



teamwork  
ingenuity  
modularity

service company resources are

# challenged



The global oil and gas industry is evolving from an exploration driven business to a resource exploitation business.

## A fresh approach to maximizing resources

With limited new oil and gas discoveries and an ageing existing infrastructure, the challenge of balancing resources with demand is growing. The global oil and gas industry is in the process of evolving from an exploration driven business to a resource exploitation business. Service companies now, more than ever, need to know and rely on robust, reliable and efficient tools and systems to maximize returns.

Probe understands that as a service company you are affected by changing demand, fluctuating maintenance and repair requirements and a need to optimize equipment utilization. We believe that you can ease these pressures without relying on further resource. And we can show you how.

Our focus is on what you, as our customer, want – and how we can make your job easier. We look at the industry with fresh eyes and focus not only on what is being done, but how it is being done. Breaking with convention and previously accepted constraints is vital to our success in the delivery of optimized, streamlined services for making downhole well measurement.

Our modular approach optimizes existing technology, improving tool performance and embracing the concept of efficient manufacturing.



# open the door

to new cost efficiencies

## Finding you a better way

Probe gains competitive advantage for our customers through resource efficiency – saving you both time and money.

We design, manufacture and service specialized modular downhole tools and systems. Our tools are used in formation evaluation, well integrity assessment and well productivity determination across the global energy industry.

Our unique approach uses a combination of ingenuity, modularity and teamwork to optimize conventional measurement methods – producing scaleable, efficient and fit-for-purpose design.

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## Giving you our all

At Probe we believe in supporting our customers throughout the lifetime of our tools – we know that our success relies on your success and that's something we always remember.

Our extensive in-house expertise allows us to offer a whole-system service for electronics, signal processing, manufacturing and testing. Not only can we provide you with complete, modular measurement tools, we also offer parts and maintenance services right through to technical training where you'll gain access to comprehensive resources to support your operations.


## Rising to your challenges

From the design stage up, Probe practices efficient manufacturing – our technology is stronger and more reliable, with optimized signal processing and efficient power management within our tools. Typically our tools have an energy efficiency of 97%. All these factors combine to ensure maximum system integrity. We strip our tools of unnecessary components and ensure the modules that remain are exceptionally robust. Our tools offer state-of-the-art communications protocols and will integrate seamlessly with your existing tool inventory, enabling a system-based performance advantage for you and your customers.

We listen to what you want and develop it from solid foundations, module by module to meet your exact requirements. This flexibility allows us to respond quickly to your needs. Development projects we have undertaken can be achieved up to three times as fast

as the conventional approaches used in tool design, getting you to market quicker and more efficiently than previously possible. In brief, our tools deliver reliable measurements, faster.

Our modular approach means each of our systems is fit-for-purpose, demonstrating ruggedness, ease of maintenance and efficiency. We provide downhole measurement systems for formation evaluation, well integrity assessment and well productivity determination. Whatever tools we design and develop we consider your requirements first. With our focus on wireline tools and associated systems, we know that to meet your requirements our components must operate at temperatures of over 350° F and pressures of up to 20,000 PSI. Our tools are strong from the inside out, ready to meet and exceed your demands.



At Probe, we listen to our customers and deliver exactly what you need. We don't reinvent the wheel for the sake of it.

# discover

a whole new perspective

## Let us take a fresh look

Probe's ingenuity is inspired by the challenges that you face. Our industry is constrained by limited resources and technology. This combined with an overriding need for cost-effective well maintenance gives us the foundation for our innovation.

We believe that the tightest corners can produce the brightest innovations and our method of optimizing existing methods ensures our modular tools are 100% fit-for-purpose – without any unnecessary components affecting efficiency. Through this approach we can offer you improved service economics and new cost efficiencies.

## Ingenuity

At Probe, we listen to our customers and deliver exactly what you need. We don't reinvent the wheel for the sake of it. We look at existing methods and measurement tools and consider how we might make them better and more efficient in terms of time, cost and energy. We ask ourselves and you questions about how we could improve traditional practices – and go in search of the answers. Then we find them for you, delivering reliable, efficient solutions that help you gain competitive and performance advantage.

## Teamwork

We know that you need a team that understands you and your operations. We're on it. We provide skilled personnel who will work side by side with you as an extension of your team. This ensures we deliver exactly what is needed – and what we promise you.

The right personnel make a good organization great. Probe understands this and employs individuals with a diverse range of skills and experience – and a desire to innovate. Driven by a shared passion for engineering and ingenuity, each member of our workforce knows the value of asking questions and challenging conventions.

## Modularity

Your project timeframes are tight and your resources limited. We can help you deliver on time. Probe has a modular approach to its design, engineering and manufacturing. Working with established foundations and solid building blocks means we can test, evaluate and deliver our specialized tools in around 30% of the time of more conventional methods.

Our systematic, scaleable and efficient systems can be customized to meet your individual needs without compromising on performance.

dedicated project

resource

engineering and

innovation

reliable equipment supply

partnering

#### We adapt to suit you

Our customers all have different requirements. At Probe our philosophy is based on adaptability, so we also pride ourselves on understanding your challenges and meeting them. Whatever your priorities and service needs, we can help you achieve performance advantage through our ingenious approach to electrical and mechanical engineering and the application of proven technology.

#### What can we do for you?

As a service company you face your own challenges, with an ongoing need to establish and maintain a competitive edge in the energy industry. We know that you need to demonstrate value to prospective customers as a vital part of winning new business and retaining existing contracts. Our total-system approach brings together the most appropriate resources efficiently so you can deliver performance advantage.

By incorporating spare parts and maintenance provisions as well as the whole-system offering, our approach allows you to streamline your business without compromising performance, saving time and resources for you and your customers.

Probe can help you maximize resource and cost efficiency in a number of ways:

- Improving productivity
- Reducing on-site personnel
- Removing complexities from your tool range
- Maximizing energy efficiency
- Producing rugged tools for reduced maintenance
- Optimizing well-maintenance programs
- Accelerating tool and system development cycle

When options seem limited, Probe can provide you with a solution – delivering ingenious, cost-effective and reliable alternatives.

Probe's modular approach and unique way of challenging conventions gives your organization the adaptability and flexibility to improve profit margins and enhance your service offer.

## Company background

Headquartered in Fort Worth, Texas, Probe has an oilfield heritage that goes back to the 1940's when the organization began making some of the first mechanical pressure and temperature gauges used to assess reservoir dynamics.

As time passed, and technologies evolved, so the organization introduced quartz and electrical gauges for slickline applications and expanded its portfolio to include a comprehensive suite of cased hole and open hole wireline tools.

# see for yourself

## Our customers include:

Halliburton	Cudd Pressure Control
Baker Oil Tools	Tiger Wireline Services
Weatherford	Log Tech
Wood Group	EPI Logging
Superior Oilfield Services	Al Mansouri
Gray Wireline	National Petroleum Services
Hexion	Eastern Testing Services
Rosel	Oil-Serv
Lone Wolf Wireline	Sahara Wireline Services
Case Wireline	Lukoil
Recon Petrotechnologies	Saudi Arabia
Owen Oil Tools	Shell
Perf-o-log	Chevron
Peak Wireline	Oil India

## Your success is our reward

Our track record for customer satisfaction speaks volumes. We deliver what we promise and if there is a more resource-efficient way of carrying out your operations, we will find it.

### Some of our recent achievements include:

- 500° F CBL/Radial Bond & GR/CCL Tool
- 90" per minute Gamma Ray/Radial Bond Tool
- Slickline Perforating System
- Intelligent Perforating Platform
- Frac/Propant Diagnostics Tool
- Dual Fire Gamma Perforator with shunted detonator safety circuit
- HPHT Gauges: up to 200° C (572° F) for 42 days
- Ultra HT: up to 300° C (572° F) for 6 hours

## For your measurement needs

From our extensive product portfolio, Probe can deliver tools and systems to meet the spectrum of your measurement requirements:

### Cased Hole

- Wellbore Integrity
- Cement Bond Integrity
- Depth Correlation
- Production Logging/Profiling
- Corrosion Logging/Profiling



### Introducing the UniTool™

Unique to Probe, the UniTool enables you to run traditional wireline measurement tools on any cable, including slickline. This highly innovative and practical tool can be used to address up to 67% of all cased hole applications that do not have an absolute requirement for real-time data acquisition.



## See how we can help you

Please call or email us to discuss your specific requirements.

Email us at [enquire@probe1.com](mailto:enquire@probe1.com)

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