



AWT provides a full offering of Smart Technologies with purpose designed tooling, and exclusive services for best in class field support.

We work closely with our clients from concept through delivery, offering solutions dedicated to maximize equipment output and efficiency while reducing rig time, costs and HSE risks.

SMART SUB SYSTEM

SMART SUB features an innovative system available for multiple operations. It provides well control and allow wireline operations through a side entry without interference with drilling rig's top drive system. It's unique design is compatible with all industry recognized grease injection and pack off systems.

It is designed to comply with API 6A specifications and undergo extensive qualification testing to ensure full functionality.

TRACK RECORD

Our comprehensive SMART SUB system provide our clients with a variety of reliable, innovative solutions for their drilling and formation evaluation needs. We have collaborated with our customers on several projects globally and our solutions and services have proven to be the best in the industry.

One of our major success was to enable our client to successfully conduct Open Hole Wireline Formation Evaluation during Managed Pressure Drilling (MPD) mode.

SMART SUB was used to simplify rig up process and create a closed loop system, enabling driller to continuously monitor, pump drilling fluid and adjust borehole pressure during Wireline Logging.

AWT track record of reliable equipment and forward thinking innovation proves our commitment to our clients as a premier provider in the industry, while maintaining successful HSE record.

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SMART SUB



FEATURES:

- Dual Side Entry
- 3 ½” ID Side Entry – Enable Wireline Tool Entry from top
- Real Time Pressure Monitoring
- API-6A Specifications
- Lifting Cap
- Light Weight
- Floater or Jack up enabler

APPLICATIONS:

- Pipe Recovery Operations
- Wireline logging in Managed Pressure Drilling (MPD) mode
- Pressurized cement bond evaluation
- Pump down operations
- Wireline Perforation (Over Balance)
- Completions Operations

ADVANTAGES:

- Safe and simple rig up
- Keeps the wireline a safe distance from the traveling block and top drive
- Wireline tools can be deployed through the top side
- Allows pumping and circulation at any time during wireline operations
- Does not require additional personnel to operate
- Provides additional well control during Wireline operation
- Eliminates requirement to change to long bails
- Eliminates requirement of unnecessary equipment such as Shooting Nipple, Pump In Sub and HP mud line on rig floor
- Enables safe tensile pull on the drill pipe
- Enables driller to apply torque on the drill pipe
- Prevents drilling fluid spill on rig floor
- Wipes wireline clean as it is pulled from the well

SERVICES

Our team of technical experts provide safe and efficient solutions to meet the need of drilling and formation evaluation industry. We design project-specific solution for each job and work closely with our clients and their contractors to ensure optimal performance.

TOOL JOINT SIZE (IN)	NC 50 (4 ½” IF)
TOP / BOTTOM OD (IN)	18 / 14
TOTAL LENGTH (FT)	4.4
TOTAL WEIGHT (LBS)	2,000
CENTRE HOLE ID (IN)	3.35
MIN RESTRICTION (IN)	3.00
MAX RECOMMENDED TORQUES (FT / LBS)	18,383
SAFE WORKING LOAD (LBS) – ZERO PRESSURE	954,260
SAFE WORKING LOAD (LBS) – MAX WORKING PRESSURE	750,000
PRESSURE RATING (PSI)	10,000