

# CE

# CEMENTING



**IADC Drilling Manual** **12th Edition**

# There's more to cementing a well than just cement.

Achieving a good primary cement job is the outcome of proper planning, reliable technology, and successful execution.

**Identify drilling challenges** and objectives in deep water, shale, HPHT, and conventional applications.

**Design out risk;** design in lower well construction costs and longer productive life.

**Select products and services** that meet design requirements with our reliable technology.

## CASING CENTRALIZATION



Increase standoff, prevent differential sticking, and eliminate channeling:

- Casing accessories
- Centralizers
- Placement software services

## CASING INSTALLATION

Reach total depth safely and efficiently:

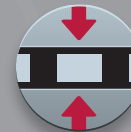
- Float equipment
- Surge reduction systems
- Torque-and-drag reduction



## ZONAL ISOLATION

Prevent fluid migration and reduce well construction costs:

- Inflatable packers
- Isolation systems
- Swellable packers



## WELL INTEGRITY

## INTEGRITY CONFIRMATION

Measure cement bond quality:

- Cement-bond-logging tools



## CEMENT PLACEMENT

Ensure effective cement slurry displacement:

- Stage cementing tools
- Wiper plugs and darts



Contact and collaborate with us at

[www.weatherford.com/cementing](http://www.weatherford.com/cementing) or [cementing@weatherford.com](mailto:cementing@weatherford.com)

## CHAPTER

**CE****CEMENTING**

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**T**he IADC Drilling Manual is a series of reference guides assembled by volunteer drilling-industry professionals with expertise spanning a broad range of topics. These volunteers contributed their time, energy and knowledge in developing the IADC Drilling Manual, 12th edition, to help facilitate safe and efficient drilling operations, training, and equipment maintenance and repair.

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