BTI Services offers a unique blend of technology and tool inventories, and when combined with our experience, provides the basis for safe and successful solutions designed to meet the operational challenges of today’s oil and gas industry.

The BTI Tool inventory includes individual tools and tool systems that are designed for onshore, offshore and subsea operations. BTI Services offers equipment and service support for conventional drilling, fishing, and operations involving workover applications as well as coil tubing, critical high pressure snubbing and well control support. The scope of our Rental, Fishing, Special Services, Wellhead Auditing, Marine Services along with our new Quality and Compliance direction makes BTI one of the best contacts concerning tooling and execution of same for most well situations.

**RENTAL SERVICES**

BTI Services inventory of rental equipment supports conventional drilling and well servicing operations as well as specialized operations requiring well capping assemblies, specialized blowout preventer and choke manifold equipment spreads, and critical well intervention using snubbing and coil tubing. 3M to 15M pressure rated equipment is available. One of our newest and fastest growing segments of our rental group is that of providing FRAC STACK RENTAL AND SERVICE SUPPORT. In this line we offer both 5-1/8” and 7-1/16” frac stack valve and manifold systems inclusive of the multi-well pad “Zipper-Frac” system which allows multiple wells to be tied into a common manifold for quick and efficient flow of work on SIMOPS fracturing and completion programs.

Through innovation and experience, BTI has long been a provider of quality downhole Back Pressure Valves, Landing/Profile Nipples and Plugs and the accessory tooling to effect successful deployment and retrieval of same on both coil tubing and wireline delivery systems. This still continues today in sizes ranging from 1-1/4” OD up to 9-5/8” OD with pressure ratings to 15M and temperature ratings in some sizes of 450 Degrees Fahrenheit (going higher still). Rental, Sale, and Service and Spare Parts support are in place to meet the specific client needs for their unique operating situations.

BTI provision to the market at large of specialty products has been in place for the past 30 plus year. BTI is the leading provider of ‘SLIP RAM’ inserts for TYPE U BOP designs to allow emergency hang-off and anti-rotational options in unconventional snubbing and well control operations. BTI has specialized ‘PUNCH RAM’ assemblies that can allow for pressure release and control by way of allowing a BOP to puncture the tube wall of a drilling or workstring under pressure. BTI has developed a specialize cutter blade assembly called the ‘BAT WINGS’ design that will cut and crimp the tube on ‘cut and pull’ operations thus eliminating a milling dress-off run and saving trips, saving time…saving money. BTI has long been a provider for specialized heavy duty bolt-on slip type tubing/casing clamps used for all types of operations ranging from casing jack operations, straight pull tubular removal on offshore and subsea operations and all size of pipe/tubing/casing hang-off situations.

**FISHING SERVICES**

BTI Services has an extensive line of quality fishing tools, high pressure/high volume pumps, power swivels and foam air units for both cased and open hole operations. Our personnel are experienced to handle your downhole situation whether it involves recovery or removing an obstruction via removal of debris or lost equipment, or specialized milling operations. BTI can address both cased and open hole operations as needed.

**FREEZE SERVICES**

Freeze services are typically used to place a temporary barrier (ice plug) in a tubular or vessel to maintain pressure control while allowing for safe mechanical repairs to be addressed. The pipe freezing technology offered by BTI is unsurpassed in the industry. Using liquid N2 or liquid CO2, freeze plugs can be installed and maintained indefinitely in a safe and controlled manner. Freeze Services can be applied to tubulars up to 48” in diameter as well as valves and wellhead components.

Freeze application systems include Flex Wrap, Coil Line and Aluminum Canister Freeze.
**VALVE DRILLING** is the process of drilling an opening in a ball plug or gate valve that has become inoperable in a closed or partially closed position. Valve drilling is designed to regain a larger or full bore to allow coil tubing or wireline applications to be deployed into a wellbore. The system can be used on vertical wellhead or completion tree components or applied in a horizontal position for side-entry applications on valves and other wellhead components.

**HOT TAPPING** is the process of introducing access to the ID of pipe, flanges or valves by drilling a small diameter hole through the component while internal pressure is present and safety containing the pressure once communication has been established. Our personnel have performed hundreds of hot taps at both surface and subsea sites over the last several years. Specially fabricated devices allow a safe hot tapping operation to be carried out on blind flanges, bull plugs, base plates and other unusual equipment. The hot tap equipment is suitable for H2S service with pressure capabilities up to 15,000 psi.

**WELLHEAD AUDIT**

A Wellhead Audit process offered provides a client with a trained group that will help in identifying deteriorative/corrosive or operational nonconformance issues related to wellhead configurations and manifolds for same. With the thousands of old wells around the world today, this service allows for the client to pre-determine wells that need intervention and correction on a well to well priority basis and to be able to set up a schedule to coincide with other field and rig services that may be needed. The BTI service team can then offer up options and execute them on a safe and planned basis as to the correction or installation solutions for both mechanical and functional integrity of the components. Minimizing risk and maximizing use of time for successful work programs is the goal.

**MARINE SERVICES**

BTI Services specializes in providing the customized tools, integrated services, and qualified personnel needed for operations in the offshore and subsea environment. BTI can design custom equipment or modify existing equipment to solve specific subsea challenges. BTI Services has developed, tested and fabricated many specialized cutting, shearing and boring tools for offshore surface and subsea applications.

**QUALITY SERVICE PRODUCTS**

BTI Services is committed to ensuring that quality products and services are delivered to our customers. The industry has set higher and firmer standards of how pressure control equipment is addressed on both offshore and land based operations. BTI is working to comply with the new API Standard 53 mandates and API 6A, 16A and 16AR regulatory guidelines to provide fully documented and certified equipment inventory to the market. This positive direction and huge effort is shown in our dedication of our most modern facility to being the Center of Compliance, addressing the coordination of inspection, remanufacture, repair and re-certification and documentation control with all pertinent OEM manufacturers and API licensed repair facilities. This effort is also supported by our Quality Management System Department and our Business Solutions Group in providing necessary guidelines and process behaviors and special operating system tools to track and report the equipment as to its status in our system for speedy call up as needed. BTI is dedicated to all products being fabricated and maintained following manufacturing and quality guidelines with the needed documentation and full traceability of materials.

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