FCD “Dig Deeper” Papers and Articles

SPE 13434 “Triaxial-Load-Capacity Diagrams Provide a New Approach to Casing and Tubing Design Analysis”

IADC/SPE 128059 “Friction Factors: What Are They for Torque, Drag, Vibration, Bottom Hole Assembly and Transient Surge/Swab Analyses?”

SPE/Petroleum Society of CIM/CHOA 79001 “Drill-String and Casing Design for Horizontal and Extended Reach Wells—Part 1”

OTC 5791 “Prediction of Casing Running Loads in Directional Wells”

SPE 18058 “Triaxial Collapse Design Considerations for Well Tubulars”

IADC/SPE 47790 “The Impact of Compression Forces on Casing String Designs and Connectors”

OTC 3301 “In Situ Fatigue Analysis of a Tubular Joint: Hydrodynamic and Mechanical Aspects”

SPE 22547 “Bending Stress Magnification in Constant Curvature Doglegs with Impact on Drillstring and Casing”

SPE 9366 “High-Strength Heavy-Wall Casing for Deep, Sour Gas Wells”

SPE 79871 “Effect of Nonuniform Loading on Conventional Casing Collapse Resistance”

OTC 7937 “Load and Resistance Factor Design Case Histories”

OTC 3690 “Ultimate Capacity Equation for Tubular Joints”

SPE 97573 “Production Casing – Designed for Drilling or Production?”

OTC 7557 “Reliability-Based Design and Application of Drilling Tubulars”

SPE 12361 “A Service-Life Model for Casing Strings”

SPE 48325 “Real World Implementation of QRA Methods in Casing Design”

SPE 2560 “‘Maximum Load’ Casing Design”

SPE 97605 “Shell Exploration and Production Company List of Connections Tested for Well Service Pressures >8000 psi Based on Standardized API/ISO Qualification Testing Procedures”

SPE 97574 “The Role of Idealization Uncertainty in Understanding Design Margins”

SPE 11167 “Drillpipe Buckling in Inclined Holes“

SPE25370 “Helical Buckling and Lock-Up Conditions for Coiled Tubing in Curved Wells”

SPE/IADC 105026 “Catastrophic Drillstring Failures Caused by Downhole Friction Heating—An Increasing Trend”

SPE 36143 “Thermal Well Casing Failure Analysis”

SPE 98790 “Efficient Computational Method for Casing String Design”
SPE 90904 “A New OCTG Strength Equation for Collapse Under Combined Loads”
IADC/SPE 111742 “A Design Strength Equation for Collapse of Expanded OCTG”
Drilling and Production Practices, API 1951 “The Neutral Zones in Drill Pipe and Casing and Their Significance in Relation to Buckling and Collapse”
API PRAC Project 79-20 “The Propagating Buckle in Marine Pipelines”
SPE 30521 “Interactions between Torque and Helical Buckling in Drilling”
SPE 35247 “Unraveling The Mysteries of Proprietary Connections”
SPE 65098 “Helical Buckling of Pipe with Connections in Vertical Wells”
SPE 81819 “Lateral Buckling of Pipe with Connectors in Curved Wellbores”
SPE 84950 “Lateral Buckling of Pipe with Connectors in Horizontal Wells”
SPE/IADC 52847 “Helical Buckling of Pipe with Connectors”
“A Rational Expression for the Critical Collapsing Pressure of Pipe under External Pressure” W. O. Clinedinst
OTC 6104 “Pipe Collapse Under Combined Pressure, Bending and Tension Loads”
SPE 9327 “The Effect of Axial Load on Casing Collapse”
SPE/IADC 139829 “Casing Design with Flowing Fluids”
SPE 11380 “Torque and Drag in Directional Wells—Prediction and Measurement”
SPE 18047 “An Improved Modeling Program for Computing the Torque and Drag in Directional and Deep Wells”
IADC/SPE 98965 “Advancements in 3D Drillstring Mechanics: From the Bit to the Topdrive”
SPE 1543-G “Maximum Permissible Dog-Legs in Rotary Boreholes”
SPE/IADC 119903 “Further Developments in Drill Pipe Fatigue Management: A Case Study”
SPE 1258 “Cumulative Fatigue Damage of Drill Pipe in Dog-Legs”
SPE/IADC 79874 “The Goodman Diagram as an Analytical Tool to Optimize Fatigue Life of Rotary Shouldered Connections”
SPE 15463 “Designing Well Paths to Reduce Drag and Torque”
SPE 124710 “Wellbore Tortuosity, Torsion, Drilling Indices, and Energy: What Do They Have to Do with Well Path Design?”
SPE 94304 “Casing Burst Strength After Casing Wear”