





INNOVATIVE CASING AND COMPLETION TECHNOLOGY

Deep Casing Tools specializes in the design and manufacture of next generation casing and completion tools for the Oil, Gas and Geothermal industries.

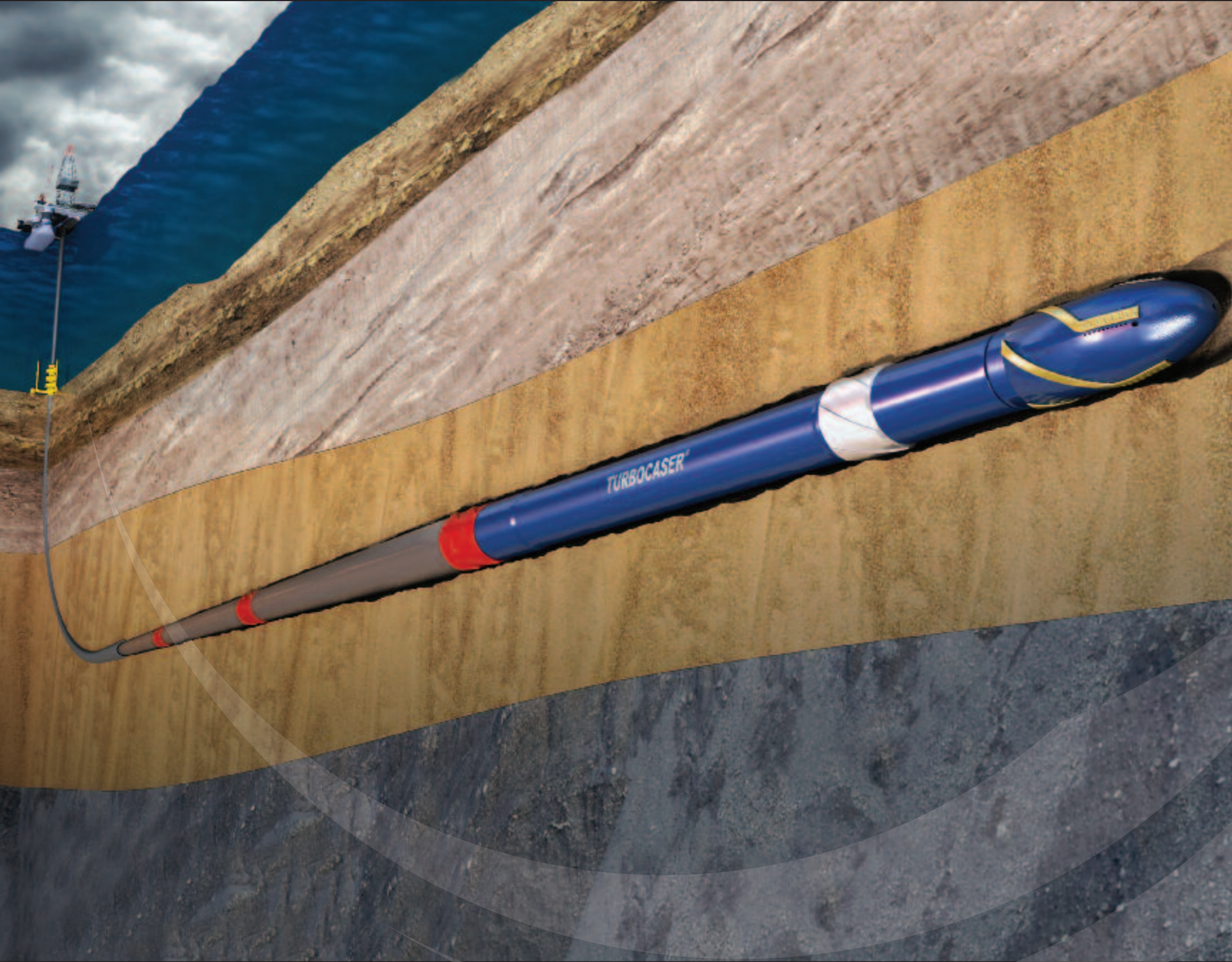
Our high performance tools deliver increased reliability and effective performance for the most demanding well bore and completion scenarios, including highly deviated and HPHT wells, and screen or ICD completions. We simplify and enhance casing and liner placement operations by improving performance, reducing cost and mitigating risk in achieving target depth.

From our highly innovative **Turbocaser™**, the independently powered, drill-through reaming system, to our best-in-class **Turboblade™** range of Premium Solid Body Casing Centralizers, Deep Casing Tools delivers well bore integrity wherever you are and whatever you're up against.

Awards and Credentials

- FPAL and Achilles Industry Qualified
- Scottish Equity Partners and Energy Ventures backed
- BP Industry Support Partner
- Scottish Enterprise SMART award
- Finalist Scottish Offshore Achievement Award 2009





TURBOCASER™

the independently powered
drill-thru reaming system

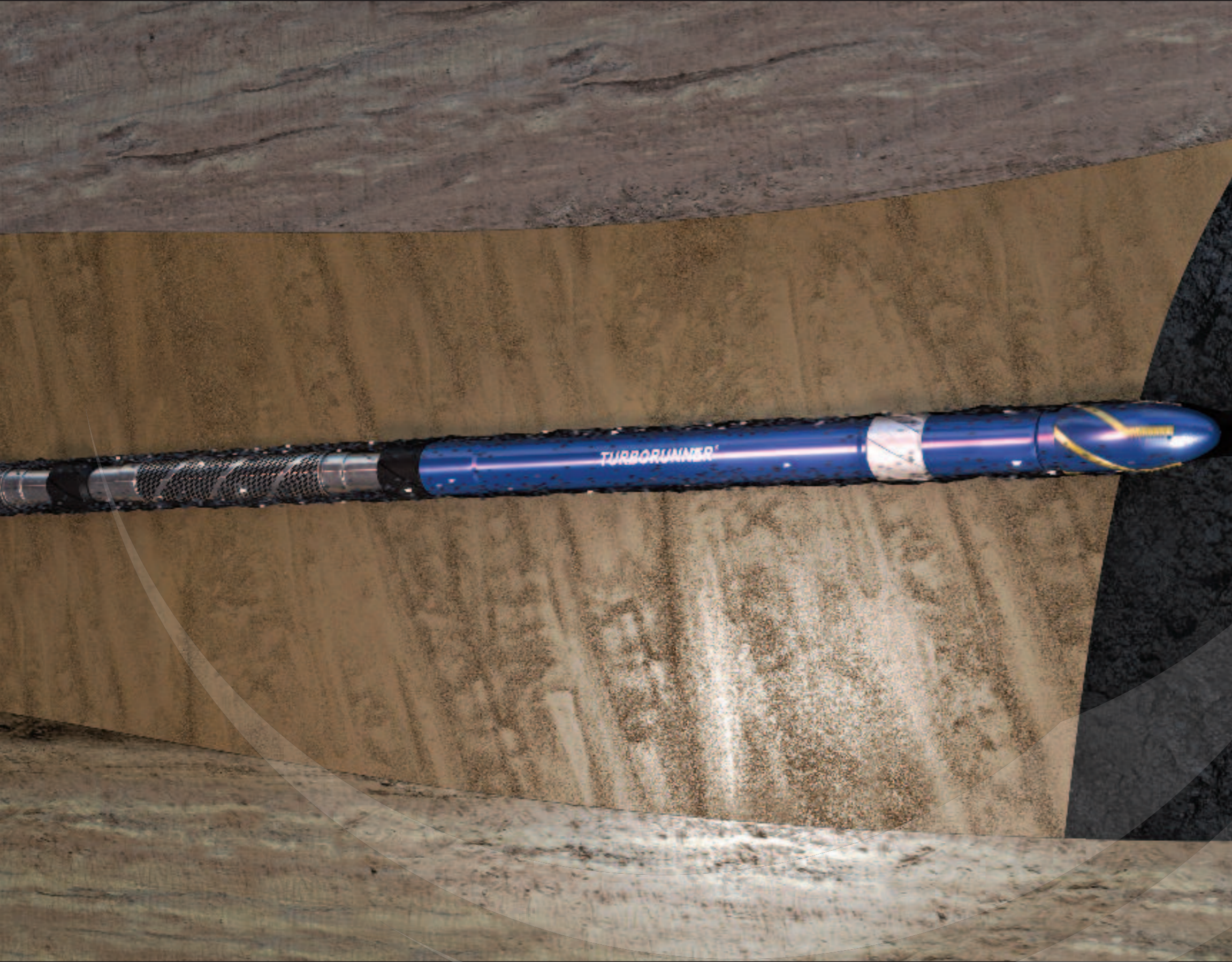
The **Turbocaser™** is a precision engineered, drill-thru reaming tool that ensures first time placement of casings or liners at target depth.

Suitable for all rigs, the **Turbocaser™** is independently powered and avoids the need to rotate casing, saving time, money and significantly reducing risk. Using the variable speed motor, the specially designed reamer shoe rotates at significantly higher speeds to achieve better reaming rates.

Features & Benefits

- Gets casing to target depth on plan
- Mud powered - no need to rotate the casing
- Drillable - eliminates operational risk
- Suits all rigs - no top drive or casing drive system required
- A proven technology - more confidence and less risk to target depth





TURBORUNNER™

Completion System

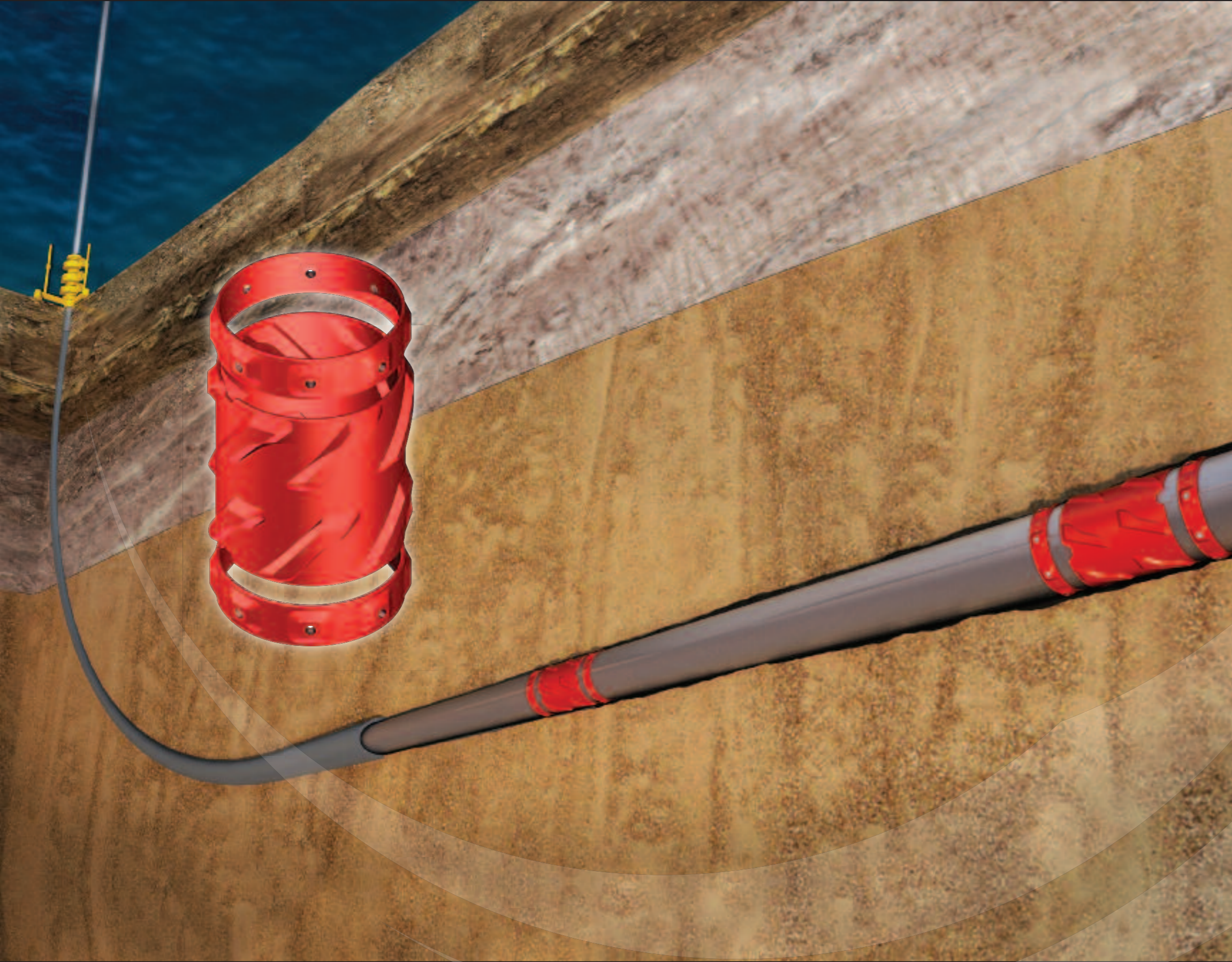
The Turborunner™ is an independently fluid powered reaming system that can be applied to most Liners and Sandface Completion operations to aid first time placement.

The specially designed tool uses low flow rate and low operating pressure to protect completion components in the string.

Features & Benefits

- Low operating pressure to integrate with complex completion systems
- Vibration free to protect completion components
- Minimal reactive torque to protect completion components
- Low pressure high speed reaming action to limit ECD
- A proven technology - more confidence and less risk to target depth





TURBOBLADE™

Premium Solid Casing Centralizers

Our best in class centralizer is guaranteed to provide casing stand-off whatever the deviation. Proven to generate 25 times more turbulence to carry drilling debris up and out of the hole, the Turboblade™ is used extensively by leading oil companies around the world.

The unique, patented, double helix array of blades are specifically designed to generate enhanced turbulence for superior hole cleaning and hence excellent cementation.

Features & Benefits

- A guaranteed stand-off >80% across the entire range - it will not collapse
- 25 times more turbulence - double helix blade array and engineered blade profile for optimal hole cleaning
- A single casting from heat treated alloy steel (no welds) - hard but not brittle - withstands tough handling to allow fitting onto the pipe prior to mobilization to well site
- Lowest coefficient of friction 0.14 from a steel product
- Stop collar capacity to API - 10D
- Optional up or down reaming action via patented clutch mechanism





WORLDWIDE PARTNER SUPPORT

Our Partners are focused on supporting our customers to achieve their target depth casing and completion objectives.

Our Partner Network has been carefully selected to incorporate organizations who share our vision around the world.

Guaranteed less risk and less cost to target depth

At Deep Casing Tools we strive to help our customers consistently deliver well completions on target depth with minimum risk – minimum risk to well safety, well integrity, well economics and future potential value. We help to meet our customer's objectives to successfully run, land, and set every casing string at target depth and to successfully place every completion string at total depth - on time and on budget.

Precision engineering to meet the challenge

Our robust and proven technologies are specifically designed to offer dependable reliability and effective performance to assist today's Drilling and Completion Engineers achieve target depth in the most demanding well bore situations - such as highly deviated, HPHT well bores and complex completion systems.



UK & EUROPE
 Deep Casing Tools Ltd.
 Suite 3, Riverside Business Centre
 North Esplanade West
 Aberdeen AB11 5RJ
 UK
 Contact: Mark Presslie
 +44 1224 572070
 +44 7540536263 (M)
 mark@deepcasingtools.com

MIDDLE EAST
 Deep Casing Tools Ltd.
 2903, Indigo Tower
 Jumeirah Lakes Towers
 71645 Dubai
 UAE
 Contact: Jamal El Debais
 +971 44312899 (T/F)
 +971 506173361 (M)
 jamal@deepcasingtools.com

KUWAIT
 Khuff General Trading Co.
 16th Floor Sahab Tower
 Fahad Al-Salem Street
 PO Box 29194
 Safat 13152
 Kuwait
 Contact: Wassim Estwani
 +965 66881554 (M)
 sales@deepcasingtools.com

OMAN
 VANGUARD Engineering &
 Oilfield services
 P.O. Box 1506, PC 130
 Azaiba, Sultanate of Oman
 Contact: Len Barton
 +968 2 4504872
 sales@deepcasingtools.com

SAUDI ARABIA
 Gotech Technologies LLC
 PO Box 402 Al Khobar
 Saudi Arabia 31952
 Contact: Ashraf Hattab
 +966 3 8575353
 sales@deepcasingtools.com

UNITED ARAB EMIRATES
 Leaders Oilfield Equipment Llc.
 M38 H52 Mussafa Industrial Area
 P.O.Box 41971, Abu Dhabi
 UAE
 Contact : Rashid Al Shukeily
 +971 2 5511152
 sales@deepcasingtools.com

FAR EAST
 Deep Casing Tools Ltd.
 Suite 3, Riverside Business Centre
 North Esplanade West
 Aberdeen AB11 5RJ
 UK
 Contact: Lance Davis
 +44 1224 572070
 +44 7765883922 (M)
 lance@deepcasingtools.com

MALAYSIA
 EP ENGINEERING SDN BHD
 Unit 203-206 2nd Floor
 Wisma TKT, 2/4, Jalan Dang Wangi
 50100 Kuala Lumpur
 Malaysia
 Contact: Zulkifli Ahmad
 +60 3 26932255
 sales@deepcasingtools.com

AMERICAS
 Deep Casing Tools Ltd.
 Suite 3, Riverside Business Centre
 North Esplanade West
 Aberdeen AB11 5RJ
 UK
 Contact: Carl Hills
 +44 1224 572070
 +44 7803385747 (M)
 carl@deepcasingtools.com



Suite 3 Riverside Business Centre, North Esplanade West, Aberdeen, AB11 5RJ, UK

Tel: +44 1224 572070 | Fax: +44 1224 572030 | Email: sales@deepcasingtools.com | www.deepcasingtools.com