UN, 3/4-16UN
21	Wireline Knuckle Joint	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
22	Heavy Duty Knuckle Joint	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
23	Spring Centralizer	1.5 " , 1.875 " , 2.125 " , 2.5 "
24	Fluted Centralizer	2-3/8 " , 2-7/8 " , 3-1/2 " , 4-1/2 "
25	Roller Centralizer	1.5 " , 1.75 " , 1.875 " , 2.5 "

26	Supported Roller Centralizer	1.5 " , 1.875 " , 2.125 " , 2.5 "
27	Fluted Stepped Slipover Centralizer	2-3/8 " , 2-7/8 " , 3-1/2 " , 4-1/2 "
28	Roller Ball Sub	1.75 " , 2 " , 2.25 " , 2.5 "

*Tools Can Be Manufactured To Any Size Required.

II. Wireline Auxiliary Tools

NO.	Name	Main Specifications
1	Gauge Cutter	1.25 " ~5 "
2	Gauge Cutter Ring Set	1.0 " ~1.5 " , 1.5 " ~3 " , 3 " ~6 "
3	Guide Type Scraper	1.25 " ~5 "
4	Tubing Broach	1.25 " ~5 "
5	Diamond Tubing Broach	1.5 " ~5 "
6	Tubing Swage	1.25 " ~5 "
7	Wireline Brush	1.5 " , 1.875 " , 2. " , 4 "
8	Wireline Scratcher	1.5 " , 1.75 " , 1.875 " , 2.5 "
9	Sand Pump Bailer	1.5 " , 1.75 " , 1.875 " , 2 " , 2.5 " , 3 " , 3.5 " , 4 " , 4.5 "
10	Hydrostatic Bailer	1.5 " , 1.75 " , 1.875 " , 2 " , 2.5 " , 3 " , 3.5 "
11	Sample Bailer	1.5 " , 1.75 " , 1.875 " , 2 " , 2.5 " , 3 " , 3.5 " , 4 "
12	Sample Collector	1.25 " ~5 "
13	Dump Bailer	1.5 " , 1.75 " , 2 " , 2.5 " , 3 " , 4 "
14	Skirted Magnet	1.25 " , 1.5 " , 1.75 " , 1.875 " , 2.25 " , 2.5 " , 3 " , 4 " , 5 " , 6 "
15	Tubing End Locator	2-3/8 " ~7 "
16	Two Arm Repeatable Tubing End Locator	2-3/8 " ~5-1/2 "
17	Wireline Entry Guide	1.25 " ~5 "

*Tools Can Be Manufactured To Any Size Required.

III. Pulling Tools

NO.	Name	Main Specifications
1	R Type Pulling Tool	1.25 " , 1.5 " , 2 " , 2.5 " , 3 " , 4 "
2	S Type Pulling Tool	1.25 " , 1.5 " , 2 " , 2.5 " , 3 " , 4 "
3	JD Type Pulling Tool	1.25 " , 1.5 " , 2 " , 2.5 " , 3 " , 4 "
4	JU Type Pulling Tool	1.25 " , 1.5 " , 2 " , 2.5 " , 3 " , 4 "
5	Type GO Fishing Socket	2 " , 2.5 " , 3 " , 4 "
6	Heavy Duty Pulling Tool	1.25 " , 1.5 " , 2 " , 2.5 " , 3 " , 4 "
7	GS Type Pulling Tool	1.5 " , 2 " , 2.5 " , 3 " , 3.5 " , 4 " , 5 " , 6 " , 7 "
8	GU Shear Up Adaptor	1.5 " , 2 " , 2.5 " , 3 " , 3.5 " , 4 " , 5 " , 6 " , 7 "
9	GR Type Pulling Tool	1.5 " , 2 " , 2.5 " , 3 " , 3.5 " , 4 " , 5 " , 6 " , 7 "
10	Bell Guide Set	2-3/8 " , 2-7/8 " , 3-1/2 " , 4-1/2 "

*Tools Can Be Manufactured To Any Size Required.

IV.Fishing Tools

NO.	Name	Main Specifications
1	Blind Box	1 " ~6 "
2	Cutter Bar Type GO Devil	1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
3	Flat Bottomed Type GO Devil	1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
4	Cutter Bar, Roller Type GO Devil	1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
5	Flat Bottomed, Roller Type GO Devil	1.5 " , 1.75 " , 1.875 " , 2.125 " , 2.5 "
6	Wireline Snipper	1.25 " , 1.5 " , 1.875 " , 2.5 "
7	Flopetrol Cutter	1.5 " , 1.75 " , 1.875 " , 2.5 "
8	Sidewall Cutter	2-3/8 " , 2-7/8 " , 3-1/2 " , 4-1/2 " , 5-1/2 "
9	Wirefinder	1.5 " , 1.75 " , 2 " , 2.5 " , 3 " , 3.5 " , 4 " , 4.5 " , 5 " , 5.5 "
10	Wireline Grab	1.5 " , 1.75 " , 2.25 " , 2.625 " , 2.75 " , 3 " , 3.5 " , 4 " , 4.5 " , 5 " , 5.5 " , 6 "
11	Centre Spear	1.5 " , 1.875 " , 2.5 "
12	Lead Impression Block	1.25 " ~6 "
13	Wireline Overshot	1.5 " , 2 " , 2.5 " , 3 " , 3.5 " , 4 "
14	Wireline Releasable Overshot	1.5 " , 2 " , 2.5 " , 3 " , 3.5 " , 4 "
15	Wireline Collet Type Bulldog Spear	1.5 " , 2 " , 2.5 " , 3 "
16	Wireline Releasable Collet Type Bulldog Spear	2 " , 2.5 " , 3 " , 3.5 "
17	Alligator Grab	1.25 " , 1.85 " , 2.25 " , 2.813 " , 3.5 "
18	Tubing Perforator	2-3/8 " , 2-7/8 " , 3-1/2 " , 4-1/2 "

*Tools Can Be Manufactured To Any Size Required.

V Wireline Lock Mandrels & Running Tools

NO.	Name	Main Specifications
1	X/XN Lock Mandrel	1.875 " , 2.313 " , 2.75 " , 2.813 " , 3.813 "
2	XX Plug	1.875 " , 2.313 " , 2.75 " , 2.813 " , 3.813 "
3	PX Plug	1.875 " , 2.313 " , 2.75 " , 2.813 " , 3.813 "
4	X Running Tool	1.875 " , 2.313 " , 2.75 " , 2.813 " , 3.813 "
5	N Test Tool	1.875 " , 2.313 " , 2.75 " , 2.813 " , 3.813 "
6	X Selective Test Tool	1.875 " , 2.313 " , 2.75 " , 2.813 " , 3.813 "
7	W Lock Mandrel	1.875 " , 2.25 " , 2.31 " , 2.75 " , 2.81 "
8	S Lock Mandrel	1.875 " , 2.25 " , 2.31 " , 2.75 " , 2.81 "
9	Z Lock Mandrel	1.875 " , 2.25 " , 2.31 " , 2.75 "
10	N Lock Mandrel	1.875 " , 2.25 " , 2.31 "
11	F Lock Mandrel	2.75 " , 2.81 "
12	FSB Plugs	1.875 " , 2.25 " , 2.31 " , 2.75 " , 2.81 "
13	FWG Plugs	1.875 " , 2.25 " , 2.31 " , 2.75 " , 2.81 "
14	FSG Plugs	1.875 " , 2.25 " , 2.31 " , 2.75 " , 2.81 "
15	RZG Plugs	1.875 " , 2.25 " , 2.31 " , 2.75 "
16	C-1 Running Tool	2-3/8 " , 2-7/8 " , 3-1/2 "
17	Soft Release Running Tool	2-3/8 " , 2-7/8 " , 3-1/2 "
18	“FB-2”Equalizing Check Valve	1.875 " , 2.25 " , 2.31 " , 2.75 " , 2.81 "
19	“RB-2”Equalizing Check Valve	1.875 " , 2.25 " , 2.31 " , 2.75 "
20	“W”Slip Lok	2-3/8 " , 2-7/8 " , 3-1/2 "
21	“D”Collar Lock	2-3/8 " , 2-7/8 " , 3-1/2 "
22	Slip Tubing Plug	2-3/8 " , 2-7/8 " , 3-1/2 "

*Tools Can Be Manufactured To Any Size Required.

VI. Wireline Pressure Gauge Hanger & Mono-Conductor Tools

NO.	Name	Main Specifications
1	“F”Collar Stop	2-3/8 " , 2-7/8 " , 3-1/2 " , 4-1/2 "
2	Anti Blow-up Tool	2-3/8 " , 2-7/8 " , 3-1/2 " , 4-1/2 "
3	J Unlatching Tool	1.25 " , 1.5 " , 1.75 "
4	Shock Absorber	1.25 " , 1.5 " , 1.875 "
5	Pressure Gauge Supporting Tube	1.25 " , 1.5 " , 1.875 "
6	Softset Gauge Hanger	1.875 " , 2.313 " , 2.75 " , 2.813 " , 3.813 "
7	Downhole Instrument Hanger	1.875 " , 2.25 " , 2.313 " , 2.75 "
8	Tubing Hanger	2-3/8 " , 2-7/8 " , 3-1/2 "
9	Mono-Conductor Rope Socket	1-7/16 " , 1-11/16 " , 1-7/8 " , 2-1/8 "
10	Mono-Conductor Stem Bar	1-7/16 " , 1-11/16 " , 1-7/8 " , 2-1/8 "
11	Mono-Conductor Tungsten Filled Stem	1-7/16 " , 1-11/16 " , 1-7/8 " , 2-1/8 "
12	Mono-Conductor Tube Jar	1-7/16 " , 1-11/16 " , 1-7/8 " , 2-1/8 "
13	Mono-Conductor Knuckle Joint	1-7/16 " , 1-11/16 " , 1-7/8 " , 2-1/8 "
14	Mono-Conductor Swivel Joint	1-7/16 " , 1-11/16 " , 1-7/8 " , 2-1/8 "
15	Mono-Conductor Spring Centraliser	2-3/8 " ~4-1/2 "
16	Mono-Conductor Fluted Centraliser	1.5 " , 1.75 " , 1.875 " , 2.5 "
17	Mono-Conductor Supported Roller Centralizer	2-3/8 " ~4-1/2 "
18	Mono-Conductor Roller Centralizer	2-3/8 " ~4-1/2 "

*Tools Can Be Manufactured To Any Size Required.

VII Surface Equipment

NO.	Name	Work Pressure	I.D
1	Wellhead Adapter	5,000PSI, 10,000PSI, 15,000PSI	2 " , 2.5 " , 3 " , 4 " , 5 "
2	Tool Trap	5,000PSI, 10,000PSI, 15,000PSI	2 " , 2.5 " , 3 " , 4 " , 5 "
3	Blow Out Preventer	5,000PSI, 10,000PSI, 15,000PSI	2 " , 2.5 " , 3 " , 4 " , 5 "
4	Lubricator	5,000PSI, 10,000PSI, 15,000PSI	2 " , 2.5 " , 3 " , 4 " , 5 "
5	Grease Injection Control Head	5,000PSI, 10,000PSI, 15,000PSI	2 " , 2.5 " , 3 " , 4 " , 5 "
6	Tool Catcher	5,000PSI, 10,000PSI, 15,000PSI	2 " , 2.5 " , 3 " , 4 " , 5 "
7	Stuffing Box	5,000PSI, 10,000PSI, 15,000PSI	2 " , 2.5 " , 3 " , 4 " , 5 "
8	Grease Injection System	5,000PSI, 10,000PSI, 15,000PSI	
9	BOP Hydraulic Control System	5,000PSI	

NO.	Name	Wireline Size	Sheave Diameter
1	Hay Pully	0.092 " ~0.16 "	12 " , 14 " , 16 " , 20 "
2	Wireline Clamp	0.092 " ~0.187 "	
3	Wireline Torsion Tester	0.092 " ~0.16 "	
4	Wireline Pull Tester	0.092 " ~0.16 "	

*Tools Can Be Manufactured To Any Size Required.

VIII. Coiled Tubing Tools

NO.	Name	For Coiled Tubing Size
1	CT External Slip Connector	1.25 " , 1.5 " , 1.75 " , 2 "
2	CT Roll-On Connector	1.25 " , 1.5 " , 1.75 " , 2 "
3	CT Reelable Roll-On Connector	1.25 " , 1.5 " , 1.75 " , 2 "
4	CT Dimple-On Connector	1.25 " , 1.5 " , 1.75 " , 2 "
5	CT Reelable Dimple-On Connector	1.25 " , 1.5 " , 1.75 " , 2 "
6	CT Grub Screw Connector	1.25 " , 1.5 " , 1.75 " , 2 "
7	CT Grub Screw Preparation / Removal Tool	1.25 " , 1.5 " , 1.75 " , 2 "

NO.	Name	Main Specifications
1	CT Lead Filled Stem	1.812 " , 1.875 " , 2.125 " , 2.25 " , 2.875 "
2	CT Tungsten Stem	1.812 " , 1.875 " , 2.125 " , 2.25 " , 2.875 "
3	CT Straight Joint	1.5 " , 1.687 " , 1.75 " , 2 " , 2.125 " , 2.25 " , 2.5 " , 2.875 " , 3.125 "
4	CT High Flow Knuckle Joint	1.5 " , 1.687 " , 1.75 " , 2 " , 2.125 " , 2.25 " , 2.5 " , 2.875 " , 3.125 "
5	CT Fluted Centralizer	2-3/8 " ~7 "
6	CT Bow Spring Centralizer	2-3/8 " ~7 "
7	CT Double Flapper Check Valve	1.25 " , 1.5 " , 1.75 " , 2 " , 2.125 " , 2.25 " , 2.5 "
8	CT Burst Disc Circulating Sub	1.25 " , 1.5 " , 1.75 " , 2 " , 2.125 " , 2.25 "
9	CT Dual Function Circulating Sub	1.5 " , 1.687 " , 1.75 " , 2 " , 2.125 " , 2.25 " , 2.375 " , 3.125 "
10	CT Hydraulic Disconnect Sub	1.5 " , 1.75 " , 2 " , 2.125 " , 2.25 " , 2.875 " , 3.125 "
11	CT Shear Release Disconnect Sub	1.75 " , 2.125 " , 2.25 " , 2.875 "
12	CT Gauge Cutter	1.25 " ~7 "
13	CT Lead Impression Block	1.25 " ~7 "
14	CT Magnet	1.5 " ~5 "
15	CT Crossover	1 " AMMT, 1-1/4 " AMMT, 1-1/2 " AMMT, 2-3/8 " PAC,



		2-7/8 " PAC
16	CT Flow Activated GS Running/Pulling Tool	1.5 " , 2 " , 2.5 " , 3 " , 3.5 " , 4 " , 5 " , 6 " , 7 "
17	CT Flow Activated Heavy Duty Pulling Tool	1.25 " , 1.5 " , 2 " , 2.5 " , 3 " , 4 "
18	CT Flow Activated Internal Spear	2 " , 2.25 " , 2.5 " , 3 " , 3.5 " , 4 " , 5 "
19	CT Flow Activated Overshot	2 " , 2.25 " , 2.5 " , 3 " , 3.5 " , 3.875 " , 4 " , 5 "
20	CT Centre Spear	1.5 " ~4 "
21	CT Grab	2.25 " ~7 "
22	CT Flow Activated Alligator Grab	2 " , 2.7 "

*Tools Can Be Manufactured To Any Size Required.