POWERED BY PARKER

Improving Record Breaking Design

Parker managed the design, procurement, fabrication , commission gin, load-out, and start-up of an enhanced mobility land rig for cold weather environments.

Challenge

Required a new drilling rig to be designed based on their record breaking, custom-built extended reach drilling (ERD) rig; optimized for remote, cold environments, and with enhanced mobility for faster rig moves.

Solution

Parker leveraged experience from designing the customer's original ERD rig, ensuring certainty of outcome in meeting the customer's project objectives.

Results

- Designed and managed the fabrication of the rig in **30 months**
- Delivered the completed drilling rig to remote location with **minimal** open punch list items
- Parker operations personnel were integrated with the Parker technical team to expedite the handover and transition into drilling operations

Complete Project Management

Parker provided full support and management during the project to deliver a safe and reliable rig. Parker placed team members on site at the Brownsville fabricator, who consulted on and assisted with both the fabrication and load out and delivery from the Brownsville, Texas site to customer's remote location. This process was essential to manage effectively as at over 40 truckloads when broken down, it is one of the largest land rigs in the world.

Once the rig arrived at the drill site, Parker operations and management team provided efficient support and structure to facilitate an early rig-up. the integration of the Parker teams ensured a seamless transition from Technical Services into drilling operations, saving both costs and time.

Implemented proven processes and procedures to provide a reliable result

Parker developed specific operations and maintenance procedures, based on years of experience, to facilitate a seamless transition into drilling operations once the rig arrived on site. Parker also leveraged years of experience and lessons learned from previous harsh environment land and platform rig builds to make sure the final product was delivered on time and within budget.

To enable a safe and reliable delivery, QHSE personnel and procedures were present for all design, construction, and transportation operations. This included ensuring:

- Vendor drawings, documents, and specifications reviewed and approved by engineers, management, and client prior to equipment fabrication.
- OEM oversight included schedule delivery review, expediting, vendor site visits, and QA/QC audits.
- Equipment received in the shipyard was thoroughly inspected, documented, and preserved.

This effective process ensured that the team encounter no delays and were able to complete the project ahead of schedule.

Energy. Well engineered.

Find out more at **parkerwellbore.com**

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