

# CASE STUDY

## Helix BOP Stack

### Worldwide Oilfield Machine



#### Background

Worldwide Oilfield Machine, Inc. (WOM) provides high reliability pressure and flow control equipment to the oil and gas industry worldwide. In early 2013 WOM were commissioned by Helix Well Ops, to build five BOP stacks at various locations, including the UK and Houston.

#### Customer Requirement

As part of their scope of supply, WOM had a requirement for the supply of a range of high and low pressure instrumentation products including tubing, fittings and valves as well as specific Hydraulic products. It was essential that all products were sourced from industry leading manufacturers.

In addition to the necessity for a quick turnaround on the BOP build, with Helix Well Ops requesting the project be completed within four months, provision of project management was also identified as a key requirement to effectively manage the supply of product, sourcing and scheduling of manpower and delivery of technical expertise.

#### Hydrasun Solution

Having identified the above requirements, Hydrasun delivered a proposal covering an integrated product, service and project management offering.

Hydrasun's range and size of inventory, founded on long-term relationships with industry leading manufacturers, supported by the availability of value added services including labour provision, on-site mobile support services and a project management capability, allowed for the fast turnaround on product and delivery of an integrated turnkey solution to WOM.

Technical Integrity and Quality assurance needs were met by the provision of highly experienced and certified pipefitters to undertake hydraulic tube bending and fitting, whilst Hydrasun's engineering support team recommended improved product configurations to help remove potential leak paths.

#### Result

With an overall value of £650k, Hydrasun delivered an integrated solution that encompassed product supply, service delivery, labour provision and technical support, adding real value to WOM through supporting the projects on-time delivery objectives whilst delivering real cost savings through the utilisation of one source of supply for all Hydraulic and Instrumentation requirements.

By managing and co-ordinating the product supply and on-site labour requirements for installation work Hydrasun ensured that the projected four month build programme for the BOP was completed ahead of schedule within a three month period.

#### At a glance...

##### Customer

Worldwide Oilfield Machine

##### Location

UK

##### Customer Requirement

BOP stack build requiring the fast track supply of high and low pressure instrumentation and hydraulic products, together with the provision of technicians to undertake installation work.

##### Hydrasun Solution

Hydrasun provided an integrated solution encompassing product supply, labour provision, technical support and project management to ensure the BOP build was completed within a short project timescale.

##### Benefits

- Enhanced Integrity & Quality Assurance
- Reduced leak paths
- Delivery Lead Time
- Single Source Integrated Solution
- Project Management



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