

Best-in-Class downhole solutions that add real value to reeled pipe operations.

BAKER HUGHES

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Cameron Deepwater Riser Solutions

Cameron provides riser systems to accommodate the most stringent conditions encountered in deepwater applications including high tension loads, multiple control lines and the need to respond to changes in surface weather conditions. In addition, Cameron provides innovative system solutions such as the award winning Free Standing Drilling Riser System, designed to ensure safety and reduce costs.

www.cameronriser.com

Subsea Asset Services

Intervention Tools
Offshore Support
Asset Management

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WHO SHOULD YOU THINK OF FOR WELL INTERVENTION SERVICES? THINK OF US.

No matter where your wells are, you can rely on experienced Schlumberger service teams and state-of-the-art equipment for efficient, effective coil tubing, wireline and slickline interventions. Working out of locations in all of the world's major oil and gas producing areas, our intervention specialists can provide services ranging from simply opening a sliding sleeve to a borehole seismic, coil tubing drilling or other complex operations. Whenever you need our services, whatever you need them, we'll be there. It's something we've been doing for more than 75 years. To learn more, go to www.connect.slb.com, or call your local Schlumberger representative.

WELL INTERVENTION USING RIGLESS TECHNIQUES

Service Providers for CT, HWO, Subsea Systems and Deepwater MPSV

DECEMBER 2002

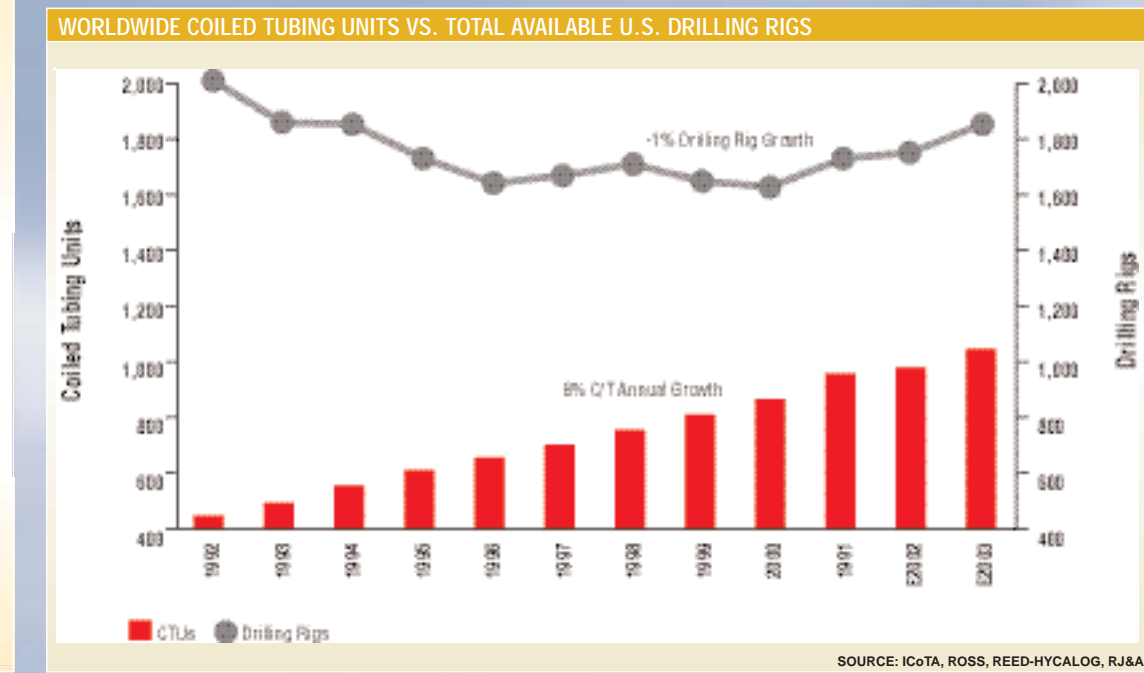
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CAPABILITIES OF SERVICE PROVIDERS

Company	Surface Equipment	Downhole Equipment or Applications	Well Bore Management	Complementary Well Services	Offshore Vessels	Related Subsea Equipment	Complementary Capabilities
AAA OFFSHORE SYSTEMS, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
ADVANCED COILED TUBING, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
BAKER HUGHES INT'L	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
BAKER OIL TOOLS, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
BAKER SERVICES COMPANY	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
CAMERON	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
CLUB PRESSURE CONTROL, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
DAVE INDUSTRIES	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
ENRG GROUP	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
FMC KONGSBERG SUBSEA AS	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
GLOBAL INDUSTRIES	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
HALLIBURTON, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
HWC, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
OCEANEERING INTERNATIONAL, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
OL STATES INTERNATIONAL, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
PROSAFE OFFSHORE, LTD.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
SAFER ENERGY SERVICES, LLC	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
SCHLUMBERGER	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
SOKUB, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
SUBSEA T, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
SUBSEA INTERVENTION, AS	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
SUPERIOR ENERGY SERVICES, LLC	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
TORCH OFFSHORE, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
TUCKER SERVICE SERVICES, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
WELL OPS, INC.	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation
WOOD GROUP	Electric Line Units	Wellbore Isolation	Wellbore Isolation	Wellbore Isolation	Offshore Vessels	Wellbore Isolation	Wellbore Isolation

TECHNIQUE A - COILED TUBING EQUIPMENT

Injector, Tubing, Tubing reel, Control house, Pack

CTU SERVICE PROVIDERS: EQUIPMENT AND EXPERIENCE

Company	Number of Units	Number of Rigs	Number of Operators	Number of Years
AAA OFFSHORE SYSTEMS, INC.	1	1	1	1
ADVANCED COILED TUBING, INC.	1	1	1	1
BAKER OIL TOOLS, INC.	1	1	1	1
BAKER SERVICES COMPANY	1	1	1	1
CAMERON	1	1	1	1
CLUB PRESSURE CONTROL, INC.	1	1	1	1
DAVE INDUSTRIES	1	1	1	1
ENRG GROUP	1	1	1	1
FMC KONGSBERG SUBSEA AS	1	1	1	1
GLOBAL INDUSTRIES	1	1	1	1
HALLIBURTON, INC.	1	1	1	1
HWC, INC.	1	1	1	1
OCEANEERING INTERNATIONAL, INC.	1	1	1	1
OL STATES INTERNATIONAL, INC.	1	1	1	1
PROSAFE OFFSHORE, LTD.	1	1	1	1
SAFER ENERGY SERVICES, LLC	1	1	1	1
SCHLUMBERGER	1	1	1	1
SOKUB, INC.	1	1	1	1
SUBSEA T, INC.	1	1	1	1
SUBSEA INTERVENTION, AS	1	1	1	1
SUPERIOR ENERGY SERVICES, LLC	1	1	1	1
TORCH OFFSHORE, INC.	1	1	1	1
TUCKER SERVICE SERVICES, INC.	1	1	1	1
WELL OPS, INC.	1	1	1	1
WOOD GROUP	1	1	1	1

TECHNIQUE B - HYDRAULIC WORKOVER EQUIPMENT

Jacking, Support frame, Slips, Dog house, Power pack

HWO SERVICE PROVIDERS: EQUIPMENT AND EXPERIENCE

Company	Number of Units	Number of Rigs	Number of Operators	Number of Years
AAA OFFSHORE SYSTEMS, INC.	1	1	1	1
ADVANCED COILED TUBING, INC.	1	1	1	1
BAKER OIL TOOLS, INC.	1	1	1	1
BAKER SERVICES COMPANY	1	1	1	1
CAMERON	1	1	1	1
CLUB PRESSURE CONTROL, INC.	1	1	1	1
DAVE INDUSTRIES	1	1	1	1
ENRG GROUP	1	1	1	1
FMC KONGSBERG SUBSEA AS	1	1	1	1
GLOBAL INDUSTRIES	1	1	1	1
HALLIBURTON, INC.	1	1	1	1
HWC, INC.	1	1	1	1
OCEANEERING INTERNATIONAL, INC.	1	1	1	1
OL STATES INTERNATIONAL, INC.	1	1	1	1
PROSAFE OFFSHORE, LTD.	1	1	1	1
SAFER ENERGY SERVICES, LLC	1	1	1	1
SCHLUMBERGER	1	1	1	1
SOKUB, INC.	1	1	1	1
SUBSEA T, INC.	1	1	1	1
SUBSEA INTERVENTION, AS	1	1	1	1
SUPERIOR ENERGY SERVICES, LLC	1	1	1	1
TORCH OFFSHORE, INC.	1	1	1	1
TUCKER SERVICE SERVICES, INC.	1	1	1	1
WELL OPS, INC.	1	1	1	1
WOOD GROUP	1	1	1	1

TECHNIQUE C - WIRELINE EQUIPMENT

Wellhead, Wireline, Control house

WIRELINE SERVICE PROVIDERS: EQUIPMENT AND EXPERIENCE

Company	Number of Units	Number of Rigs	Number of Operators	Number of Years
AAA OFFSHORE SYSTEMS, INC.	1	1	1	1
ADVANCED COILED TUBING, INC.	1	1	1	1
BAKER OIL TOOLS, INC.	1	1	1	1
BAKER SERVICES COMPANY	1	1	1	1
CAMERON	1	1	1	1
CLUB PRESSURE CONTROL, INC.	1	1	1	1
DAVE INDUSTRIES	1	1	1	1
ENRG GROUP	1	1	1	1
FMC KONGSBERG SUBSEA AS	1	1	1	1
GLOBAL INDUSTRIES	1	1	1	1
HALLIBURTON, INC.	1	1	1	1
HWC, INC.	1	1	1	1
OCEANEERING INTERNATIONAL, INC.	1	1	1	1
OL STATES INTERNATIONAL, INC.	1	1	1	1
PROSAFE OFFSHORE, LTD.	1	1	1	1
SAFER ENERGY SERVICES, LLC	1	1	1	1
SCHLUMBERGER	1	1	1	1
SOKUB, INC.	1	1	1	1
SUBSEA T, INC.	1	1	1	1
SUBSEA INTERVENTION, AS	1	1	1	1
SUPERIOR ENERGY SERVICES, LLC	1	1	1	1
TORCH OFFSHORE, INC.	1	1	1	1
TUCKER SERVICE SERVICES, INC.	1	1	1	1
WELL OPS, INC.	1	1	1	1
WOOD GROUP	1	1	1	1

NOTES

Note 1.1: Combination of A-B in CT can be used in highly deviated or horizontal wells.

Note 1.2: For low differential pressure (100 psi), using smaller diameter tubing.

Note 1.3: For most services.

Note 1.4: Can be accomplished for highly deviated or horizontal wells with use of well service.

Note 1.5: Difficult and costly for deviation angle greater than 50 degrees.

Note 1.6: High Pressure CT may be used as it provides time savings compared to HWO.

Note 1.7: Tubing string out is a major workover where HWO cannot be used.

Note 1.8: Possible with new technology tools, such as Fire.

Note 1.9: Conditionally compatible with BJ Services to develop Robotics Coiled Tubing Intervention System (RCTIS), based on ABE OS, DIRM 2000, Stasul and Norwalk.

Note 2.1: Joint venture between ABE Offshore and Subsea Intervention AS to provide subsea systems and MPSV, respectively.

Note 2.2: Provided a package for the vessel for subsea well intervention.

Note 2.3: ABE Offshore and Subsea Intervention AS to provide subsea systems and MPSV, respectively.

Note 2.4: Provided a package for the vessel for subsea well intervention.

Note 2.5: ABE Offshore and Subsea Intervention AS to provide subsea systems and MPSV, respectively.

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