

SALES
SERVICE
SUPPORT



NAITHANI[®]
OIL & GAS SERVICES PVT. LTD.



SPECIALISED SLICKLINE SERVICES

Advanced Solutions for Oil & Gas Operations

We Energise

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Corporate Office:

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Slickline Services

Description:

- Slickline services are used by oil and natural gas exploration and production companies during the completion, workover, and production phases of a well. These services involve multiple operations throughout the life of a typical well.
- A slickline unit consists of a truck-mounted winch housing the controls and a drum with a solid steel wireline, which is used to convey mechanical tools and electronic memory gauges into the wellbore. This enables data gathering for interpretation, reservoir studies (Pressure and Temperature Gradients, Buildups, Influx, Modified Isochronal Tests), and mechanical properties, as well as performing well intervention procedures such as flow control and fishing.

Application of Slickline :

- Running of Downhole Memory Gauges / Down hole Tools
- Tubing Clearance
- Tubing End Locator
- Paraffin/Wax Cutting
- Fishing Operations
- Opening and Closing of Sliding Sleeve.
- Running of Sample Bailer & Sand Bailer.





Features / Benefits of Slickline :

- Availability in Single/Double Winch Unit
- Powerful diesel engine delivering up to 81 kW (109HP) @ 2200rpm.
- Power pack quietly & non-stop.
- Reliable closed loop hydraulic system.
- Environmentally friendly (drainage drip to avoid impacts).
- Designed for Onshore and Offshore Applications for Well Servicing from Slickline, RDA and Heavy Duty Fishing.
- Four Cylinder Diesel Engine Driven Closed Loop Hydraulic Power Pack.
- Suitable for Use in Zone II Hazardous Area and Complies with ATEX Directives.
- Latest Generation Three Wheel Design Patented MP16 Measuring Head.
- Excellent Jarring Characteristics.
- Ease of Mobilization to Remote Inaccessible/ Narrow Access Locations.
- Weight and Format Suitable for Offshore Application.
- SUPA 75 Diameter Range: 0.092" to 0.125".

Hydraulic Driven System :

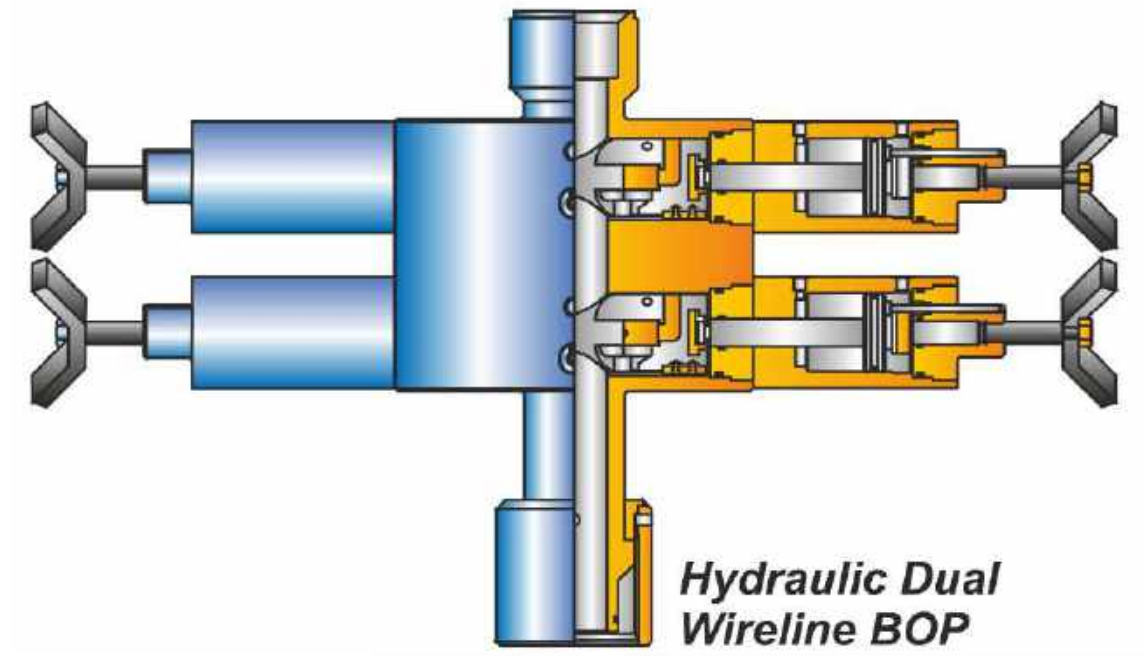
- Powerful 400 bar (5,800 psi) closed loop hydraulic system.
- Capable of fast acceleration and extremely high speeds.
- Hydraulic dynamic braking.
- Low maintenance system (at well site/base).

Cable/Wire Info:

- Material grade UNS N 08926.
- DWS (UK) 25,000 feet SUPA 75 alloy wire for highly corrosive wells.
- Available wire sizes 0.092", 0.108", 0.125" & 0.140".
- Certified with laboratory test results.

Dual Hydraulic Valve (Ezi-Close).

- DHVs are designed to close and seal on a stationary Slickline, to allow repairs to be made under pressure, to the cable or lubricator equipment.



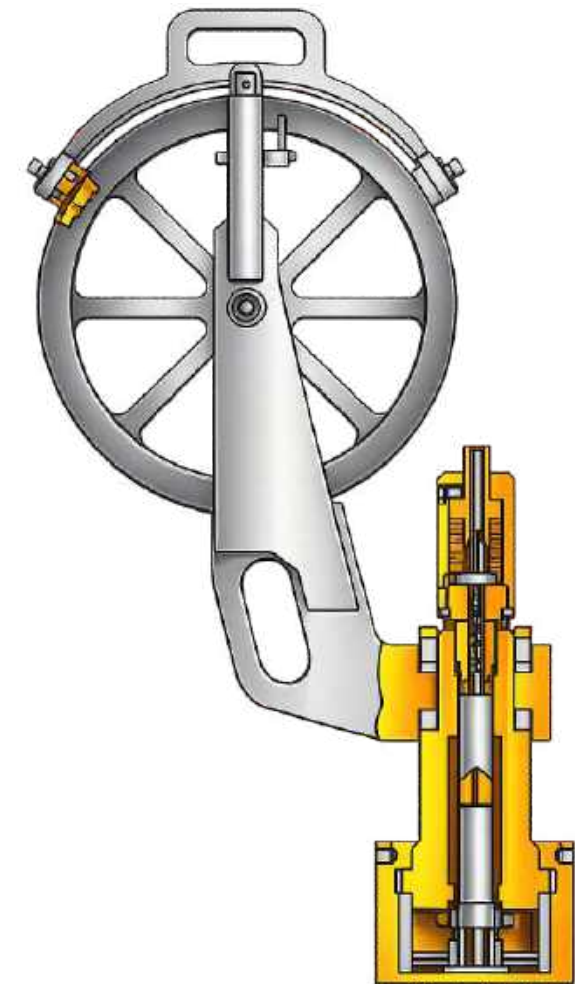
Riser / Spacer Pipe:

- Risers are used to space-out the BOP stack or lubricator to working level, they are same specification as lubricators working are but with flanged connections & ring gasket.



Wireline Stuffing boxes:

- It seals around stationary or moving solid wireline (slickline) for pressures up to 15,000 psi.
- It has blowout plug to seal, in case of line fouling or breaking.
- Hydraulic pumps, fittings, hoses and accessories are also available.
- Lightweight body, sheave bracket, aluminium pulley, composite material pulley.



Down Hole Tools (DHT) & Remedial

The Slickline Down Hole String is necessary for the operations on Slickline of subsurface controlled devices

- Rope Socket
- Swivel
- Stem
- Jars (Mechanical & Upstroke)
- Knuckle Joint
- Accelerators
- Adjustable Spring Centralizer
- Bailers (Hydrostatic & sand/pump)
- Gauge ring
- Blind box
- Swaging Tool
- Lead Impression Block
- Spring Centralizer



Fishing Tools

- Wire Finder
- Wire Grab
- Tubular Jar



Running & Pulling Tools

- Otis, (RB-SB-GS) shear up & down
- UPT shear-up & down with three reach pulling
- (1 UPT = 5 Pulling tool)



Wire Cutter

- Flopetrol Wire Cutter





Reservoir Data Acquisition & Interpretation

Description:

- Our Reservoir Studies & Interpretation services deliver comprehensive analysis of well performance through advanced testing and data acquisition. Using Electronic Memory Gauges, we conduct Pressure Build-up, Pressure Drawdown, Multi-bean, Influx, Productivity Index, Modified Isochronal Tests, and Pressure/Temperature Gradient studies. The collected data is analyzed with licensed Fekete Software to ensure precise reservoir evaluation. Backed by a dedicated professional team, we provide complete reservoir analysis and interpretation to optimize production and enhance decision-making.

Following are the Reservoir Studies performed by us:

- Pressure build up Test
- Pressure drawdown Test
- Multi-bean Study
- Influx study
- Productivity Index Test
- Modified Isochronal Test
- Pressure and Temperature Gradients
- Electronic Memory Gauges are used to collect the well data for the reservoir studies & Interpretation is carried out with the help of licensed Fekete Software.
- We provide complete Reservoir Analysis & Interpretation from the test performed in a well.

Types of Memory Gauges:

1. Quartz
2. Piezo

1.25" Quartz

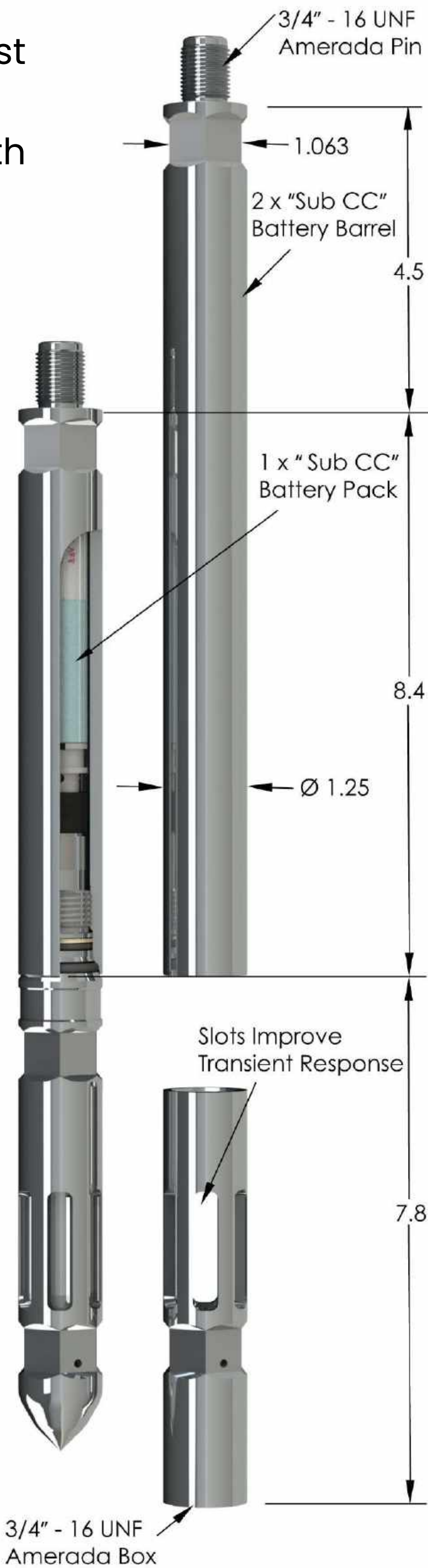
Description:

- Quartz gauges provide operators with the highest possible data stability and resolution.
- DataCan recommends quartz gauges in wells with bottom hole temperatures above 135°C.

Features:

- 16 In Long
- 0.00006% Full-Scale Resolution
- Super Seal Technology
- 30,000psi & 200°C
- 8 Million Sample Capacity
- Inconel 718 or MP35N – NACE MR0175
- Fast Response

Pressure (psi)	Temperature
10,000 16,000 20,000	150°C
10,000 16,000 20,000	177°C
10,000 16,000 20,000	200°C





1.25" Piezo

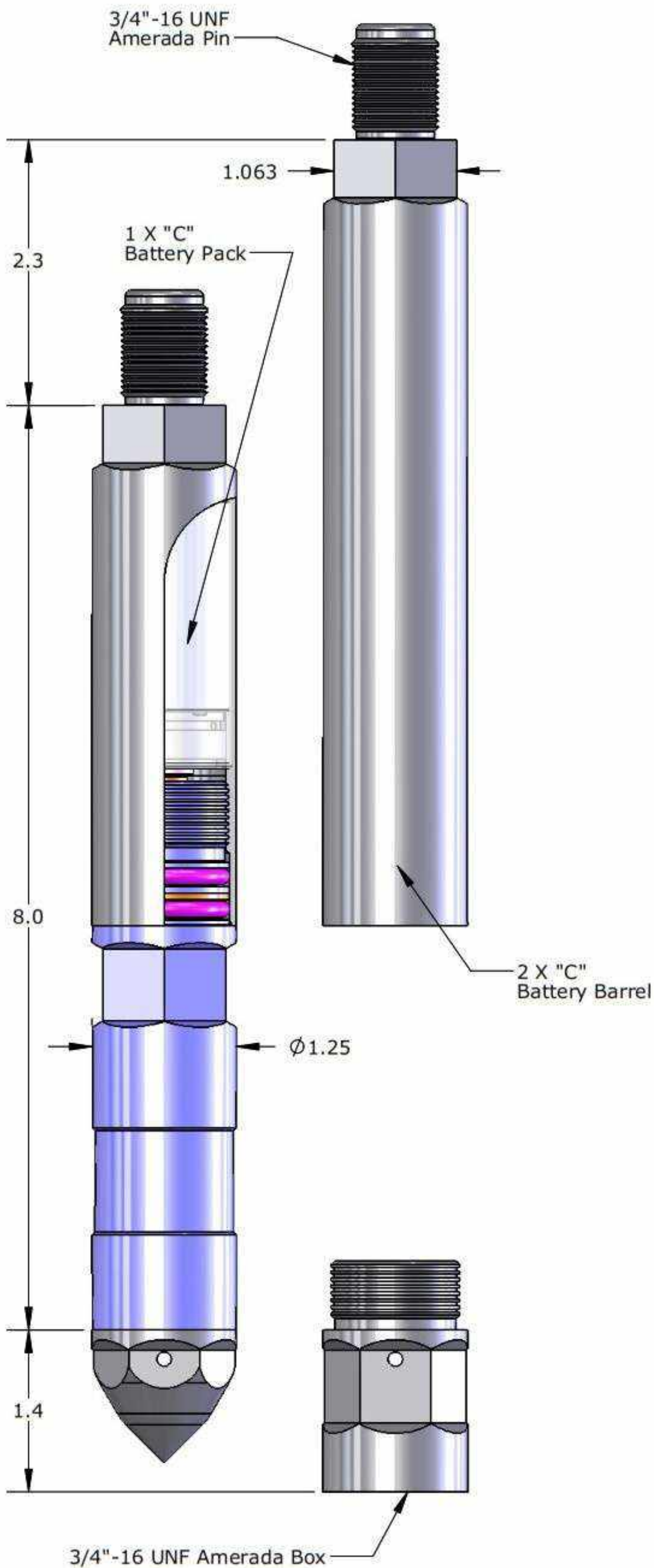
Description:

- Downhole memory gauges with Piezo sensors are fast responding and reliable. The Piezoresistive silicon sensor is also called a silicon strain sensor or a "sapphire" sensor. This sensor can be assembled into a downhole tool that measures a combination of oil well pressure, temperature, flow, and even depth (using a casing collar locator).

Features:

- Reliability
- Simplicity
- 0.1s Fast Sample Rate Option
- Pressure Trigger Option
- 1 Million Sample Capacity
- Inconel 718 – NACE MR0175

Pressure (psi)	Temperature
750	100°C
1,500	120°C
3,000 6,000 15,000	150°C
10,000 15,000 20,000 25,000	177°C





Current Ongoing Service Locations





OUR CONTACT DETAILS

A trusted service provider for the Oil and Gas industry, specializing in reservoir data acquisition, interpretation, and evaluation. Offers mercury-free bottom hole sampling, slickline operations, and advanced well analyzer services, backed by in-house repair and testing facilities for reliable, high-quality results.

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