

/ Expro Excellence

PowerChokes®

Expro PowerChokes team provide innovative solution in record time, saving customer time and money in Gulf of Mexico



Objectives

- Expro's PowerChokes® team had installed a pressure relief valve (PRV) on the mud pumps for the Ocean Blackhawk, operating offshore Gulf of Mexico
- After the customer (Diamond Offshore Drilling Incorporated) modified the PRV console and PRVs began operating erratically, Expro personnel were sent to the rig for troubleshooting and repair

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- None of the PRVs were working as the control console was faulty, despite many hours attempting to repair back to operational status
- Decision was made to send a new control system to the rig, replace on location to bring the system back and investigate further
- Addressed Anadarko's concern regarding timescale by embarking on an innovative solution – Anadarko needed to engage in drilling within 12 hours, otherwise would be subject to \$500k/day costs if not operational

- Expro team assembled a PRV system in-house, completed FAT and packaged for shipment in record time
- Unique approach undertaken to get the PRV to site – approached local, private aircraft pilot to fly to Houma, Louisiana with shipment, where it was then transferred to helicopter and flown direct to the rig

Value to client

- Operational within 14 hour timeframe
- Avoided costly downtime of \$500k/day
- Innovative approach by Expro team and unrivalled customer service



About pressure relief valve (PRV) systems:

- Valve body is of forged construction, API 75K material and impact-tested
- Virtually maintenance free with high erosion resistance/extended trim life
- Control system is ATEX certified with a significantly faster response time and unparalleled reliability Provides much needed redundancy, data logging and enhanced safety features

Operational within a record period of time

7.35am

Decision made and solution expedited

2.00pm

Replacement arrived on rig in Gulf of Mexico from Houston, TX

9.00pm

Rig ready to go back online

Contact

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