RESERVOIR CHARACTERIZATION
58  Keys to establishing success in reservoir characterization
60  Taking reservoir characterization to the next level

COILED TUBING DRILLING
62  Automated compensation system increases accuracy, safety
66  Automation and prognostics transform CT drilling performance

PLUGS
70  Long-range fracture plugs offer customized completions

ONSHORE WELL INTERVENTION
74  Establishing KPIs to monitor well control events

DEEPWATER PRODUCTION FACILITIES
80  Deepwater production advances
84  Risk brings rewards

COVER STORY: DRILLING
30  Drilling up

32  Land drillers reload
36  Impacts of drilling waste management on social license to operate
40  Drilling rigs and cognitive security
42  Reducing waste and cuttings from drilling fluids

INDUSTRY PULSE
8  Middle East opportunities, challenges

WORLD VIEW
12  Unraveling the Bakken’s EOR complexity

EXECUTIVE Q&A
14  Shell Brazil CEO is optimistic about Brazil’s E&P future

DIGITAL SOLUTIONS
26  The future is now
28  Data are this century’s oil