



ENGINEERED FISHING SERVICES

A WELLVENE DIVISION

DIVISION OVERVIEW

FOR THE DESIGN, MANAGEMENT
AND DELIVERY OF COMPLEX
FISHING OPERATIONS



With a decline in new well delivery often resulting in an increase in interventions within ageing well stock, coupled with an increase in P&A activity and a demand for specialised fishing services, Wellvene have formed our Engineered Fishing Services Division to support the global market in this area.

From the supply of our bespoke and product based fishing tools, to our fishing management and support services, Wellvene have strategically formed a team of highly experienced personnel with a significant track record in the delivery of successful heavy duty fishing services.

Our goal is to provide our customers with a unique and tailored management service that shall involve the review of complex fishing requirements. From modelling and supply of fishing scenario drawings, preparation and support of operational

programmes, design manufacture and supply of tooling specific to the operational requirements, completion of replicated onshore trials, to the supply of offshore field and onshore engineers dedicated to the project from start to finish.

It is through this committed and experienced approach that we are confident our customers stand a greater likelihood of success in the reinstatement of clear wellbore access through the professional planning of specialised requirements to remove and clear

OUR GOAL IS TO PROVIDE OUR CUSTOMERS WITH A UNIQUE AND TAILORED MANAGEMENT SERVICE THAT SHALL INVOLVE THE REVIEW OF COMPLEX FISHING REQUIREMENTS.

dropped, lost or stuck well bore obstructions such as, yet not limited to, toolstrings, BHA's, wire, cable, lock mandrels, packers and bridge plugs.

SERVICE OFFERINGS

Service companies often own a sufficient fishing package which may comprise of a standard or heavy-duty wireline unit and toolstring, however there may often be one key element missing that could be the difference between a successful or non-successful fishing operation. That is someone or a team with a strong, focused and proven background in wire deployed fishing operations that can confidently and competently plan and coordinate such operations both from onshore and at the well site.

Typically, by not having the required personnel, a company may utilise senior crew from within their slickline or wireline pool to fill these critical job roles. This approach may be sufficient for most fishing operations, however with more complex operations, not having a fishing specialist onshore / offshore runs the risk of escalating the problem in the well with every run.

Wellvene's service is aimed to complement the skills gap within the incumbents fishing, slickline or electric line departments, where we will work alongside and support them as a team. Working towards the same objective, we can offer onshore Operations Engineers and field Fishing Engineers,

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that bring the skills required to engineer a solution and assist with delivering a successful outcome for all.

Wellvene have a large range of robust, proven and advanced fishing BHA's available, including but not limited to external and internal latch pulling tools, spears, overshot's, combined expandable wire finder grabs / spears / wire retrievers, and position indicator tools. We can also design engineer and manufacture bespoke fishing BHA's to suit the most complex of operational requirements.



OPERATION PLANNING

The Operations Engineer will consider the well location, parameters, and history, prior to composing an Engineered Operational Proposal. The proposal will cover all events leading to the problem down hole, any subsequent recovery attempts, any limiting factors, and show the operational window for the tools and the wire or cable selected to address the problem. A detailed list of primary and contingency fishing BHA's will be advised

for each object to be removed from the well, considering all weak points and yield strengths of the fish and the toolstring / BHA's, with additional contingencies in the event that the fish has to be broken at pre-selected weak points and extracted in multiple runs. This approach ensures that all scenarios are covered to allow the fishing operation to continue regardless of the direction the operation requires to be taken.

Where conventional fishing tools would not be the optimal solution for the job, from concept through to completion we offer 3D conceptual modelling for each project. This allows for in-depth conceptual feasibility reviews to be completed prior to committing to the manufacture of a prototype or finished product. We have the capability of designing, manufacturing, testing, and qualifying all technology and products in house to ensure the highest

level of quality assurance. With all products, Wellvne offer onsite training, in-depth technical manuals, and tool assembly / disassembly videos. This ensures personnel product competency for every tool that has been designed, manufactured, and supplied.

1. Combined Expandable Wire Finder System – Wire Retriever
2. Combined Expandable Wire Finder System – Wire Grab
3. Max Contact Pulling Tools
4. Internal Max Contact Pulling Tools
5. Position Indicator Tool
6. Releasable Overshot
7. Releasable Spears



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