



DRILLING RISER GUIDE FRAME.

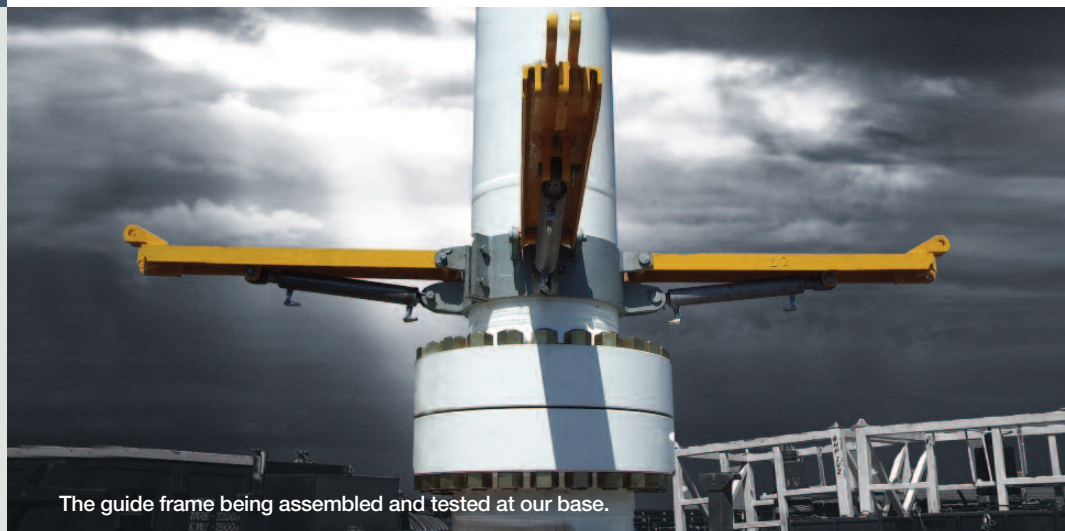
Claxton's drilling riser experience engineers
an elegant solution for ConocoPhillips.



You look at some solutions and they are so elegant, so simple, that you wonder why nobody has thought of them before. Claxton's retractable riser guide arms are a perfect example of this. The retractable arms enable drilling or workover risers to be run and landed safely and reliably on subsea wells; they also save rig time and render the whole process reasonably independent of the weather.

But any normal guide arms would do this, so what is the advantage of the

arms being retractable? The problem is that to fit over the standard guide posts fitted to subsea wells, the fixed arms need to extend about 2 m from the riser, and so they cannot pass through the rotary table of even the biggest jackup drilling rigs. It is therefore normal practice to fit the arms to the riser below the rig floor: maybe on the Texas deck, if the rig has one. But this is not always easy owing to limited access or restrictions on the span of the structure to be fitted.



The guide frame being assembled and tested at our base.

Indeed, on modern jackup rigs the presence of pollution containment units below the rig floor makes the task almost impossible. Then it is sometimes necessary to feed the riser into the rig from a boat stationed below it, with its obvious economic and operational implications.



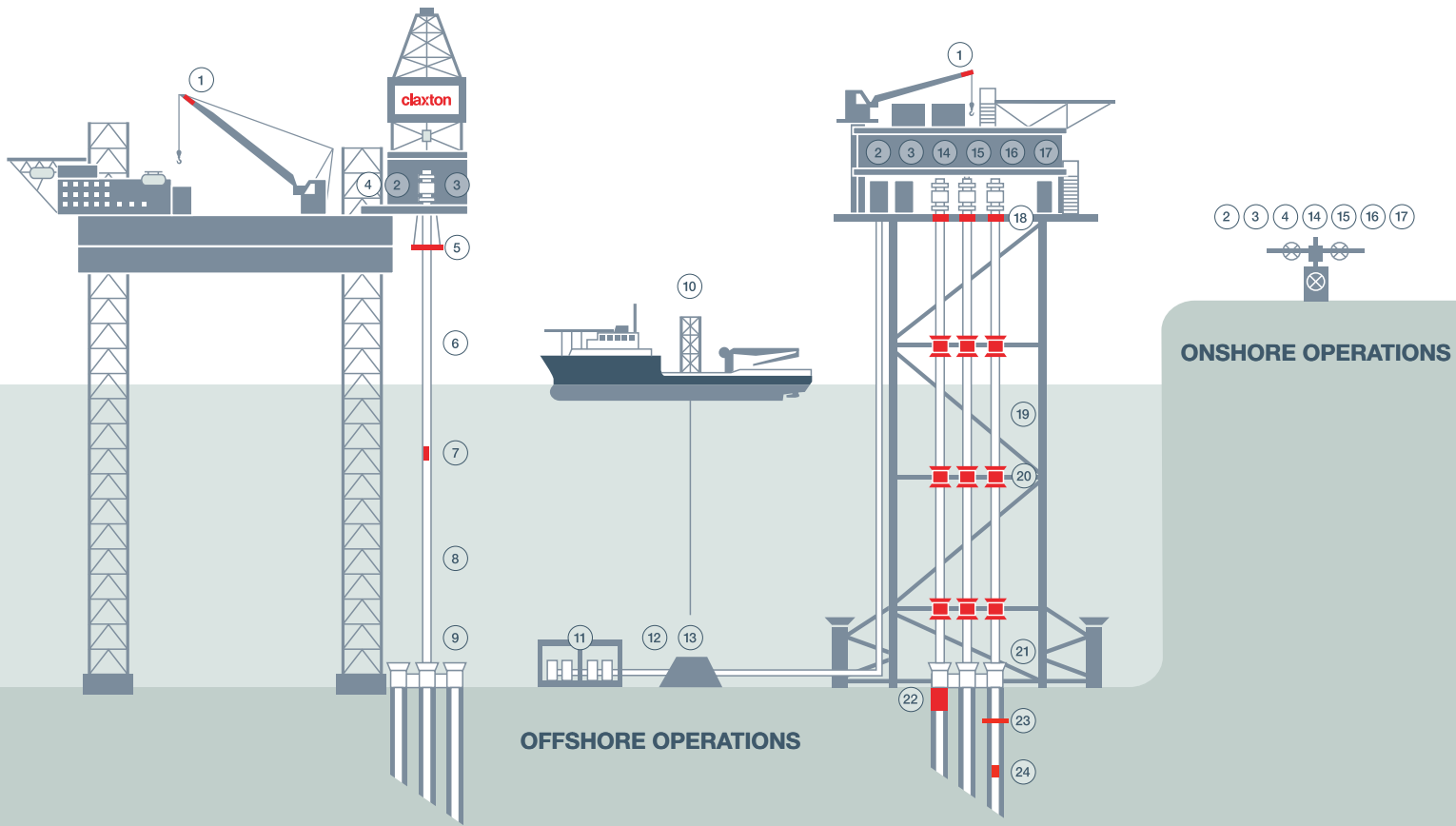
The guide frame was extensively tested before being taken offshore. Claxton has a long history of rapidly designing, manufacturing and supplying bespoke equipment to resolve operating challenges safely and cost-effectively.



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CLAXTON CAPABILITIES



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UK HEAD OFFICE

T: +44 (0) 1493 744500
E: info@claxtonengineering.com

ABERDEEN

T: +44 (0) 1224 452371
E: aberdeen@claxtonengineering.com

DUBAI

T: +971 4 8863540
E: dubai@claxtonengineering.com

NORWAY

E: norway@claxtonengineering.com
W: www.claxtonengineering.no

SINGAPORE

E: singapore@claxtonengineering.com
W: www.claxtonengineering.sg