MODEL: CT-PTS

S Pulling Tool is a wire line service tool designed to remove retrievable subsurface devices with external fishing necks from a well. PTS is also useful as a running tool for collar stops, pack-off anchor stops, and other subsurface devices landed against a positive no-go.

ADVANTAGES

- A set of three dogs to engage the fishing neck.
- It allows extensive upward jarring to pull a bottom hole control.

OPERATIONAL BENEFIT

The core is manufactured in various lengths and may be changed in the field to accommodate the fishing necks of various controls.
GS Pulling Tool is a wire line service tool designed to remove retrievable subsurface devices with internal type fishing neck from a well. The tool is offered in a wide range of sizes.

**Model: CT-PTGS**

- A set of dogs to engage the fishing neck.
- It allows extensive upward jarring to pull a bottom hole control.
- The shear-down-to-release feature
X/R-LINE RUNNING TOOL

MODEL: CT-RTX

X and R-line running tools is used to set X, XN, R, and RN lock mandrels in their respective landing nipples.

APPLICATIONS

- X-line running tools used to locate X/XN Types Landing Nipples.
- R-line running tools used to locate R/RN Types Landing Nipples.
MODEL: CT-C1
The model “CT-C1” runs flow Control devices into the well those have external fishing neck locks.

A seal bore locating ring provides Top No go setting.
COT landing nipples are run on completion tubing to provide a specific landing location for the subsurface flow control equipment. The common internal profiles of these landing nipples make them universal.

CT X and XN landing nipples are designed for use with standard weight tubing whereas R and RN landing nipples are for heavy weight.

FEATURES:
- Large bore.
- Less work over risk.
- Provides unlimited number of positions to set.
These are wire line operated combination tools. These are the devices capable of holding pressure differentials from above or below when set at any depth in a corresponding Landing Nipple Profile of matching size & type.

FEATURES:
- Less completion and production maintenance costs.
- Set hydraulic actuated packers.
- Allows for repositioning of flow controls as well conditions change.
Lock Mandrel is a selective set lock designed to be landed and locked in a Landing Nipple Profile.

**MODEL: CT-LM-XN**

Lock Mandrel is a selective set lock designed to be landed and locked in a Landing Nipple Profile.

**FEATURES:**
- Simple and rugged construction.
- Keys of locking mandrel retracted into assembly while running and retrieving.
- Locks designed to hold pressure from above or below from sudden reversals.

**BENEFITS:**
- High-pressure, high temperature, large bore completions
- Locking mechanism is located above the sealing elements; therefore, no O-rings are required.
The COT Model CT-BPB-EP Equalizing Prong run into a Lock Mandrel Assembly, turn into a blanking plug, to hold pressure differentials from above or below.
**MODEL: CT-RPG**

This is a specially COT designed Running tool used to retrieve EPG after successful operation.

**MODEL: CT-EPG**

The COT Model CT-EPG Equalizing Prong run into a Lock Mandrel Assembly, turn into a blanking plug, to hold pressure differentials from above or below.
The Fluted Adapter is designed to provide protection to downhole Control lines and Electrical cables. With its concentric OD, the Fluted Adapter provides both protection and centralization of the tubing while running in hole. The Fluted Adapter is generally run as part of the tubing string with one swage installed with every stand of tubing deployed.
**MODEL: CT-FLS**

Fluted Swage are thread adapters of short length which has six axial slots on the equipment’s body to place control line at suitable angle and fix it to the string above the subsurface safety valve landing nipple up to the surface.
SLIDING SLEEVE

CT-CMD-S is downshift-to-open Sliding Sleeve whereas CT-CMU is upshift-to-open Sliding Sleeve. CMD is high performance, equalizing sliding sleeve which allow communication between the tubing and annulus for circulation or selective-zone production.

ADVANTAGES
- A specially designed Diffuser Ring
- More flow area and reduce erosion.
- Higher torques and reduce thread back-off.

OPERATIONAL BENEFIT
- Modular design permits conversion from a "CMD" to "CMU" or vice versa
- Can be opened repeatedly against high differential pressures.
- Several sleeves can be shifted in a single slick-line trip.
- ESP Application comprises of protection to coil tubing, control line & Emle cables.

MODEL: CT-CMD-NE

MODEL: CT-CMU-NE
**MODEL: CT-BO**

BO shifting tool is designed to selectively locate and shift most sliding sleeves.

**FEATURES**

- Automatic releasing feature
- Emergency releasing feature

**OPERATIONAL BENEFIT**

Selectively locates and shifts most sliding sleeves.
BO shifting tool is designed to selectively locate and shift most sliding sleeves.

**FEATURES**

- Emergency releasing feature
- Automatic releasing feature