

25 YEARS OF SPE DRILLING

Papers from 1986—1992 SPE Drilling Engineering
and 1993—2010 SPE Drilling & Completions

SPE Drill Eng Vol. 1, No. 1, February 1986

12626-PA

Case History for Decreasing Cost Per Foot in a Deep, Large-Diameter Hole in Hard-Rock Country
A.W. Eustes III

13441-PA

Clear Brine Drilling Fluids: A Study of Penetration Rates, Formation Damage, and Wellbore Stability in Full-Scale Drilling Tests
P.A. Dory

12491-PA

Design of Chemically Balanced Polymer Drilling Fluid Leads to a Reduction in Clay Destabilization
J.M. Griffin, A. Hayatdavoudi and A. Ghalambor

12123-PA

Experimental Study of Cuttings Transport in Directional Wells
P. H. Tomren, A. W. Iyoho, and J.J. Azar

12873-PA

A Combination Air and Fluid Drilling Technique for Zones of Lost Circulation in the Black Warrior Basin
S.L. Graves, J.D. Niederhofer, and W.M. Beavers

11992-PA

Casing Wear Caused by Tooljoint Hardfacing
B. Best

11723-PA

Volumetric Requirements for Foam and Mist Drilling Operations
G.A. Okpobiri and C. V. Ikoku

SPE Drill Eng Vol. 1, No. 2, April 1986

13158-PA

Behavior of Oil Muds During Drilling Operations
J. W. Galate and R.F. Mitchell

13001-PA

Low-Toxicity Oil Muds: A Knowledge of Downhole Rheological Behavior Assists Successful Field Application
T.J. Bailey, P.A. Bern, and F. McEwan

11356-PA

Magnesium Oil Mud Provides Gauge Hole in Bischofite / Carnallite Formations
T.S. Carter and J.E. Smith

13043-PA

Optimal Spacing for Casing Centralizers
H.K. Lee., R.C. Smith, and R.E. Tighe

12903-PA

Success in Prevention of Casing Failures Opposite Salts, Little Knife Field, North Dakota
E.A. Rike, G.A. Bryant, and S.D. Williams

12361-PA

A Service-Life Model for Casing Strings
E.F. Klementich and M.J. Jellison

13494-PA

Technical Drilling Data Acquisition and Processing With an Integrated Computer System
J.J. Chevallier, F.P. Quetier, and D.W. Marshall

12163-PA

Comparison of Magnetic Single-Shot Instruments With a Directional MWD System
T.J. Mitrou, F.A. Stone, M.L. McCarter, and B. Buss

SPE Drill Eng Vol. 1, No. 3, June 1986**13489-PA**

Case History of the Development Drilling of the Southwest Sabine Tram and West Devil's Pocket Fields
R.C. Penney Jr., A.W. Eustes III, and D.W. York

13108-PA

Drilling Techniques Improve Success in Drilling and Causing Deep Overthrust Belt Salt
K.W. Unger and D.C. Howard

13110-PA

Review of PDC Bits Run With Invert-Emulsion Oil Mud in Shallow South Texas Wells
G.M. McClelland

13257-PA

Effects of Thermal and Mechanical Loading on PDC Bit Life
D.A. Glowka and C.M. Stone

11113-PA

New Oil Mud Passes Environmental Tests
A.A. Hinds and W.R. Clements

11392-PA

Casing and Tubing Design Considerations for Deep Sour-Gas Wells
M.A. Stair and T.L. McInturff

13844-PA

Some Factors That Affect the Sour-Service Performance of Carbon-Steel Oil-Country Tubulars
S.W. Ciaraldi

14551-PA

Inexpensive Casing-Supported Drilling Templates
J.P. Harrington and L.M. Williams

SPE Drill Eng Vol. 1, No. 4, August 1986**14856-PA**

Current Status and Future Trends of Jet-Bit Drilling in China
K. Li

10960-PA

Laboratory Study of Diamond-Bit Hydraulic Lift
W.J. Winters and T.M. Warren

11950-PA

Field Application of Diamond-bit Hydraulic-Lift Principles
W.J. Winters and T.M. Warren

13454-PA

Bentonite Quality and Quality-Evaluation Methods
G.M. Bol

14178-PA

The Effects of Mud Rheology on Annular Hole Cleaning in Directional Wells
S. Okrajni and J.J. Azar

13000-PA

Use of MWD for Turbodrill Performance Optimization as a Means To Improve ROP
H.J. de Bruijn, A.J. Kemp, and J.G.M. van Dongen

13488-PA

A Method for Drilling Moving Salt Formations-Drilling and Underreaming Concurrently
C.A. Holt and J.B. Johnson

13479-PA

Deepwater Drilling Riser System
T. Chastain and D. Stone

SPE Drill Eng Vol. 1, No. 5, October 1986**12167-PA**

Electro magnetic Wave Resistivity MWD Tool
P.F. Rodney and M.M. Wisler

11170-PA

The Role of the Simulator in Drilling Operations
K.K. Millheim

13455-PA

Vinyl Sulfonate Copolymers for High-Temperature Filtration Control of Water-Based Muds
A.C. Perricone, D.P. Enright, and J.M. Lucas

15147-PA

Use of an Ion-Selective Electrode for Determination of Free Chloride Ions in Water-Based Drilling Fluids
F. Kaland, U. Hakli, and P. Ruoff

13457-PA

Effect of Mud Composition on Wear and Friction of Casing and Tool Joints
G.M. Bol

13429-PA

Air Drilling Operations Improved by Percussion-Bit/Hammer-Tool Tandem
M.C. Whiteley and W.P. England

14557-PA

Drilling and Producing Operations Utilizing a Tension-Leg Platform
R.E. Ireland, C.G. Alldredge, and W.A. Downie

11384-PA

The Remote-Controlled, Multiangle Bent Sub for Drilling Trajectory Control and Corrections
J.G. Boulet and P.E. Morin

15965-PA

Discussion of Application of Oil Muds
J. W. Bloemendal

Discussion of a Case History of the Development Drilling of the Southwest Sabine Tram and West Devil's Pocket Fields
M.A. Arceneaux

Discussion of a Case History of the Development Drilling of the Southwest Sabine Tram and West Devil's Pocket Fields
I.A. Gill

Discussion of Design of Chemically Balanced Polymer Drilling Fluid Leads to a Reduction in Clay Destabilization
B. Decker

Author's Reply to Discussion of Design of Chemically Balanced Polymer Drilling Fluid Leads to a Reduction in Clay Destabilization
J. Griffin

SPE Drill Eng Vol. 1, No. 6, December 1986**13258-PA**

PDC Bit Performance for Rotary, Mud Motor, and Turbine Drilling Applications
A.D. Black, B.H. Walker, G.A. Tibbitts, and J.L. Sandstrom

14179-PA

Bit Sticking Caused by Borehole Deformation
M.E. Dunbar, T.M. Warren, and A.G. Kadaster

13002-PA

MWD: A Case Study in Applying New Technology in Norwegian Block 34/10
T.G. Teige, E. Undersrud, and M. Rees

14716-PA

An Overview of Top-Drive Drilling System Applications and Experiences
G.I. Boyadjieff

13991-PA

Review of Operational Experience Drilling Wells Through an Underwater Manifold Center
R.K. Hodgson

13025-PA

Performance of a Beryllium Copper Nonmagnetic Drill Collar Alloy
F. Dunlevey

13064-PA

Simple Frictional Analysis of Helical Buckling of Tubing
R.F. Mitchell

14243-PA

Protective Colloid Muds Provide Cost-Effective Prevention of Wellbore Enlargement in the Gulf of Mexico
P. Chaney and T.L. Sargent

SPE Drill Eng Vol. 2, No. 1, March 1987**13259-PA**

Penetration-Rate Performance of Roller-Cone Bits
T.M. Warren

14216-PA

Flow Distribution in a Roller Jet Bit Determined From Hot-Wire Anemometry Measurements
A.A. Gravignet, L.J. Bradbury, and F.P. Quetier

13113-PA

Geology Drilling Log--A Computer Database System for Drilling Simulation
E.C. Onyia

14764-PA

Predicting Bottomhole Assembly Performance
J.S. Williamson and A. Lubinski

13446-PA

Transient Dynamic Analysis of the Drillstring Under Jarring Operations by the FEM
M.S. Kalsi, J.K. Wang, and U. Chandra

14325-PA

Casing Wear: Laboratory Measurements and Field Predictions
J. P. White and R. Dawson

14246-PA

Dynamic Fluid Loss Measurement of Oil-Mud Additives
R.E. Wyant, R.L. Reed, T.R. Sifferman, and S.O. Wooten

14425-PA

An Extraordinary Drilling Challenge in the Rocky Mountain Overthrust Belt
J.D. Swanson, I.M. Brandt, and R.D. Johnston

16445-PA

Further Discussion of Application of Oil Muds
M.J. Benning

16456-PA

Author's Reply to Further Discussion of Application of Oil Muds
J. W. Bloemendal

SPE Drill Eng Vol. 2, No. 2, June 1987**14579-PA**

Design and Installation of a 20-Slot Template in the Gulf of Mexico in 760 ft of Water
P.E. Brinkmann, G.J. Barbler, and W. Rodriguez

13482-PA

Semisubmersible Drilling Tender Unit
J.E. Chitwood and A.C. McClure

14562-PA

Deepwater Diverless Technology Applied to Shallow-Water Operations in Hostile Environments
J.P. Harrington and L.M. Williams

14370-PA

Mechanical Design Considerations for Fracture-Treating Down Casing Strings
H.C. Clark

12943-PA

Propagation of Electromagnetic Waves Along a Drillstring of Finite Conductivity
P. DeGauque and R. Grudzinski

13256-PA

Three-Cone Bit Selection With Sonic Logs
K.L. Mason

13444-PA

Measurement of Drilling Properties
A.D. Gault

13162-PA

Filtration Method Characterizes Dispersive Properties of Shales
R.D. Wilcox, J.V. Fisk Jr., and G.E. Corbett

14183-PA

A Dynamic Computer Model of a Kicking Well
H. V. Nickens

Discussion of Protective Colloid Muds Provide Cost-Effective Prevention of Wellbore Enlargement in the Gulf of Mexico

J. W. Bloemendal

SPE Drill Eng Vol. 2, No. 3, September 1987**14428-PA**

Drilling the Cold Lake Horizontal Well Pilot No. 2
R. R. MacDonald

14030-PA

Deepwater Drilling and Production Articulated Column: Water Depths of 1,150 ft
F.A. Baduel and A. Figenschou

13160-PA

Temperature-Stable Polymeric Fluid-Loss Reducer Tolerant to High Electrolyte Contamination
A.J. Son, T.M. Ballard, and R.E. Loftin

12449-PA

Low-Viscosity Base Fluid for Low-Toxicity Oil-Mud Systems
P.A. Boyd, D.L. Whitfill, T.S. Caner, and J.P. Allamon

14723-PA

Laboratory Study of Lost Circulation Materials for Use in Both Oil-Based and Water-Based Drilling Muds
T. M. Nayberg

14181-PA

Multivariate Statistical Analysis of Stuck Drillpipe Situations
W.B. Hemphins, R.H. Kingsborough, W.E. Lohec, and C.J. Nini

14759-PA

Retrieving Stuck Liners, Tubing, Casing, and Drillpipe With Vibratory Resonant Techniques
O.J. Gonzalez

15462-PA

Evaluation of Directional Survey Errors at Prudhoe Bay
O. Dubrule and P.H. Nelson

13434-PA

Triaxial-Load-Capacity Diagrams Provide a New Approach to Casing and Tubing Design Analysis
R. Johnson, M.J. Jellison, and E. Klementich

14531-PA

Toughness Study of Drillpipes by Use of Instrumented Impact Tests
M. Tumuluru.

Discussion of Predicting Bottomhole Assembly Performance
H.S. Ho

Authors' Reply to Discussion of Predicting Bottomhole Assembly Performance
J. S. Williamson and A. Lubinski

17012-PA

Further Discussion of Application of Oil Muds
R.D. Grace

Discussion of Mechanical Design Considerations for Fracture-Treating Down Casing Strings
K.S. Durham

Author's Reply to Discussion of Mechanical Design Considerations for Fracture-Treating Down Casing Strings
H.C. Clark

SPE Drill Eng Vol. 2, No. 4, December 1987**15359-PA**

A Drilling Reporting and Evaluation Data System
R. Woit and R.B. Sirevaag

14774-PA

Computer Processing Improves Hydraulics Optimization With New Methods
A.A. Gavignet and C.J. Wick

14388-PA

Improved Magnetic Model for Determination of Range and Direction to a Blowout Well
D.L. Jones, G.L. Hoehn, and A.F. Kuckes

14755-PA

Use of Potassium/Lime Drilling-Fluid System in Navarin Basin Drilling
CA. Holt, J.F. Brett, J.B. Johnson, and T.O. Walker

14757-PA

Design Considerations for an Inhibitive, Stable Water-Based Mud System
B.G. Chesser

16243-PA

Settling Velocity of Various Shaped Particles in Drilling and Fracturing Fluids
J. M. Peden and Y. Luo

15463-PA

Designing Well Paths To Reduce Drag and Torque
M. C. Sheppard, C. Wick, and T. Burgess

14787-PA

Dynamic Pore Pressure Ahead of the Bit
B. Peltier and C. Atkinson

13496-PA

Delta Flow: An Accurate, Reliable System for Detecting Kicks and Loss of Circulation During Drilling
J.M. Speers and G.F. Gehrig

16052-PA

Stability of Highly Inclined Boreholes
B.S. Aadnoy and M.E. Chenevert

14761-PA

Casing Wear During Drilling: Simulation, Prediction, and Control
J. M. Schoenmakers

10754-PA

Selection of Optimal Platform Locations
S. Dogru

15448-PA

North Sea Development Drilling, South East Forties: A Case Study
J. M. Denholm

SPE Drill Eng Vol. 3, No. 1, March 1988**14424-PA**

A Model Case History of Infield Drilling and Completion in South Texas
K.L. Barnell, J.P. Jeansanne, and R.K. Mitchell

15563-PA

An Experimental and Theoretical Study of a Coupling Mechanism Between Longitudinal and Torsional Drillstring Vibrations at the Bit
T.V. Aarrestad and A. Kyllingslad

15152-PA

Williston Basin: An Analysis of Salt Drilling Techniques for Brine Based Drilling-Fluid Systems
S.M. Stash and M.E. Jones

15414-PA

An Experimental Study of Gas Solubility in Oil-Based Drilling Fluids
P.L. O'Bryan, A.T. Bourgoyne Jr., T.G. Monger, and D.P. Kopcso

16064-PA

Top-Drive Drilling System Evaluation
J.M. Cavanaugh and D.M. Adams

14769-PA

Downhole Control of Deviation With Steerable Straight-Hole Turbodrills
T.M. Gaynor

14383-PA

Downhole Solids Control: A New Theory and Field Practice
A. Hayatdavoudi

14851-PA

Hydraulic Programs for Maximum Hydraulic Horsepower and Impact Force on the Rock Surface of the Hole Bottom in Jet Drilling
S.-H. Zhang and C.-Y. Yao

14869-PA

Study of Pressure Attenuation of a Submerged, Nonfree Jet and a Method of Calculation for Bottomhole Hydraulic Parameters
Z. Shen and Q. Sun

14779-PA

Gas Invasion and Migration in Cemented Annuli: Causes and Cures
R.B. Stewart and F.C. Schouten

13694-PA

Multiple Regression Approach To Optimize Drilling Operations in the Arabian Gulf Area
E.A. Al-Betairi, M.M. Moussa, and S. Al-Otaibi

16073-PA

Ultrasonic Inspection of Rotary-Shouldered Connections
P. W. Chapman

15560-PA

A Study of Excitation Mechanisms and Resonances Inducing Bottomhole-Assembly Vibrations
A.A. Besaisow and M.L. Payne

Discussion of Laboratory Study of Diamond-Bit Hydraulic Lift and Field Application of Diamond-Bit Hydraulic-Lift Principles
H. Simison

Authors' Reply to Discussion of Laboratory Study of Diamond-Bit Hydraulic Lift and Field Application of Diamond-Bit Hydraulic Lift Principles
W.J. Winters and T.M. Warren

Discussion of Evaluation of Directional Survey Errors at Prudhoe Bay
J. Marsh

SPE Drill Eng Vol. 3, No. 2, June 1988**15614-PA**

PDC Applications in the Gulf of Mexico With Water-Based Drilling Fluids
A.D. Gault, H. Knowlton, H.E. Goodman, and A.T. Bourgoyne Jr.

15617-PA

Laboratory Drilling Performance of PDC Bits
T.M. Warren and W.K. Armagost

15105-PA

Fracture-Gradient Prediction for Offshore Wells
W.O. Constant and A.T. Bourgoyne Jr.

14785-PA

A Drilling Model for Young Offshore Louisiana and Texas Trends
D.A. Smalling and R.L. Myers II

16067-PA

Onboard System Provides Stability, Mooring, and Motion Analysis for Semisubmersible Drilling Operations
R.D. Foreman, P.A. Beyner, S.N. Singhal, and L.N. Seidl

15466-PA

Static and Dynamic Three-Dimensional Bottomhole Assembly Computer Models
M. Birades

15285-PA

A Microcomputer Program for Prediction of Bottomhole Assembly Trajectory
M. Birades and R. Fenoul

16173-PA

Interactive Computer Graphics System Improves Planning of Directionally Drilled Wells in the East Wilmington Field
TS. Lutz, and D.W. Kendle

14768-PA

Predicting the Build/Drop Tendency of Rotary Drilling Assemblies
P.N. Jogi, T.M. Burgess, and J.P. Bowling

13433-PA

Design, Testing, and Planning Considerations for a 20 in. Record Casing String
R.D. Pejac and E.P. Fontenor

14703-PA

Additive Effectiveness and Contaminant Influence on Fluid-Loss Control in Water-Based Muds
T. Nyland, J.J. Azar, T.E. Becker, and J.L. Lummus

14857-PA

Increased ROP of Jet Drilling From Improvement of the Bottomhole Flow Field
R. Liao

14729-PA

Analysis of Helical Buckling
Y. W. Kwon

SPE Drill Eng Vol. 3, No. 3, September 1988**16168-PA**

Planning and Operational Requirements for a Shallow-Objective, High-Angle Well in the Gulf of Mexico
D.S. Christian

16114-PA

Evaluating Drilling Practice in Deviated Wells With Torque and Weight Data
M. Leasage, I.G. Falconer, C.J. Wick

16088-PA

Operational Aspects of Extended High-Pressure Well Tests From a Floater
E.W. Roberts

16526-PA

Modeling of the Stability of Highly Inclined Boreholes in Anisotropic Rock Formations
B.S. Aadnoy

15565-PA

Rubber Drillpipe Protectors Reduce Rotary Torque
K. T. Corbett and R. Dawson

16928-PA

A Laboratory Investigation of Cementing Horizontal Wells
M.A. Wilson and F.L. Sabins

15896-PA

Advanced Techniques Improve Liner Cementation in North Sea Wells: An Operator's Experience
R. Buchan and M.T.S. Little

16103-PA

Surface-Casing Strain Capacity for North Slope Operations
A.J. Hirshberg, M.C. Moyer, and R.M. Rickenbach

12120-PA

Methods for Field Monitoring of Oil-Based Drilling Fluids for Hydrogen Sulfide and Water Intrusions
R.L. Garrett, L.A. Carlton, and M.O. Denekas

15470-PA

New Concepts for Helical Buckling
R.F. Mitchell

16281-PA

A New Chrome-Free Lignosulfonate Thinner: Performance Without Environmental Concerns
L.S. Park

16098-PA

Modern Solids Control: A Centrifuge Dewatering-Process Study
A.K. Wojtanowicz

16156-PA

Dynamic Surge/Swab Pressure Predictions
R.F. Mitchell

Discussion of Evaluation of Directional Survey Errors at Prudhoe Bay
IL Thorogood

Authors' Reply to Discussion of Evaluation of Directional Survey Errors at Prudhoe Bay
O. Dubrule and P.H. Nelson

Authors' Reply to Discussion of Evaluation of Directional Survey Errors at Prudhoe Bay
O. Dubrule and P.H. Nelson

SPE Drill Eng Vol. 3, No. 4, December 1988**16154-PA**

An Overview of Free-Point Tools
V. C. Weido

15559-PA

An Experimental Investigation of Fatigue-Crack Growth in Drillstring Tubulars
B.A. Dale

16107-PA

The Importance of Correct Running and Handling Procedures for Premium Tubular Goods
D.E. Walstad and D.W. Crawford

16659-PA

A Study of Slip/Stick Motion of the Bit
A. Kyllingstad and G.W. Halsey

16649-PA

On-Site Diagnosis of Cement Job Problems: The Concept of Job Signatures
R.M. Beirute

16617-PA

Improving Wellhead Performance With Programmed Cement Shortfall
J.S. Britton and G. Henderson

14389-PA

Solids-Conveyance Dynamics and Shaker Performance
M. Lal and L.L. Hoherock

15413-PA

Analysis of Mudcake Structures Formed Under Simulated Borehole Conditions
A. Hartmann, M. Ozerler, C. Marx, and H.-J. Neumann

16297-PA

Optimization of Offshore Field Development To Minimize Investment
T. T. Grimmer and R.A. Startzman

14849-PA

A Preliminary Investigation on the Objective Function of Penetration Cost Applied to Optimized Drilling
X.Z. Guo

Discussion of Stability of Highly Inclined Boreholes
H. Simison

Authors' Reply to Discussion of Stability of Highly Inclined Boreholes
B.S. Aadnoy and M. E. Chenevert

Discussion of Optimal Spacing for Casing Centralizers
H.E. Juvkam-Wold and R.L. Baxter

SPE Drill Eng Vol. 4, No. 1, March 1989

14987-PA

The Bighorn No. 1-5: A 25,000-ft Precambrian Test in Central Wyoming
J.C. Collins and J.R. Graves

15895-PA

Beckingham 36 Horizontal Well
P. Hardman

17202-PA

Downhole Simulation Cell Shows Unexpected Effects of Shale Hydration on Borehole Wall
J.P. Simpson, H.L. Dearing, and D.P. Salisbury

14993-PA

Drilling With a One-Step Solids-Control Technique
A. Hayatdavoudi

16685-PA

A New Calcium-Tolerant Polymer Helps To Improve Drilling-Mud Performance and To Reduce Costs
K.H.W. Ujma and J.P. Plank

17203-PA

New Laboratory Tests Evaluate the Effectiveness of Gilsonite Resin as a Borehole Stabilizer
N. Davis II and C.E. Tooman

15513-PA

Stability of Boreholes Drilled Through Salt Formations Displaying Plastic Behavior
E.F. Infante and M.E. Cheneven

16108-PA

Improved Interpretation of Casing Logs for Casing Failure
G.R. Wooley and M. Hatcher

16589-PA

Gullfaks A Subsea Well System: Developments Completion, and Production Startup
M. Grinrod, O. Inderberg, and T.W. Knudsen

Discussion of Planning and Operational Requirements for a Shallow-Objective, High-Angle Well in the Gulf of Mexico
L.H. Flak

SPE Drill Eng Vol. 4, No. 2, June 1989

16695-PA

Method for Fracture-Gradient Prediction for Vertical and Inclined Boreholes
B.S. Aadnoy and K. Larsen

16678-PA

Directional Acoustic Surveying Instrument
D.M. Trehorne, P.G. Harper, and D. Su

16172-PA

Prediction of Wellbore Trajectory Considering Bottomhole Assembly and Drill-Bit Dynamics
J.D. Brakel and J.J. Azar

15618-PA

Drag-Bit Performance Modeling
T.M. Warren and A. Sinor

16699-PA

Drag Bit Wear Model
A. Sinor and T.M. Warren

17268-PA

Temperature Distribution in Synthetic Diamond Cutters During Orthogonal Rock Cutting
V. Prakash and F.C. Appl

14218-PA

Dynamics of Rock-Chip Removal by Turbulent Jetting
M.R. Wells

17244-PA

Polymer/Bentonite/Soil Admixtures as Hydraulic Barriers
W.A. Liao

17245-PA

Statistical Assessment and Sampling of Drilling-Fluid Reserve
A.K. Wojtanowicz, S.D. Field, Z. Krilov, and F.L. Spencer

16543-PA

Concentration Measurements Above an Underwater Release of Natural Gas
M. Lees and T.K. Fannelop

13972-PA

Diverless Installation of the Skuld Modular Subsea Station
M. Freudenreich

Discussion of Modeling of the Stability of Highly Inclined Boreholes in Anisotropic Rock Formations S.A.B. da Fontoura and H.M.R. des Santos

Author's Reply to Discussion of Modeling of the Stability of Highly Inclined Boreholes in Anisotropic Rock Formations B.S. Aadnoy

Discussion of Downhole Simulation Cell Shows Unexpected Effects of Shale Hydration on Borehole Wall R.D. Wilcox and J. V. Fisk

Authors' Reply to Discussion of Downhole Simulation Cell Shows Unexpected Effects of Shale Hydration on Borehole Wall J.P. Simpson, H.L. Dearing, and D.P. Salisbury

SPE Drill Eng Vol. 4, No. 3, September 1989**17184-PA**

Diamond-Bit Hydraulics Model
T.M. Warren and S.M. Behr

17207-PA

Inspection Interval Guidelines To Reduce Drillstring Failures
B.A. Dale

16664-PA

Uses and Limitations of Drillstring Tension and Torque Models for Monitoring Hole Conditions
J.F. Brett, A.D. Beckett, CA. Holt, and D.L. Smith

17660-PA

Successful Application of Drilling Technology Extends Directional Drilling Capability
D.R. Schroeter and H.W. Chan

16159-PA

Methods for Handling Drilled Gas in Oil-Based Drilling Fluids
P.L. O'Bryan and A.T. Bourgoyne Jr.

14804-PA

The Ultrashort-Radius Radial System
W. Dickinson, R.R. Anderson, and R.W. Dickinson

16135-PA

Simplified Slurry Design Increases Wellsite Success
W.H. Grant, E.L. Dodd, and C.A. Gardnu

16054-PA

Shale/Mud Inhibition Defined With Rig-Site Methods
M.E. Chenevert and S.O. Osisanya

17002-PA

Flow of a Power-Law Fluid in an Eccentric Annulus
D. Uner, I. Tosum, and C. Ozgen

SPE Drill Eng Vol. 4, No. 4, December 1989**16141-PA**

Wellsite Information Transfer Specification (WITS) for Digital Rig-Site Data
R.E. Jantzen, R.D. Foreman, L. Keltner, and R.S. McCoy

17161-PA

Solids-Free Brine-in-Oil Emulsions for Well Completion
A.M. Ezzat and S.R. Blattel

17529-PA

The Optimization of Slant-Well Drilling in the Lindbergh Field
H.J. Vrielink and A.M. Hippman

16166-PA

Modifications To and Experience With Air-Percussion Drilling
C.A. Pratt

17659-PA

Use of a New Four-Component Drilling System in the Attaka Field
N. Sawolo

16162-PA

Comparison of Field and Laboratory-Simulated Drill-Off Tests
J.C. Bourdon, G.A. Cooper, D.A. Curry, D. McCann, and B. Peltler

17916-PA

Evaluation of Jet-Bit Pressure Losses
T.M. Warren

17200-PA

Physical Properties of Drilling Fluids at High Temperatures and Pressures
J.V. Fisk and D.E. Jamison

16124-PA

BOP Shear Rams for Hydrogen Sulfide Service
J.R. Canal

SPE Drill Eng Vol. 5, No. 1, March 1990**17240-PA**

Innovative Devices for Testing Drilling Muds
Mario Zamora, Damon T. Lai, and Andrew K. Dzialowski

18034-PA

New Gypsum/Polymer Mud System Eliminates Gumbo Problems on Tommeliten Field Production Wells
Egil Sunde

16688-PA

Mutual Solubility of Salts in Drilling and Completion Fluids
Nantelle P. Kemp

17508-PA

Borehole Instability in the Western Canadian Overthrust Belt
D.C. Woodland

17255-PA

Improved Detectability of Blowing Wells
John I. de Lange and Toby J. Darling

17222-PA

Case History of an Ultradeep Disposal Well in Western Colorado
Larry H. Flak and John J. Brown

16365-PA

Platform-Well Tieback Procedures at Island Esther
Elizabeth M. Jackson

16074-PA

A Practical Evaluation of Nondestructive Tubular Inspection Units: Methods and Results
Bruce W. Reynolds and L. Owen Gill Jr,

17205-PA

Field Correlation Between Internal Taper Length and Tube Failures in 4.5-in., 16.60E, IEU Drillpipe
Richard P. Gensmer

16618-PA

Equations for Leak Resistance of API 8-Round Connectors in Tension
Brian E. Schwind

17208-PA

Influence of Compound Grease on the Performance of Premium Connections
Eiji Tsuru, Kazushi Maruyama, Youichi Yazaki, and Ekwere J. Peters

18019-PA

A Shallow-Gas-Kick Simulator Including Diverter Performance
Michael P. Starrett, A. Dan Hill, and Kamy Sepehmoori

16155-PA

A Practical Approach to Jarring Analysis
Jaw-Kuang Wang, Manmohan S. Kalsi, Rene A. Chapelle, and Thomas R. Beasley

Discussion of Methods for Field Monitoring of Oil-Based Drilling Fluids for Hydrogen Sulfide and Water Intrusions
Max R. Annis

Author's Reply to Discussion of Methods for Field Monitoring of Oil Based Drilling Fluids for Hydrogen Sulfide and Water Intrusions
Robert L. Garrett

Discussion of Flow of a Power-Law Fluid in an Eccentric Annulus
Mustafa Hacıislamoglu and Julius Langlinais

SPE Drill Eng Vol. 5, No. 2, June 1990**18638-PA**

Inhibition of Gas Hydrates in Deepwater Drilling
Arthur H. Hale and Ashok K.R. Dewan

17862-PA

Concrete Hulls for Tension-Leg Platforms
Joao G. De Oliveira and Svein Fjeld

17899-PA

Design of Concentric Tubular Members
Gary R. Imm and Bernhard Stahl

16076-PA

Drillstring Fatigue Performance
Wen-Ching Chen

18050-PA

Corrosion and Stress-Corrosion Cracking of Aluminum Alloy Drillpipe in a Water-Based, Low-Solids, Nondispersed Drilling Mud
Stephen W. Ciaraldi, David R. Grimes, Henry F. Nichols, and Steven O. Moore

18036-PA

A Model for Predicting the Density of Oil-Base Muds at High Pressures and Temperatures
Ekwere J. Peters, Martin E. Chenevert, and Chunhal Zhang

16676-PA

Swelling of Oil-Based Drilling Fluids Resulting From Dissolved Gas
Patrick L. O'Bryan and Adam T. Bourgoyne Jr.

18776-PA

An Experimental Study of Casing Performance Under Thermal Cycling Conditions
Kazushi Maruyama, Eiji Tsuru, Masao Ogasawara, Yasusuke Inoue, and Ekwere J. Peters

17565-PA

Forecasting the Life of Rock-Bit Journal Bearings
Joseph L. Kelly Jr.

17583-PA

The Effects of Abrasives on Electrical Submersible Pumps
Brown L. Wilson

SPE Drill Eng Vol. 5, No. 3, September 1990**19994-PA**

A Procedure To Shut Off High-Pressure Water Flows During Primary Cementing
Richard K. Mitchell and Gregory S. Salvo

19864-PA

Field Study of Offshore Cement-Spacer Mixing
Glen Bengé

19865-PA

Cement Channeling: How To Predict and Prevent
Christopher F. Lockyear, Daniel F. Ryan, and Marcus M. Gunningham

19030-PA

Surveying Techniques With a Solid-State Magnetic Multishot Device
John L. Thorogood and David R. Knott

17254-PA

Study of the Potential for an Off-Bottom Dynamic Kill of a Gas Well Having an Underground Blowout
John D. Gillespie, Richard F. Morgan, and Thomas K. Perkins

18630-PA

Performance Comparison of Rolling-Cutter Bits With Alternative Nozzle Designs
Stuart R. Moffitt and David Y. McGehee

18994-PA

Hydraulic Fracturing Slurry Transport in Horizontal Pipes
Subhash N. Shah and David L. Lord

18697-PA

New Makeup Method for API Connections
James B. Day, Marck C. Moyer, and Alan J. Hirshberg

18040-PA

Downhole Pneumatic Turbine Motor: Testing and Simulation Results
William C. Lyons, Stefan Z. Miska, and Philip W. Johnson

18558-PA

Laboratory Study of Borehole Friction Factor With a Dynamic-Filtration Apparatus
Eric E. Maidla and Andrew K. Wojtanowicz

SPE Drill Eng Vol. 5, No. 4, December 1990**19572-PA**

Development of a Whirl-Resistant Bit
Thomas M. Warren, J. Ford Brett, and L. Allen Sinor

19571-PA

Bit Whirl—A New Theory of PDC Bit Failure
J. Ford Brett, Thomas M. Warren, and Suzanne M. Behr

18652-PA

Case Studies of the Bending Vibration and Whirling Motion of Drill Collars
J. Kim Vandiver, James W. Nicholson, and Rong-Juin Shyu

17594-PA

Planning Directional Wells Through a High-Density Cluster of Existing Wells
Zihua Wang and Tom A. Inglis

18051-PA

Instrument Performance Models and Their Application to Directional Surveying Operations
John L. Thorogood

19556-PA

Application of Probabilistic Reliability Methods to Tubular Designs
Mike L. Payne and John D. Swanson

20099-PA

Converting Wells in a Mature West Texas Field for CO₂ Injection
M.T. Power, M.E. Leicht, and K.L. Barnett

19536-PA

Wellbore Stress Distribution Produced by Moisture Adsorption
Ching H. Yew, Martin E. Chenevert, Cheill L. Wang, and Samuel Osisanya

19152-PA

North Sea Experience With Aluminum Drillpipe
Brian A. Tarr and Iain A. Graham

18704-PA

Improvement of Drill-Collar Fatigue Property by Last-Engaged -Thread Height Reduction of Pin
Yasushi Tsukano, Shunji Nishi, Shin-Ichi Nishida, and Masakatsu Ueno

18619-PA

Field Limitations of Liquid-Additive Cementing Systems
W. Hal Grant Jr., John M. Rutledge, and Roger H. Christy

SPE Drill Eng Vol. 6, No. 1, March 1991**19542-PA**

Analysis of Cementing Turbulators
M.R. Wells and R.C. Smith

19535-PA

Correlations of Mud Rheological Properties With Cuttings--Transport Performance in Directional Drilling
T.E. Becker, J.J. Azar, and S.S. Okrajni

19240-PA

Assessment of the Mechanical Stability of High-Angle Wells, in Block 22/11, Nelson Field Discovery
K.A. Kwakwa, A.S. Batchelor, and R.C. Clark

19989-PA

The Traveling-Cylinder Diagram: A Practical Tool for Collision Avoidance
J.L. Thorogood and S.J. Sawaryn

16654-PA

Chemical Shrinkage Properties of Oilfield Cements
M.E. Chenevert and B.K. Shrestha

19947-PA

Case History: Ice Island Drilling Application and Well Considerations in Alaskan Beaufort Sea
V.W. Angell, H.J. Graham, and G.J. Post

20815-PA

Recent Advances in the API Quality Program
F.R. Gollhofer

19334-PA

An Experimental Study of the Annulus Pressure Drop in a Simulated Air-Drilling Operation
S.B. Supon and M.A. Adewumi

19573-PA

A Decade of Drilling Innovation and Progress in the Paris Basin
D.B. Canter and J.-M. Simon

19954-PA

Method To Quantify Viscosity Effects on Dispersion Test Improves Testing of Drilling-Fluid Polymers
A.H. Hale

19533-PA

Application of a Lime-Based Drilling Fluid in a High-Temperature/High-Pressure Environment
J.M. Eisen, A.M. Mixon III, M.D. Broussard, and D.R. LaHue

20391-PA

OILMUD: A Microcomputer Program for Predicting Oil-Based Mud Densities and Static Pressures
E.J. Peters, M.E. Chenevert, and A.M. Alhamadah

SPE Drill Eng Vol. 6, No. 2, June 1991**20451-PA**

Interrelationship Between Critical Cement Properties and Volume Changes During Cement Setting
F.L. Sabins and D.L. Sutton

19939-PA

Temperature Data for Optimizing Cementing Operations
S.E. Tilghman, D.G. Bengel, and C.R. George

19944-PA

Effects of Strain Rate and Confining Pressure on the Deformation and Failure of Shale
J.M. Cook, M.C. Sheppard, and O.H. Houwen

19921-PA

Application of Bicenter Bits in Well-Deepening Operations
Kent Myhre

21105-PA

Well-Control Operations in Horizontal Wells
O.L.A. Santos

17221-PA

The EMSU Waterflood Project: A Case History of Infill Drilling, Completions, and Workovers
R.K. Mitchell and G.S. Salvo

19236-PA

A Philosophy for the Integrity Assessment of Jackup Units
S.F. Leijten and Michael Efthymiou

20843-PA

Offshore Platform Reliability Acceptance Criteria
R.G. Bea

20818-PA

Extended-Reach Drilling From Platform Irene
M.D. Mueller, J.M. Quintana, and M.J. Bunyak

21559-PA

Multiphase Hydrodynamic Model Predicts Important Phenomena in Air-Drilling Hydraulics
Shifeng Tian and M.A. Adewumi

19962-PA

A New Automated Tool-Joint Inspection System To Reduce Drillstring Failures
Bruce McPherson, Paul Dutton, B.A. Dale, and T.S. Chilton

SPE Drill Eng Vol. 6, No. 3, September 1991

20408-PA

Borehole-Stability Analysis for the Design of the First Horizontal Well Drilled in the U.K. Southern V Fields
G.F. Fuh, E.G. Dew, CA. Ramsey, and Keith Collins

20821-PA

Design and Installation of a Subsea Multiwell Drilling Template at Garden Banks Block 189
R.J. Domangue

19336-PA

Explicit Pore-Pressure Evaluation: Concept and Application
Jean-Luis Alixant and Robert Desbrandes

19130-PA

Field Verification of Drilling Models and Computerized Selection of Drill Bit, WOB, and Drillstring Rotation
E.E. Maidla. and Shiniti Ohara

20438-PA

The Use of Filtration Theory in Developing a Mechanism for Filter-Cake Deposition by Drilling Fluids in Laminar Flow
J. V. Fisk, S.S. Shaffer, and Samy Helmy

19534-PA

Visualization of Fluid-Loss Polymers in Drilling-Mud Filter Cakes
J.P. Plank and F.A. Gossen

19960-PA

Development of Lightweight Steel Drillpipe With a 165-ksi Yield Strength
Yasushi Tsukano and Masakatsu Veno

20814-PA

Activities of the API Committee on Standardization of Tubular Goods
L.E. Bartlett, G.B. Kohut, D.S. Dabkowski, and Randy McGill

19562-PA

New System Provides Continuous Quantitative Analysis of Gas Concentration in the Mud During Drilling
G.L. Roberts, V.C. Kelessidis, and J.M. Williams

19949-PA

Slim-Hole Drilling in Harsh Environments
J.D. Fultz, F.J. Pirrard, F.D. Sawyer, and W.R. Farmer

Discussion or Application of a Lime-Based Drilling Fluid in a High-Temperature/High-Pressure Environment
C. W. de Boisblanc

Author's Reply to Discussion or Application of a Lime-Based Drilling Fluid in a High-Temperature/High-Pressure Environment
J.M. Elsen

Discussion of Chemical Shrinkage Properties of Oilfield Cements
John Bensted

SPE Drill Eng Vol. 6, No. 4, December 1991

20900-PA

High-Pressure Well Design
Harrie Krus and Jean-Marie Prieur

19991-PA

Understanding Kick Tolerance and Its Significance in Drilling Planning and Execution
K.P. Redmann Jr.

22217-PA

Underground Flow Well Control: The Key to Drilling Low-Kick-Tolerance Wells Safely and Economically
Michael Wessel and Brian A. Tarr

20431-PA

Gas-Rise Velocities During Kicks
A.B. Johnson and D.B. White

20443-PA

Real-Time Pore-Pressure Evaluation From MWD/LWD Measurements and Drilling-Derived Formation Strength
J.C. Rasmus and D.M.R. Gray-Stephens

19973-PA

Gas-Influx Detection With MWD Technology
T.M. Bryant, D.S. Grosso, and S.N. Wallace

20430-PA

Mud/Gas Separator Sizing and Evaluation
G.R. MacDougall

20909-PA

Internal Blowouts, Cratering, Casing Setting Depths, and the Location of Subsurface Safety Valves
J. V. Walters

17083-PA

Subsea Blowout-Preventer Systems: Reliability and Testing
Per Holand

23941-PA

Application of Risk Analysis Methods to Subsurface Well Collisions
J.L. Thorogood, T.W. Hogg, and B.S. Williamson

SPE Drill Eng Vol. 7, No. 1, March 1992**21902-PA**

Incentive Drilling Contracts: A Logical Approach for Enhancement of Drilling Efficiency
C.A. Moomjian Jr.

21937-PA

An Environmentally Safe Water-Based Alternative to Oil Muds
D.P. Enright, W.M. Dye, and F.M. Smith

19955-PA

Field Application of the All-Oil Drilling-Fluid Concept
L.J. Fraser

19911-PA

Field Performance of Hydrodynamically Lubricated Bearing Seal for Rock Bits
J.W. Langford and M.S. Kalsi

19560-PA

Oil-Based Drilling Mud as a Gas-Hydrates Inhibitor
R.B. Grigg and G.L. Lynes

21938-PA

Cumulative Bioluminescence--A Potential Rapid Test of Drilling Fluid Toxicity: Development Study
A.K. Wojtanowicz, B.S. Shane, P.N. Greenlaw, and A.V. Stiffey

20418-PA

Horizontal Core Acquisition and Orientation for Formation Evaluation
R.A. Skopec, M.M. Mann, Doug Jeffers, and S.P. Grier

18653-PA

Case History of Drillstem Failures Offshore West Africa
R.G. Sweet

17927-PA

Resistance of Cemented Concentric Casing Strings Under Nonuniform Loading
A.A.H. El-Sayed and F. Khalaf

19324-PA

Combating Gas Migration in the Michigan Basin
D.L. Bour and J. G. Wilkinson

SPE Drill Eng Vol. 7, No. 2, June 1992

22545-PA

Drilling the First Horizontal Well in the Gulf of Mexico: A Case History of East Cameron Block 278 Well B-12
E.K. Fisher and M.R. French

20446-PA

Use of New Ranging Tool To Position a Vertical Well Adjacent to a Horizontal Well
B.A. Tarr, A.F. Kuckes, and M. V. Ac

20931-PA

Improving Quality Control of Directional Survey Data With Continuous Inertial Navigation
Mark A. Stephenson and Harry Wilson

20930-PA

Whirl and Chaotic Motion of Stabilized Drill Collars
J.D. Jansen

20422-PA

Hole Cleaning in Full-Scale Inclined Wellbores
T.R. Sifferman and T.E. Becker

22550-PA

Evaluation of Spotting Fluids in a Full-Scale Differential Pressure Sticking Apparatus
R.K. Clark and S.G. Almquist

20437-PA

Inhibition of Gas Hydrates in Water-Based Drilling Muds
T.S. Kotkoskie, Basil Al-Ubaidi, T.R. Wildeman, and E.D. Sloan Jr.

22582-PA

What Price Quality: The Implementation of the API Quality Program for Drilling Fluid Materials
Neal Davis II, A.C. Perricone, M.F. Warnack, C.K. Grantham, and A.H. Hale

20902-PA

Advanced Casing Design Against Stress Corrosion Cracking of Grade P-110 Casing in Lignosulfonate Mud
Shoichi Ikeda

20058-PA

Subsidence-Induced Well Failure
M.S. Bruno

SPE Drill Eng Vol. 7, No. 3, September 1992

21929-PA

Optimization of Rock-Bit Life Based on Bearing Failure Criteria
M.J. Fear, J.L. Thorogood, O.P. Whelehan, and H.S. Williamson

21943-PA

The Genesis of Bit-Induced Torsional Drillstring Vibrations
J. Ford Brett

21956-PA

Experiences in Automating in Pipe-Handling Functions
G.I. Boyadjieff and M.A. Merit

18024-PA

Quantitative Determination of the Mechanical Properties of Shales
Ronald P. Steiger and Peter K. Leung

20885-PA

Cooperative Research--A Route To Reduce the Environmental Impact of Drilling Fluids
D.J. Oakley, Andrew Morrison, Ian Burdis, and K.G. Jones

19531-PA

Field Application of PHPA Muds
A.G. Kadaster, G.J. Guild, G.L. Hanni, and D.D. Schmidt

18027-PA

Attenuation of Casing Cemented With Conventional and Expanding Cements Across Heavy-Oil and Sandstone Formations
R.M. Beirute, M.A. Wilson, and F.L. Sabins

21777-PA

Successful Cementing of Shallow Steamflood wells in California
K.J. Goodwin, D.G. Calven, R.L. Root, and V.S. Henderson

22283-PA

The Use of Low-Density Particles for Gravel Packing a Highly Deviated Well
David Bryant, T.E. Hudson, and S. W. Hoover

20905-PA

Completion and Testing of the 242C BHST Well Dinjevac-1
Pavle Uroda, Luka Rogoz, Zeljko Sinovcevic, and Darko Kovac

SPE Drill Eng Vol. 7, No. 4, December 1992**23077-PA**

New Water-Based Muds for Tertiary Shale Control
P.I. Reid and R.C. Minton

23426-PA

Development of Hydrodynamic-Model-Based Air-Drilling Design Procedures
Shifeng Tian and M.A. Adewumi

21966-PA

Computer Simulation of the Reverse Circulation Well Control Procedure for Gas Kicks
Stefan Miska, F.E. Beck, and B.S. Murugappan

22002-PA

A Unified Approach to Drillstem-Failure Prevention
T.H. Hill, P.V. Seshadri, and K.S. Durham

21908-PA

Joint Industry Qualification Test Program for High-Clearance Casing Connections
M.L. Payne, W.T. Asbill, H.L. Davis, and P.D. Pattillo

21282-PA

Casing Deflection and Centralizer Spacing Calculations
H.C. Juvkam-Wold and Jiang Wu

21008-PA

Field Experience With an SRB Rapid Detection Test Kit
G. L. Horacek

20462-PA

Sources of Mercury and Cadmium in Offshore Drilling Discharges
J.E. Candler, A.J.J. Leuterman, S-Y.L. Wong, and M.P. Stephens

20425-PA

Foamed Cement for Squeeze Cementing Low-Pressure, Highly Permeable Reservoirs: Design and Evaluation
Walt Chmilowski and L.B. Kondratoff

20453-PA

Cement Sheath Stress Failure
K.J. Goodwin and R.J. Crook

SPE Drill & Compl Vol. 8, No. 1, March 1993

23120-PA

Successful High-Temperature/High-Pressure Well Testing From a Semisubmersible Drilling Rig
A.R. Davidson, Gavin Prise, and Clive French

21985-PA

Case History of an Opposed-Bore, Dual Horizontal Well in the Austin Chalk Formation of South Texas
M.F. Cooney, C.T. Rogers, E.S. Stacey, and R.N. Stephens

20416-PA

Field Testing of Low-Friction-Gauge PDC Bits
L.A. Sinor, J.F. Bren, T.M. Warren, and S.M. Behr

21918-PA

Permeability and Effective Pore Pressure of Shales
M.E. Chenevert and A.K. Sharma

18162-PA

Wettability Alteration Caused by Oil-Based Muds and Mud Components
J-N. Yan, J.L. Monezes, and Mukul M. Sharma

20461-PA

Closed-Loop Operation With Alternative Dewatering Technology
W.S. Halliday, R.P. Bray, and J.W. Youens

20926-PA

Improving the Reliability of Cement-Setting-Time Tests by Taking Into Account the Influence of Shear
R.P.A.R. van Kleef and J.P.M. van Vliet

20904-PA

Characterization of the Evolution of Cementing Materials After Aging Under Severe Bottomhole Conditions
Didier Degouy and Madeleine Martin

21116-PA

Independent Load Support in an 18 3/4-in., 15,000-psi Subsea Wellhead
W.S. Cowan

21737-PA

Leak Before Break of CRA Tubing in Sour Environments
W-C. Chen, W.J. Sisak, and C.W. Petersen

SPE Drill & Compl Vol. 8, No. 2, June 1993

23039-PA

Continuous Improvement in Drilling Performance: A Challenge for the Industry
Robert Buchan

14329-PA

Dynamic Stability of Drillstrings Under Fluctuating Weight on Bit
V.A. Dunayevsky, Fereldoun Abbassian, and Arnis Judzis

23889-PA

Drillstring Imaging: An Interpretation of Surface Drilling Vibrations
A.K. Booer and R.J. Meehan

21930-PA

Practical Evaluation of Rock-Bit Wear During Drilling
Huben Fay

23532-PA

The Degradation of Titanium Drill Pipe From Corrosion and Wear in a Drilling Environment
T.E. Ferg, B.D. Craig, and C.S. Aldrich

19968-PA

Distinct Applications of MWD, Weight on Bit, and Torque
J.P. Belaskie, M.D. Dunn, and O.K. Choo

20879-PA

Nonlinear Simulation of Jackup Platform Models
Ping Liu, W.W. Massie, J.G. Woltrrs, and Johan Blaauwendrami

21998-PA

Operational Decision Making for Stuck-Pipe Incidents in the Gulf of Mexico: A Risk Economics Approach
R.M. Shivers III and R.J. Domangue

20932-PA

A Coupled Analysis Approach to the Assessment of Marine Drilling Systems
G.W. King, Kevin Durton, Trevor Hodgson, and W.S. Atkins

21978-PA

Installation of STAR Satellite Platform
Preben Sogaard and Peter Lytzen

Discussion of A Unified Approach to Drillstem Failure Prevention
Barry Vinson

Author's Reply to Discussion of a Unified Approach to Drillstem Failure Prevention
T. H. Hill

SPE Drill & Compl Vol. 8, No. 3, September 1993**20000-PA**

Chemical Characterization of CMC and Its Relationship to Drilling-Mud Rheology and Fluid Loss
T.L. Hughes, T.G.J. Jones, and O.H. Houwen

24759-PA

Dynamic Filtration of Invert-Emulsion Muds
Di Jiao and M.M. Sharma

23844-PA

Testing Thread Compounds for Rotary-Shouldered Connections
E.I. Bailey and J.E. Smith

21107-PA

Free-Fall-Effect Calculation Ensures Better Cement-Operation Design
A.C.V.M. Lage, Ademar Poggio Jr., and Wellington Campos

21155-PA

Class G Cement in Brazil--A Statistical Approach
F.C. Rosa, Osmond Coelho Jr., and F.J. Parente

21412-PA

PDC Bit Performance Under Simulated Borehole Conditions
E.E. Andersen and J.J. Azar

22559-PA

Advancements in Dynamic Kill Calculations for Blowout Wells
G.E. Kouba, G.R. MacDougall, and B.W. Schumacher

23870-PA

Prevention of Bit Balling in Shales: Preliminary Results
Sanjit Roy and G.A. Cooper

19553-PA

Measurements and Theoretical Models on Rig Suspension and the Effect on Drillstring Vibrations
T.V. Aarrestad and A. Kyllingstad

23885-PA

The Influence of Chemical Potential on Wellbore Stability
A.H. Hale, F.K. Mody, and D.P. Salisbury

SPE Drill & Compl Vol. 8, No. 4, December 1993

24594-PA

Coiled-Tubing Drilling

Larry J. Leising and Kenneth R. Newman

25124-PA

Shallow Horizontal Drilling in Unconsolidated Sands Offshore California

J.D. Payne, C.W. Huston, and M.J. Bunyak

23859-PA

The Evolution of Slant Drilling in Canada: Improvements in Drilling Performance and Rig Design

J.D. Rushford

21933-PA

Eggbeater PDC Drillbit Design Eliminates Balling in Water-Based Drilling Fluids

D.H. Zijsling and Roland Illerhaus

21928-PA

3D PDC Bit Model Predicts Higher Cutter Loads

S.M. Behr, T.M. Warren, L.A. Sinor, and J.F. Brett

23859-PA

The Determination of True Hook-and-Line Tension Under Dynamic Conditions

G.R. Luke and H.C. Juvkam-Wold

19934-PA

Factors Contributing to Cement Sheath Deposition in Casing Under Highly Deviated Well Conditions

F.L. Sabins, R.C. Smith, M.D. Broussard, K.J. Talbot, and S.R. Olausen

20633-PA

Critical and Subcritical Flow of Multiphase Mixtures Through Chokes

T.K. Perkins

20441-PA

A Practical Approach to Drilling-Fluid Surveillance and Management

M.A. McLane and G.H. Medley Jr.

23373-PA

Offshore Disposal of Oil-Based Drilling-Fluid Waste: An Environmentally Acceptable Solution

Ed Malachosky, B.E. Shannon, J.E. Jackson, and W.G. Aubert

SPE Drill & Compl Vol. 9, No. 1, March 1994

21973-PA

Field Studies of Circulating Temperatures Under Cementing Conditions

S.N. Davies, M.M. Gunningham, S.H. Bittleston, Frederic Guillot, and B.W. Swanson

24085-PA

Determination of Static Reservoir Temperature From Transient Data Following Mud Circulation

A.R. Hasan and C.S. Kabir

22581-PA

Experimental Data Analysis of Lost-Circulation Problems During Drilling With Oil-Based Mud

E.C. Onyia

21917-PA

A Practical Approach for Preventing Lost Circulation in Severely Depleted Unconsolidated Sandstone Reservoirs

Aziz Ali, C.L. Kalloua, and U.B. Singh

20435-PA

Electrical Stability, Emulsion Stability, and Wettability of Invert Oil-Based Muds

F.B. Growcock, C.F. Ellis, and D.D. Schmidt

23040-PA

The Rock-Mechanical Aspects of Drilling a North Sea Horizontal Well

S.W. Wong, C.A.M. Veeken, and C.J. Kenter

23841-PA

What Difference Does MIU Make in the Fatigue Life of Drillpipe?
G.E. Wilson and J.S. Shepard

21101-PA

Imaging the Effects of Capillary Heterogeneities on Local Saturation Development in Long Corefloods
Arne Graue

21519-PA

Investigation of Stress-Induced Borehole Enlargement Mechanisms by a Liquid-Metal Saturation Technique
R.T. Ewy, L.R. Myer, and N.G.W. Cook

Discussion of Continuous Improvement in Drilling Performance: A Challenge for the Industry
Michael Lanzer

Author's Reply to Discussion of Continuous Improvement in Drilling Performance: A Challenge for the Industry
Robert Buchan

SPE Drill & Compl Vol. 9, No. 2, June 1994**22122-PA**

Large-Diameter Glory Hole Drilling: The Evolution From 12- to 20-ft Diameter
R.G. Shields

24975-PA

Borehole Stability in Shales
G.M. Bol, S-W Wong, C.J. Davidson, and D.C. Woodland

24224-PA

Fatigue Testing of Drillpipe
C.Y. Grondin and C.L. Kulak

24613-PA

Ovality and Stresses of API Tubulars in Horizontal Wells With FEM
Ferda Akgu, B.J. Mitchell, and H-Peter Huttelmaier

25694-PA

Casing Design for Trapped Annular Pressure Buildup
A.S. Halal and R.F. Mitchell

23923-PA

Revised Casing Design Criteria for Sour Gas Wells
D.W. Marshall, Hitoshi Asahi, and Masakatsu Ueno

25443-PA

Rate-Depth Tubing Performance Curves
H.W. Winkler and P.T. Eads

24570-PA

Real-Time Monitoring Provides Insight Into Flow Dynamics During Foam Cementing
D.L. Purvis and D.D. Smith

25150-PA

How Fluid Loss Influences Primary Cementing: Literature Review and Methodology
Gerard Daccord and J.F. Baret

22798-PA

The Use of Succinoglycan Biopolymer for Gravel Packing
G.P. Sanz, M.C. Gunningham, A.J. Samuel, and H.C. Lau

SPE Drill & Compl Vol. 9, No. 3, September 1994**23860-PA**

Strategies and Structures for Drilling and Service Contracts in the Nineties
J.P. de Wardt and J.M.I. van Gils

25749-PA

Drilling Extended-Reach/High-Angle Wells Through Overpressured Shale Formation
G.J. Guild, J.T. Jeffrey, and J.A. Carrer

20415-PA

Proper Nozzle Location, Bit Profile, and Cutter Arrangement Affect PDC-Bit Performance Significantly
Daniel Garcia-Gavito and J.J. Azar

22579-PA

The Effects of PDC Bit Selection and Mud Chemistry on Drilling Rates in Shale
Terry Hemphill and R.K. Clark

24605-PA

Drilling Long Salt Sections Along the U.S. Gulf Coast
J.W. Barker, K.W. Fefund, and Y-N. Tsao

20439-PA

Dynamic and Static Filtrate-Loss Techniques for Monitoring Filter-Cake Quality Improves Drilling-Fluid Performance
B.G. Chesser, D.E. Clark, and W.V. Wise

26844-PA

System Safety Analysis of Well-Control Equipment
J.H. Fowler and J.R. Roche

25711-PA

Computer-Aided Real-Time Kick Analysis and Control
S.I. Jardine, D.B. White, and John Billingham

24762-PA

New and Simple Completion Methods for Horizontal Wells Improve the Production Performance in High-Permeability, Thin Oil Zones
Kristian Brekke and S.C. Lien

21911-PA

Impact on Casing Design of Thermal Expansion of Fluids in Confined Annuli
A.J. Adams and Angus MacEachran

SPE Drill & Compl Vol. 9, No. 4, December 1994**26724-PA**

Laboratory Development and Field Testing of Succinoglycan as a Fluid-Loss-Control Fluid
Hon Chung Lau

27341-PA

Field and Laboratory Verification of Sand-Production Prediction Models
Nobuo Morita

23130-PA

Through-Tubing Sand-Control Techniques Reduce Completion Costs
H.L. Resrarick Jr., S.H. Fowler Jr., and W.P. Sedotal

26874-PA

Design, Drilling, and Testing of a Deviated HTHP Exploration Well in the North Sea
K.P. Seymour and Robert MacAndrew

26324-PA

Drilling Fluid Conversion: Selection and Use of Portland or Blast-Furnace-Slag Cement
R.P. Schlemmer, N.E. Branam, T.M. Edwards, and R.C. Valenziano

25757-PA

Disposal of Oily Cuttings by Downhole Periodic Fracturing Injections, Valhall, North Sea: Case Study and Modeling Concepts
Z.A. Moschovidis, D.C. Gardner, G.V. Sund, and R.W. Veatch Jr.

23414-PA

Influence of Pore Pressure on Drilling Response in Hard Shales
Douglas Gray-Stephens, J.M. Cook, and Michael C. Sheppard

24970-PA

Loads on Drillpipe During Jarring Operations
Thor V. Aarrestad and Age Kyllingstad

25762-PA

Heated Mud Systems: A Solution to Squeezing-Salt Problems
N.B. Muecke

26121-PA

Settling Velocity of Irregularly Shaped Particles
Sze-Foo Chien

SPE Drill & Compl Vol. 10, No. 1, March 1995**26335-PA**

Coiled Tubing Sidetrack: Slaughter Field Case History
C.M. Hightower, C.G. Blount, S.L. Ward, R.F. Martin, D.L. Cantwell, and M.J. Ackers

25370-PA

Helical Buckling and Lock-Up Conditions for Coiled Tubing in Curved Wells
Xiaojun He and Age Kyllingstad

26336-PA

Coiled Tubing Buckling Implication in Drilling and Completing Horizontal Wells
Jiang Wu and Hans C Juvkam- Wold

25690-PA

Successful Use of a Modified MWD Tool in a High-Concentration LCM Mud System
D.J. Attong, U.B. Singh, and Gary Teixeira

27884-PA

Improved Oil Recovery Using Horizontal Wells at Elk Hills, California
F.J. Gangle, K.L. Schultz, G.S. McJannet, and N. Ezekwe

26351-PA

An Assessment of the Mechanical Stability of Wells Offshore Nigeria
John P. Lowrey and Steinar Ottesen

25732-PA

Practical Advantages of Mud Cooling Systems for Drilling
Vincent Maury and Alain Guenot

25147-PA

Effect of Mixing Energy Levels During Batch Mixing of Cement Slurries
A.P. Hibbert, D.J. Kellingray, and Benoit Vidick

27925-PA

Narrow Annulus Cementing in the Deep Anadarko Basin
G.A. Waters and B.L. Wray

27393-PA

Using a Physical Wellbore Model To Study Formation Damage Problems in Well Completions
D.B. Burnerr

SPE Drill & Compl Vol. 10, No. 2, June 1995**26350-PA**

Pushing the Limits for Extended-Reach Drilling: New World Record From Platform Statfjord C, Well C2
Turid E. Alfsen, Steinar Heggen, Harald Blikra, and Helge Tjøtta

26330-PA

Problem Detection During Tripping Operations in Horizontal and Directional Wells
J. Venâncio Cordoso Jr., E.E. Maidla, and L.S. Idagawa

26738-PA

Field Trial Results of Annular Pressure Behavior in a High-Pressure/High-Temperature Well
Pieter Oudeman and L.J. Bacarreza

27488-PA

Pore Pressure Estimation From Velocity Data: Accounting for Overpressure Mechanisms Besides Undercompaction
Glenn L. Bowers

263434-PA

Effects of High-Speed Pipe Rotation on Pressures in Narrow Annuli
R.C. McCann, M.S. Quigley, Mario Zamora, and K.S. Slater

26494-PA

Standoff and Caliper Measurements While Drilling Using a New Formation-Evaluation Tool With Three Ultrasonic Transducers
G.L. Moake, J.R. Birchak, R.G. Matthews, and W.E. Schultz

26752-PA

Field Test of a Downhole-Activated Centralizer To Reduce Casing Drag
Holger Kinzel and Angelo Calderoni

26532-PA

Hydrate Inhibition Design for Deepwater Completions
Janardhan Davalath and J.W. Barker

27522-PA

A New Technique for Evaluating Field Cement Mixing
Glen Bengé

21699-PA

Discriminant Analysis and Neural Nets: Valuable Tools To Optimize Completion Practices
Garrit Nitrers, D.R. Davies, and W.J.M. Epping

SPE Drill & Compl Vol. 10, No. 3, September 1995**28556-PA**

Oriented Perforation To Prevent Casing Collapse for Highly Inclined Wells
Nobuo Morita and Harry McLeod

27359-PA

Completion and Production Results From Alternate-Path Gravel-Packed Wells
D. W. Bryant and L.G. Jones

26540-PA

Low-Cost Alternative for Remedial Sand Control Application
M.A. Peavy, M.E. Bush, M.A. Plummer, and J.J. Perez.

28662-PA

WELCOM: Evolution of Chemical Monitoring of Drilling Fluids and Industrial Perspectives
Luc Aquilina and Michel Brach

26596-PA

Volume Requirements for Aerated Mud Drilling
Boyun Guo and J.M. Rajtar

24587-PA

Development of an Antiwhirl Core Bit
L.A. Sinor, T.M. Warren, and W.K. Armagost

27878-PA

Modeling Early-Time Gas Migration Through Cement Slurries
Michael Prohaska, Rudolf Fruhwirth, and M.J. Economides

29232-PA

An Evaluation of Concentric Casing for Nonuniform Load Applications
P.D. Pattillo, Z.A. Moschovidis, and Manohar Lal

27388-PA

Ultrasonic Removal of Near-Wellbore Damage Caused by Fines and Mud Solids
Adinathan Venkitaraman, P.M. Roberts, and M.M. Sharma

27383-PA

Viscous Fluids Characterize the Crushed Zone
Jean Rochon, M.R. Creusot, Daniel Feugas, Sylvain Thibeau, and J-L. Bergerot

SPE Drill & Compl Vol. 10, No. 4, December 1995**28559-PA**

Completion and Workover of Horizontal and Extended-Reach Wells in the Statfjord Field
Petter Kostøl and Knut Østvang

27922-PA

Air Foam Improves Efficiency of Completion and Workover Operations in Low-Pressure Gas Wells
S.L. Scott, Yulin Wu, and T.J. Bridges

27344-PA

Dual Openhole Gravel Pack in Shaly Fine Sands
Giuseppe Moricca, Giuseppe Ripa, Domenico Rucci, and Enzo Pitoni

28310-PA

Real-Time Job Monitoring and Performance Control of Primary Cementing Operations as a Way to Total Quality Management
H.F. Spoerker

24603-PA

Solutions to Problems Drilling a High-Temperature, High-Pressure Well
S.D. Cassidy

27496-PA

Environmentally Acceptable Water-Based Mud Can Prevent Shale Hydration and Maintain Borehole Stability
J.P. Simpson, T.O. Walker, and G.Z. Jiang

28911-PA

Active Damping of Torsional Drillstring Vibrations With a Hydraulic Top Drive
J.D. Jansen, Leon van den Steen, and Erik Zachariasen

23076-PA

The Chemical Logging of Drilling Fluids
T.L. Hughes, T.G.J. Jones, and Thomas Geehan

26838-PA

The Instrumentation of the Conductor of a Subsea Well in the North Sea To Measure the Installed Conditions and Behavior Under Load
G.W. King and I.J. Soloman

24769-PA Estimating Perforation Flow Performance From Variations in Indentation Hardness
P.M. Halleck, Edmund Poyol, and F.J. Santarelli

SPE Drill & Compl Vol. 11, No. 1, March 1996**28308-PA**

Hole-Cleaning Capabilities of an Ester-Based Drilling Fluid System
Patrick Kenny and Terry Hemphill

30107-PA

Mud-Induced Formation Damage in Fractured Reservoirs
Di Jiao and Mukul M. Sharma

27492-PA

Drilling-Induced Lateral Shifts Along Pre-Existing Fractures: A Common Cause of Drilling Problems
Vincent Maury and Christian Zurdo

30940-PA

Auger Well Completions: Sand Control Installation and Mechanical Design
S.J. Norron and C.D. Smilh

30941-PA

Alba Field Cased-Hole Horizontal Gravel Pack: A Team Approach to Design
Karen Alexander, Suzanne Winton, and Colin Price-Smith

28274-PA

Offshore Application of a Novel Technology for Drilling Vertical Boreholes
PE. Foster and Alan Aitken

25736-PA

Development of Roller-Cone Bits With Active PDC Shear-Cutting Elements Improves Gage-Holding Ability
D.E. Scott

22555-PA

Optimum Application of Environmentally Safe Compound Greases for Casing and Tubing
Masao Ogasawara and Fujimasa Khoyama

SPE Drill & Compl Vol. 11, No. 2, June 1996**26892-PA**

Computer Simulation Predicts Unfavorable Mud Rate and Optimum Air Injection Rate for Aerated Mud Drilling
Boyun Guo, Geir Hareland, and Jerzy Rajtar

28176-PA

On the Mechanical Stability of Inclined Wellbores
Shaohua Zhou, R.R. Hillis, and Mike Sandiford

24581-PA

Determining Circulating Fluid Temperature in Drilling, Workover, and Well-Control Operations
C.S. Kabir, A.R. Hasan, G.E. Kouba. and M.M. Ameen

29832-PA

Egypt's First Subsea Completion: A Gulf of Suez Case History
Ahmed El Hawary and J.G. Hoffman

27466-PA

New Electromagnetic Surveying/Ranging Method for Drilling Parallel Horizontal Twin Wells
A.F. Kuckes, R. T Hay, Joseph McMahon, A.G. Nord. D.A Schilling, and Jeff Morden

27419-PA

Effects of p - p - T Behavior of Muds on Static Pressures During Deep Well Drilling
D.R. Babu

29333-PA

Operator/Contractor Teamwork is the Key to Performance Improvement
K.B. Robins and J.D.M. Roberts

28288-PA

A 3D Analysis of a Bottomhole Assembly Under Large Deflection
Li Zifeng, Ma Xingrui, Huang Wenhui, and Liu Xisheng

29349-PA

Designing and Qualifying Drillstrings for Extended-Reach Drilling
T.H. Hill, M.A. Summers, and G.J. Guild

29459-PA

A Battery-Operated, Electro-Mechanical Setting Tool for Use With Bridge Plugs and Similar Wellbore Tools
I.I. Gazda, and J.J. Goiffon

Discussion of Modeling Early-Time Gas Migration Through Cement Slurries
S.K. Lyomov, K.R. Backe, Pål Skalle, and O.B. Lile

Authors' Reply to Discussion of Modeling Early-Time Gas Migration Through Cement Slurries
Michael Prohaska, Rudolf Fruhwirth, and M.J. Economides

SPE Drill & Compl Vol. 11, No. 3, September 1996

29071-PA

Operational Limits of Synthetic Drilling Fluids
F.B. Growcock and TP. Frederick

28309-PA

Transport in Shales and the Design of Improved Water-Based Shale Drilling Fluids
Eric van Oort, A.H. Hale, F.K. Mody, and Sanjit Roy

28305-PA

Zirconium Additives for High-Temperature Rheology Control of Dispersed Muds
Fausto Miano, Stefano Carminati, Thomas P. Lockhart, and Giovanni Burrafato

28710-PA

A New Simple Method To Estimate Fracture Pressure Gradient
L.A. Rocha and A. T. Bourgoyne

27006-PA

A Study of Formation Damage of Selective Clay and Other Minerals Caused By Bacterial Plugging
Asadollah Hayatdavoudi and Ali Ghalambor

26217-PA

A New MTV Computer Package for Hole-Cleaning Design and Analysis
J.T Ford, Erhu Gao, M.B. Oyenevin, J.M. Peden, M.B. Larrucia, and David Parker

30081-PA

Underbalance Criteria for Minimum Perforation Damage
L.A. Behrmann

29457-PA

Comprehensive Analysis of Buckling With Friction
R.F. Mitchell

30152-PA

Multizone Subsea Completions in the Dai Hung Field, Vietnam
K.R. Lay

SPE Drill & Compl Vol. 11, No. 4, December 1996

25519-PA

A Model for Calculation of Formation Force and Its Application
Tie Yon, Jianqun Zhang, Geir Hareland, and J.M. Rajtar

26328-PA

Hole-Cleaning Capabilities of Water- and Oil-Based Drilling Fluids: A Comparative Experimental Study
Terry Hemphill and T.I. Larsen

35681-PA

Neutron Logs Improve Interpretation of Foamed Cement, Even in Concentric Casing
P.E. Harness and W.E. Frank

29981-PA

Zonal Isolation and Evaluation for Cemented Horizontal Liners
Huawen Gai, T.D. Summers, D.A. Cocking, and Chris Greaves

27472-PA

The Application of Advanced PDC Concepts Proves Effective in South Texas
J.S. Dahlem, R.L. Baxter, K.E. Dunn, R.W. Arfele, and M.G. Hicks

29435-PA

Case Histories and Applications of a New Slimhole MWD Multiple-Depth-of-Investigation Resistivity Sensor
Scott Ball, S.P. Yee, Chris Maranuk, and M.S. Bittar

29350-PA

Drillstring Component Mass Imbalance: A Major Source of Downhole Vibrations
M. W. Dykstra, D.C.-K. Chen, T.M. Warren, and J.J. Azar

27485-PA

Performance of Tubular Connections Under the Loading Conditions of Horizontal Wells
Eiji Tsuru, Masakatsu Ueno, Masao Ogasawara, and Tetsuo Yonezawa

29401-PA

Assessment of Analysis of an Instrumented Drilling Jackup Conductor
Djamel Hamel, Richard Robinson, and R.W.P. Stonor

Discussion of Modeling Early-Time Gas Migration Through Cement Slurries
J.A. Gill

Authors' Reply to Discussion of Modeling Early-Time Gas Migration Through Cement Slurries
Michael Prohaska, Rudolf Fruhwirth, and M.J. Economides

SPE Drill & Compl Vol. 12, No. 1, March 1997**29365-PA**

Drilling Optimization—The Driller's Role
W.B. Reinhold and D.A. Close

29275-PA

Determination of Perforation Schemes To Control Production and Injection Profiles Along Horizontal Wells
Harald Asheim and Piet Oudeman

27981-PA

Recent Advances in Understanding Perforator Penetration and Flow Performance
P.M. Halleck

25708-PA

Slimhole Early Kick Detection by Real-Time Drilling Analysis
B.W. Swanson, A.G. Gardner, N.P. Brown, and P.J. Murray

35036-PA

A New Drillpipe Design Virtually Eliminates Failures That Result From Slip Damage
G.E. Wilson

35033-PA

Reduction in Fatigue Failures Through Crack Detection by Alternating Current Field Measurement
T.M. Gaynor, D.L. Roberts, E. Homan, and W. Dover

35244-PA

Short-Radius Horizontal Drilling System Optimization in Yates Field Unit Provides Excellent Directional Control and Highly Economical Completions
W.J. Tank

29391-PA

Incorporation of Western Components With Russian Drilling Operations, Case History of Ardalin Field Operations, Timan Pechora Basin
Steve Brady and Erick Reyna

35102-PA

Advanced Torque-and-Drag Considerations in Extended-Reach Wells
M.L. Payne and Fereidoun Abbassian

29462-PA

Effects of Well Deviation on Helical Buckling
R.F. Mitchell

Discussion of A New Simple Method To Estimate Fracture Pressure Gradients
Philip Holbrook

SPE Drill & Compl Vol. 12, No. 2, June 1997

30524-PA

A New Approach to the Analysis of Drillstring Fatigue Behavior
Anatoly Baryshnikov, Angelo Calderoni, Angelo Ligrone, and Paola Ferrara

31147-PA

Gravel Placement in Horizontal Wells
W.L. Penberthy Jr., K.L. Bickham, H.T. Nguyen, and T.A. Paulley

31092-PA

Long-Zone Squeeze Gravel Packs in Geopressured Reservoirs in the Gulf of Mexico
S.D. Bruner, H. C. Lau, L.N. Morgenthaler, L.A. Bernardi Jr., and J.M. Kielty

30087-PA

An Experimental Evaluation of the Formation-Damage Potential of Cement Filtrates and Leachates
P.I. Hill, C.R. Hughes, and K.P. Isaac

28595-PA

Application of Oil-Based-Mud Pressure Coring to the Determination of In-Situ Water Saturations
G.S. Charlson, R.A. DeRuiter, A.P. Spence, and H.R. Warner Jr.

28596-PA

Mechanisms Controlling Filtration at the Core Bit for Oil-Based Muds
H.R. Warner Jr. and J.J. Rathmell

28058-PA

The Impact of Constitutive Laws on Wellbore Stability: A General Review
P.A. Charlez

25872-PA

Development of a New Cuttings-Transport Model for High-Angle Wellbores Including Horizontal Wells
T.I. Larsen, A.A. Pilehvari, and J.J. Azar

29400-PA

Lateral-Jet Hydraulics and Oval-Cutter Technology Combine To Improve PDC Performance, North Sea Scott Field
J.P. Lewis, R.J. Begbie, and Neil Simpson

SPE Drill & Compl Vol. 12, No. 3, September 1997

35057-PA

Downhole Measurements of Synthetic-Based Drilling Fluid in an Offshore Well Quantify Dynamic Pressure and Temperature Distributions
W.W. White, Mario Zamora, and C.F. Svoboda

24589-PA

Rheologically Stable, Nontoxic, High-Temperature, Water-Based Drilling Fluid
Julianne Elward-Berry and J.B. Darby

36583-PA

An Expandable-Slotted-Tubing, Fiber-Cement Wellbore-Lining System
R.B. Stewart, D.S. Gill, W.C.M. Lohbeck, and M.N. Baaijens

35084-PA

Optimization of Balanced-Plug Cementing
Kristian Harestad, T.P. Herigstad, Arne Torsvoll, N.E. Nødland, and Arild Saasen

31082-PA

Evaluation and Selection of Drill-In-Fluid Candidates To Minimize Formation Damage
R.M. Hodge, B.G. Augustine, R.C. Burton, W.W. Sanders, and Donna Atkinson Stomp

28472-PA

Parametric Study of Gas Entry Into Cemented Wellbores
Fred Sabins and M.L. Wiggins

30182-PA

Computer Codes for Oilwell-Perforator Design
J.A. Regalbuto and B.C. Gill

28429-PA

Improved Measurement Quality and Reliability in a Formation-Evaluation LWD System
G.L. Moake, D.R. Heysse, C.E. Jackson, Al Jerabek, G.A. Merchant, and W.E. Schultz

36949-PA

Monitoring and Analysis of ECP-Inflation Status Using Memory-Gauge Data
Huawen Gai and Grahame Elliot

SPE Drill & Compl Vol. 12, No. 4, December 1997**35105-PA**

Wellbore-Stability Analysis Made Easy and Practical
F.J. Santarelli, S. Zaho, Giovanni Burrafato, Fabrizio Zausa, and Diego Giacca

36946-PA

Innovative ESP Completions for Liverpool Bay Development
D.R. Stewart and Brian Holland

36995-PA

Electronically Enhanced Remote-Actuation Systems Improve Deepwater Completions and Capabilities
Mark Hopmann and P. L. Dodd

31088-PA

Well-Completion Audits To Evaluate Gravel-Packing Procedures
H.O. McLeod Jr. and M.A. Pashen

35076-PA

Integrating Engineering and Operations for Successful HTHP Exploratory Drilling
J.R. Smith, R.S. Cade, and R.D. Gatte

35613-PA

Rigless Multizone Recompletion Using a Cement Packer Placed With Coiled Tubing: A Case History
T.W. Nowak and T.S. Patout

29956-PA

A Review of Completions and Gravel-Pack Techniques of the Xijiang Development
J.T. Rodgers, J.S. Bennett, Tommy Grigsby, YK. Zhang, and Y.J. Yang

37176-PA

Popeye Project: Subsea System
P.B. Ritter, C.G. Langner, G.E. Sgouros, B.J. Saucier, and R.K. Voss

22557-PA

Safety of Casing-Shoe Test and Casing-Shoe Integrity After Testing
Nobuo Morita, Giin-Fa Fuh, and P.A. Boyd

36420-PA

Laboratory Studies of Fines Movement in Gravel Packs
A.R. Jennings Jr.

SPE Drill & Compl Vol. 13, No. 1, March 1998**35130-PA**

Newly Applied BHA Elements Contribute to Mainstreaming of Coiled-Tubing Drilling Applications
D.D. Gleitman, J.R. Hardin, C.M. Hightower, LL Gantt, B.E. Smith, E.R. Upchurch, and M.B. Smith

37675-PA

Field Experience With Multilaterals in the Idd El Shargi North Dome Field, Qatar
J.R. Scofield, Bill Laney, and Phil Woodard

37588-PA

Pressure-While-Drilling Data Improve Reservoir Drilling Performance
Chris Ward and Espen Andreassen

36421-PA

Fracture Width and Embedment Testing in Soft Reservoir Sandstone
L.L. Lacy, A.R. Rickards, and D.M. Bilden

36945-PA

Field Experiences and Guidelines for Using Non-Viscous Fluids in Frac-Pack Operations
Laura Capra, Giuseppe Ripa, Giovanni Ferrara, and Robin Travis

37366-PA

Differences Between Methane and Condensate Kicks—A Simulation Study
Richard Szczepanski, T.K. Yerlett, N.P. Brown, and T.A.P. Hamilton

37709-PA

Well Design Using a Computer Model
Mohamed Wael Helmy, Fouad Khalaf, and T.A. Darwish

36484-PA

Towards Risk-Based Well Separation Rules
H.S. Williamson

35060-PA

Development and Field Trial of Two Environmentally Safe Water-Based Fluids Used Sequentially To Free Stuck Pipe
J. V. Fisk, R.R. Wood, and Jeff Kirsner

36263-PA

Development and Application of PDC Core Bits for Downhole Motor Low-Invasion Coring in the Arab Carbonates
J.J. Rathmell, B.S. Wilton, B.A. Gale, D.A. Bell, G.A. Tibbitts, and D.J. Bobrosky

SPE Drill & Compl Vol. 13, No. 2, June 1998**36884-PA**

Advanced Tools for Advanced Wells: Rotary Closed-Loop Drilling System—Results of Prototype Field Testing
Sandro Poli, Franco Donati, Joachim Oppelt, and Detlef Ragnitz

39128-PA

Underbalance Perforation in Long Horizontal Wells in the Andrew Field
Koji Kusaka, Dinesh Patel, Sam Gomersall, John Mason, and Phil Doughty

38065-PA

Multilateral Horizontal Well Increases Liquids Recovery in the Gulf of Thailand
M.J. Horn, D.P. Plathey, and Ouahiba Ibrahim

38155-PA

HEC Precipitation at Elevated Temperature: An Unexpected Source of Formation Damage
R.M. Hodge

37649-PA

Innovative Technology for Tubular Connection To Eliminate Thread-Compound Grease
Eiji Tsuru, Kazushi Maruyama, Masaharu Oka, and Seijun Higuchi

30478-PA

Application of Stability Approach to Torsional and Lateral Bit Dynamics
Fereidoun Abbassian and V.A. Dunayevsky

39122-PA

Steady-State and Transient Thermal Performance of Subsea Hardware
G.J. Zabarar and Jianfeng Zhang

37646-PA

Extended-Reach Composite-Materials Drillpipe
Geir Hareland, W.C. Lyons, D.D. Baldwin, G.M. Briggs, and R.K. Bratli

37066-PA

Challenges With Jointed-Pipe Underbalanced Operations
Jeff Saponja

SPE Drill & Compl Vol. 13, No. 3, September 1998**51180-PA**

Analyzing a Multilateral-Well Failure in the East Wilmington Field of California
A.R. Brister

51183-PA

Field Cases of Cost-Efficient Slickline Well Interventions
D.R. Larimore and G.Z. Fehrmann

51184-PA

New Well Architectures Increase Gas Recovery and Reduce Drilling Costs
M.J. Horn and D.P. Plathey

51177-PA

Design and Installation of a Cost-Effective Completion System for Horizontal Chalk Wells Where Multiple Zones Require Acid Stimulation
D. W. Thomson and M.F. Nazroo

51187-PA

Fracturing, Frac Packing, and Formation Failure Control: Can Screenless Completions Prevent Sand Production?
Nobuo Morita, R.C. Burton, and Eric Davis

51179-PA

Analysis of Surface and Wellbore Hydraulics Provides Key to Efficient Blowout Control
Pieter Oudeman

51182-PA

A Review of Zechstein Drilling Issues
M.D. Williamson, S.J. Murray, T.A.P. Hamilton, and M.A. Copland

51186-PA

A Three-Layer Hydraulic Program for Effective Cuttings Transport and Hole Cleaning in Highly Deviated and Horizontal Wells
Desmond Nguyen and S.S. Rahman

51188-PA

A Simple Model for Collapse and Post-Collapse Behavior of Tubulars With Application to Perforated and Slotted Liners
Fereidoun Abbassian and S.H.L. Parfitt

51181-PA

Applying Technical Limit Methodology for Step Change in Understanding and Performance
D.F. Bond, P. W. Scott, P.E. Page, and T.M. Windham

SPE Drill & Compl Vol. 13, No. 4, December 1998**52884-PA**

Modeling of Pressure Buildup on a Kicking Well and Its Practical Application
S.Z Miska, G.R. Samuel, and J.J. Azar

52889-PA

Underbalanced Drilling: Praises and Perils
D.B. Bennion, F.B. Thomas, R.F. Bietz, and D.W Bennion

52891-PA

Gulf of Mexico Subsidence Monitoring Project With a New Formation-Compaction Monitoring Tool
A.J. de Kock, T.J. Johnson, Teruhiko Hagiwara, H.A. Zea, and Fernando Santa

52887-PA

Addressing BRA Whirl: The Culprit in Mobile Bay
J.S. Mason and B.M. Sprawls

52888-PA

Flexible Bit: A New Antivibration PDC-Bit Concept
P.M. Defourny and Fereidoun Abbassian

52892-PA

Characterization and Prevention of Formation Damage During Horizontal Drilling
Jienian Yon, Guancheng Jiang, Fuhua Wang, Weiqing Fan, and Changming Su

52885-PA

Criteria for Backproduction of Drilling Fluids Through Sand-Control Screens
C.D. Marken, Per Markestad, and O.H. Rørvik

52893-PA

Evaluating Completion Damage in High-Rate, Gravel-Packed Wells
R.C. Burton, W.M. MacKinlay, R.M. Hodge, and W.R. Landrum

52890-PA

Cement Design Based on Cement Mechanical Response
M.J. Thiercelin, Bernard Dargaud, J.F. Baret, and W.J. Rodriguez

52886-PA

Planning the First Deepwater Well Offshore Norway
R.C. Minton and J.L. Thorogood

SPE Drill & Compl Vol. 14, No. 1, March 1999**55036-PA**

Horizontal Underbalanced Drilling of Gas Wells with Coiled Tubing
R.J. Cox, Jeff Li, and G.S. Lupick

55039-PA

Buckling Analysis in Deviated Wells: A Practical Method
R.F. Mitchell

55041-PA

Calibration of Casing/Tubing Design Criteria by Use of Structural Reliability Techniques
A.J. Adams and T. Hodgson

55044-PA

Sand Jet Perforating Revisited
J.S. Cobbett

55047-PA

High Penetration Rates and Extended Bit Life Through Revolutionary Hydraulic and Mechanical Design in PDC Drill Bit Development
M.R. Taylor, A.D. Murdock, and S.M. Evans

55050-PA

How to Improve Rate of Penetration in Field Operations
M.J. Fear

55052-PA

Teamwork Results in World-Record Length Casing String
M.J. Jellison, J.J. Eckroth, Jim Fulton, LA. Ogren, P. W. Moore, Vance Barber, and Don Vesely

55054-PA

Silicate Based Muds: Chemical Optimization Based on Field Experience
I. Ward, J. W. Chapman, and R. Williamson

55055-PA

New Formulations of Potassium Acetate-and Potassium Formate Polymer Muds Greatly Improved Drilling and Waste Disposal Operations in South Italy
G. Gallina, A. Guarneri, R. Maglione, P. Nunzi, and L. Xiao

55056-PA

Analysis of Riserless Drilling and Well-Control Hydraulics
Jonggeun Choe

SPE Drill & Compl Vol. 14, No. 2, June 1999**56862-PA**

Wellbore-Stability Predictions by Use of a Modified Lade Criterion
R.T. Ewy

56863-PA

Field-Scale and Wellbore Modeling of Compaction-Induced Casing Failures
L.B. Hilbert Jr., R.L. Gwinn, T.A. Moroney, and G.L. Deitrick

56864-PA

Designing Under- and Near-Balanced Coiled-Tubing Drilling by Use of Computer Simulations
Hongren Gu, I.C. Walton, and D.A. Stein

56865-PA

An Overview of Air/Gas/Foam Drilling in Brazil
A.F. Negrao, A.C.V.M. Lage, and J.C. Cunha

56867-PA

In-Situ Polymerization of an Inflatable Composite Sleeve to Reline Damaged Tubing and Shut Off Perforations
J.L. Saltel, J.R.N. Leighton, A.M. Faure, and Thijs Baaijens

56868-PA

Mechanisms of Shallow Waterflows and Drilling Practices for Intervention
M. W. Alberty, M.E. Hafle, J.C. Mingle, and T.M. Byrd

56871-PA

Rig-Site Monitoring of the Drilling Fluid Solids Content and Solids-Control Equipment Discharge
J.M. Davison, Gerard Daccord, L.P. Prouvost, and Alan Gilmour

56872-PA

Andrew Well-Engineering Alliance: A New Industry Model
S.D. Gomersall, R.J. Klein, Graham Clark, Jan Sneddon, and Michael Simpson

56873-PA

The Role of a Worldwide Drilling Organization and the Road to the Future
G.F. Boykin

Discussion of Modeling of Pressure Buildup on a Kicking Well and Its Practical Application
R.J. Watson

SPE Drill & Compl Vol. 14, No. 3, September 1999**57727-PA**

Proactive Approach to Well Construction Safety in Alaska's Kuparuk River Field
D.K. Petrash, A.O. Graff, and J.A. Trantham

57712-PA

Characterizing Curing-Cement Slurries by Permeability, Tensile Strength, and Shrinkage
K.R. Backe, O.B. Lile, S.K. Lyomov, Harald Elvebakk, and Pål Skalle

57713-PA

Fracture Width Logging While Drilling and Drilling Mud/Loss-Circulation-Material Selection Guidelines in Naturally Fractured Reservoirs
Olivier Liétard, Tessa Unwin, D.J. Guillot, and M.H. Hodder

57714-PA

Formation-Damaging Characteristics of Mixed Metal Hydroxide Drill-In Fluids and a Comparison With Polymer-Base Fluids
L.J. Fraser, P.I. Reid, L.D. Williamson, and F.P. Enriquez Jr.

57715-PA

New Environmentally Safe High-Temperature Water-Based Drilling-Fluid System
C.J. Thaemlitz, A.D. Patel, George Coffin, and Lee Conn

57717-PA

The Use of Slimhole Drilling and Monobore Completions To Reduce Development Costs at the Kuparuk River Field
C.M. Pearson, D.K. Petrash, J.T. Zernell, and Michael Zanghi

57716-PA

State-of-the-Art Cuttings Transport in Horizontal Wellbores
A.A. Pilehvari, J.J. Azar, and S.A. Shirazi

57728-PA

Integrated Team Approach to the Design, Construction, Start Up, and Operation of the World's Most Modern Drilling Rig
T.M. Croucher

57729-PA

When Do Drilling Alliances Add Value? The Alliance-Value Model
J.F. Brett, V.B. Craig, K. V. Brett, D.B. Wadsworth, and K.E. Pile

SPE Drill & Compl Vol. 14, No. 4, December 1999**59527-PA**

Field Hydraulic Tests Improve HPHT Drilling Safety and Performance
Patrick Isambourg, D.L. Bertin, and Martial Brangetto

59480-PA

Perforating Requirements for Fracture Stimulations
L.A. Behrmann and K.G. Nolte

59558-PA

Use of Perforation-Tunnel Permeability To Assess Cased Hole Gravelpack Performance
R.C. Burton

59478-PA

Polymer-Free Fluid for Fracturing Applications
M.M. Samuel, R.J. Card, E.B. Nelson, J.E. Brown, P.S. Vinod, H.L. Temple, Qi Qu, and D.K. Fu

59731-PA

Field Applications of ERD Hole Cleaning Modeling
A.T. Hemphill and Tom Pogue

59729-PA

Evaluating the Transport of Solids Generated by Shale Instabilities in ERW Drilling
A.L. Martins, M.L. Santana, Wellington Campos, and E.F. Gaspari

59730-PA

The Planning and Drilling of a Wildcat Well in the Republic of Seychelles by an Operator/Contractor/Integrated Services Alliance
D. W. Marshall, D.H. Heenan, and J. T. Reynolds

59484-PA

Performance Evaluation and Formation Damage Potential of New Water-Based Drilling Formulas
J.F. Argillier, Annie Audibert, and Daniel Longeron

59479-PA

Reversible Invert Emulsion Drilling Fluids: A Quantum Leap in Technology
A.D. Patel

SPE Drill & Compl Vol. 15, No. 1, March 2000**62020-PA**

The Marsh Funnel and Drilling Fluid Viscosity: A New Equation for Field Use
M.J. Pitt

62041-PA

Unique ESP Completion and Perforation Method Maximizes Production in World Record Step-Out Well
W.R. Blosser, J.E. Davies, P.S. Newberry, and K.A. Hardman

62045-PA

Optimization of Mud Cleanup for Openhole Horizontal Wells
L.N. Morgenthaler, R.I. McNeil, R.J. Faircloth, A.L. Collins, and C.L. Davis

62046-PA

Ultrasonic Removal of Organic Deposits and Polymer-Induced Formation Damage
P.M. Roberts, Adinathan Venkitaraman, and M.M. Sharma

62051-PA

Barite Sag: Measurement, Modeling, and Management
P.A. Bern, Eric van Oort, Beatrice Neustadt, Hege Ebeltoft, Christian Zurdo, Mario Zamora, and K.S. Slater

62095-PA

Synthesizing Dispersant for MTC Design and Its Effect on Slurry Rheology
Jirui Hou and Zhongchun Liu

62114-PA

Directional Drilling and Earth Curvature
H.S. Williamson and H.F. Wilson

62167-PA

A Generalized and Consistent Pressure Drop and Flow Regime Transition Model for Drilling Hydraulics
W.J. Bailey and J.M. Peden

62173-PA

An Effective Matrix Diversion Technique for Carbonate Formations
Alan Saxon, Belgacim Chariag, and M.R. Abdel Rahman

62096-PA

Coiled-Tubing Surface Characteristics and Effects on Fatigue Behavior
S.M. Tipton

62100-PA

Building a System in a Service Company To Assure Technical Integrity and Institutionalize Organizational Learning
M.G. Rixse and J.L. Thorogood

SPE Drill & Compl Vol. 15, No. 2, June 2000**63813-PA**

Burst and Collapse of a Sealed Multilateral Junction: Numerical Simulations
Matt Bayfield, S.L. Fisher, and L.M. Ring

64224-PA

Slickline Power Unit on Coiled Tubing Provides Innovative Solution for Setting a Nippleless Lock in a Multilateral Completion
J.B. Hall and B.M. Wijngaards

64225-PA

Coiled-Tubing Drilling of Horizontal Sidetrack in House Mountain Field, Alberta
M.R. Milligan, M.T. Andreychuk, and W.B. Lunan

64114-PA

Differential-Sticking Mechanisms and a Simple Wellsite Test for Monitoring and Optimizing Drilling Mud Properties
P.I. Reid, G.H. Meeten, P. W. Way, Peter Clark, B.D. Chambers, Alan Gilmour, and M. W. Sanders

64112-PA

Laboratory Development and Field Application of a Novel Water-Based Drill-In Fluid for Geopressured Horizontal Wells
J. W. Dobson, J.C. Harrison, A.H. Hale, H.C. Lau, L.A. Bernardi Jr., J.M. Kielty, M.S. Albrecht, and S.D. Bruner

64005-PA

Unique PDC Bit Technologies Combine To Reduce Drilling Time in Interbedded Formations
Steven Taylor, Alain Besson, Djoko Minto, and I.S. Mampuk

64004-PA

Quantifying Drilling Efficiency and Disruption: Field Data vs. Theoretical Model
C.J.M. Putot, Jean Guesnon, P.J. Perreau, and Andrei Constantinescu

64006-PA

New Material and Technique for Matrix Stimulation in High-Water-Cut Oil Wells
F.F. Chang, T.G. Love, C.J. Affeld, J.B. Blevins III, R.L. Thomas, and D.K. Fu

64297-PA

Sand Production on Water Injectors: How Bad Can It Get?
F.J. Santarelli, Eiliv Skomedal, Per Markestad, H.I. Berge, and Håvard Nasvig

SPE Drill & Compl Vol. 15, No. 3, September 2000**65677-PA**

Successful Drilling Practices: An Experiment in Cooperation
J.F. Brett, M.K. Gregoli, and B.C. Gahan

65104-PA

Frontier Geothermal Drilling Operations Succeed at 500°C BHST
Seiji Saito Gild Sumio Sakuma

65098-PA

Helical Buckling of Pipe With Connectors in Vertical Wells
R.F. Mitchell

65405-PA

New Treatment for Removal of Mud-Polymer Damage in Multilateral Wells Drilled Using Starch-Based Fluids
K.P. O'Driscoll, N.M. Amin, and I.Y. Tantawi

65404-PA

Evaluation of Selective vs. Point-Source Perforating for Hydraulic Fracturing
P.J. Underwood and LA. Kerley

65408-PA

Fluid Placement Model for Horizontal-Well Stimulation
LD. Eckerfield, D. Zhu, A.D. Hill, J.A. Robert, and K.M. Bartko

65105-PA

Laboratory Modeling of Mudcake Application and Erosion for Gravel-Pack Design in Horizontal Wells
T.E. Becker and N.H Gardiner

65406-PA

Horizontal Gravel-Packing Technique for Slim, Cased Holes in Highly Permeable Zones: A Single-Well Case History
E.R. Upchurch

65097-PA

Experimental Investigation of the Influence of Perforating on Gravel-Pack Impairment
R.H.J. Blok, R.W.F. Welling, L.A. Behrmann, and Aadinathan Venkitaraman

65096-PA

Analysis of Post-Audits for Gulf of Mexico Gravel-Packed Oilwell Completions Leads to Continuous Improvement in Completion Practices
M.A. Pashen and H.O. McLeod Jr.

SPE Drill & Compl Vol. 15, No. 4, December 2000**67616-PA**

Accuracy Prediction for Directional Measurement While Drilling
H.S. Williamson

65751-PA

Shallow Water Flow Planning and Operations: Titan No.1 Exploration Well, Deepwater Gulf of Mexico
P. C. Schuberth and M. W. Walker

67608-PA

The Impact of Compression Forces on Casing-String Designs and Connectors
M.J. Jellison and J.N. Brock

67618-PA

Influence of Drillpipe Rotation and Eccentricity on Pressure Drop Over Borehole With Newtonian Liquid During Drilling
G. Ooms and B.E. Kampman-Reinhartz

67835-PA

Improving the Working Environment and Drilling Economics Through Better Understanding of Oil-Based Drilling Fluid Chemistry
R. W. James, T. Schei, P. Navestad, T.A. Geddes, M.G. Nelson, and D. Webster

65756-PA

A New Concept of Sand Production Prediction: Theory and Laboratory Experiments
P.J. van den Hoek, G.M.M. Hertogh, A.P. Kooijman, Ph. de Bree, C.J. Kenter, and E. Papamichos

65755-PA

Horizontal-Wellbore Stability and Sand Production in Weakly Consolidated Sandstones
P.J. van den Hoek, A.P. Kooijman, P. de Bree, C.J. Kenter, Z Zheng, and M. Khodaverdian

67611-PA

Case History of Complex-Fracture Behavior in the Hanoi Trough, Vietnam
C.L. Cipolla, M. Mayerhofer, and B.L. Wilson

67836-PA

Screenless Completions: Cost-Effective Sand Control in the Adriatic Sea
E. Pitoni, F. Devia, S.G. James, and N. Heitmann

SPE Drill & Compl Vol. 16, No. 1, March 2001**70132-PA**

Lateral Proppant Distribution: The Good, the Bad, and the Ugly of Putting Frac Jobs Away
W.W. Aud, T.D. Poulson, R.A. Burns, TR. Rushing, and W.D. Orr

66186-PA

Reliability of Deepwater Subsea Blowout Preventers
Per Holand

68207-PA

Hydrate Control During Deepwater Drilling: Overview and New Drilling-Fluids Formulations
Hege Ebeltoft, Majeed Yousif, and Eirik Særgård

70128-PA

Correlation of Ultralow-Shear-Rate Viscosity and Dynamic Barite Sag
William Dye, Terry Hemphill, William Gusler, and Gregory Mullen

70130-PA

The Use of Resistivity-at-the-Bit Images and Annular Pressure While Drilling in Preventing Drilling Problems
Iain Rezmer-Cooper, Tom Bratton, and Helle Krabbe

70131-PA

Near-Wellbore Halo Effect Resulting From Tip-Screenout Fracturing: Direct Measurement and Implication for Sand Control
Eric R. Upchurch

70133-PA

Multiple Proppant Fracturing of Horizontal Wellbores in a Chalk Formation: Evolving the Process in the Valhall Field
M.R. Norris, L. Bergsvik, C. Teesdale, and B.A. Berntsen

57057-PA

Reliability Analysis of Permanent Downhole Monitoring Systems
S.J.C.H.M. van Gisbergen and A.A.H. Vandeweyer

SPE Drill & Compl Vol. 16, No. 2, June 2001**56017-PA**

Estimating Mechanical Properties of Shale From Empirical Correlations
Per Horsrud

72059-PA

Burst-Induced Stresses in Cemented Wellbores
W.W. Fleckenstein, A.W. Eustes III, and M.G. Miller

72062-PA

Research and Development of Advanced Coiled-Tubing Construction and Performance
T. Urayama, T. Yonezawa, M. Hamada, M. Sugino, H. Takabe, and A. Ikeda

72058-PA

Dynamically Overbalanced Coiled-Tubing Drilling on the North Slope of Alaska
D.T. Kara, D.D. Hearn, L.L. Gantt, and CG. Blount

72060-PA

Casing Shear: Causes, Cases, Cures
Maurice B. Dusseault, Michael S. Bruno, and John Barrera

72061-PA

Application of a New Model To Analyze Leak-Off Tests
G. Altun, J. Langlinais, and A.T. Bourgoyne Jr.

57069-PA

Ram/Powell Deepwater Tension-Leg Platform: Horizontal-Well Design and Operational Experience
G. Scott Lester, Gary H. Lanier, Kaz Javanmardi, Tony Bernardi, and Afif S. Halal

72063-PA

Oil-Based Muds for Reservoir Drilling: Their Performance and Cleanup Characteristics
J.M. Davison, M. Jones, C.E. Shuchart, and C. Gerard

SPE Drill & Compl Vol. 16, No. 3, September 2001**73192-PA**

Feasibility Study of the Stability of Openhole Multilaterals, Cook Inlet, Alaska
D. Moos, M.D. Zoback, and L. Bailey

73191-PA

Shale Preservation and Testing Techniques for Borehole-Stability Studies
M.E. Chenevert and M. Amanullah

73193-PA

The Effect of Drilling Fluid Base-Oil Properties on Occupational Hygiene and the Marine Environment
A. Saasen, M. Berntsen, G. Løklingholm, H. Igeltjorn, and K. Åsnes

73567-PA

How To Manage Drill-In Fluid Composition To Minimize Fluid Losses During Drilling Operations
S. Cobianco, M. Bartosek, A. Lezzi, and A. Guarneri

73194-PA

New Fluosilicic Acid System Removes Deep Clay Damage
Eduardo P. da Motta and J. Altamiro C.M. dos Santos

73195-PA

Orienting Live Well Perforating Technique Provides Innovative Sand-Control Method in the North Sea
Jan Hilding Eriksen, Francesco Sanfilippo, Arne L. Kvamsdal, Flint George, and Erling Kleppa

72094-PA

Experimental and Simulation Analysis of Jet-Perforated Rock Damage
Mahmoud Asadi, Mogdeh K. Shirazi, Ali Ghalambor, and Dan W. Pratt

73196-PA

Applications of Polymer Gel for Establishing Zonal Isolations and Water Shutoff in Carbonate Formations
D. Pérez, EE. Fragachán, A. Ramírez Barrera, and J.P. Féraud

SPE Drill & Compl Vol. 16, No. 4, December 2001**74333-PA**

Foam Property Requirements for Proper Hole Cleaning While Drilling Horizontal Wells in Underbalanced Conditions
AL. Martins, A.M.F. Lourenço, and C.H.M. de Sá

74694-PA

Characterizing Curing Cement Slurries by Electrical Conductivity
K.R. Backe, O.B. Lile, and S.K. Lyomov

75329-PA

Wellbore Position Errors Caused by Drilling-Fluid Contamination
Harry Wilson and Andrew G. Brooks

74972-PA

Mechanisms of Mudcake Removal During Flowback
Zulkeffi M. Zain and Mukul M. Sharma

57007-PA

Utilization of Mud Weights in Excess of the Least Principal Stress to Stabilize Wellbores: Theory and Practical Examples
Takatoshi Ito, Mark D. Zoback, and Pavel Peska

74718-PA

Application and Analysis of Simultaneous Near Bit and Surface Dynamics Measurements
J.D. Macpherson, P.N. Jogi, and J.E.E. Kingman

68339-PA

Advanced Rheological Techniques for Optimizing Borate-Crosslinked Fracturing Fluid Selection and Performance
David J. Power, Lincoln Paterson, and David V. Boger

75328-PA

Openhole Stability and Sanding Predictions by 3D Extrapolation from Hole-Collapse Tests
R.T. Ewy, P. Ray, CA. Bovberg, P.D. Norman, and H.E. Goodman

75326-PA

The Nominal Sand-Control Screen: A Critical Evaluation of Screen Performance
D.R. Underdown, R.C. Dickerson, and W. Vaughan

75327-PA

A Unique Cost-Effective Technique for One-Trip Selective Gravel Packing Over Multiple Zones: Dacion Field Case Study
John Marshall, Chike Obianwu, Raymond Tibbles, and William Vargas

Discussion of Fracture Width Logging While Drilling and Drilling Mud/Loss-Circulation-Material Selection Guidelines in Naturally Fractured Reservoirs
S.J. Sawaryn

Author's Reply to Discussion of Fracture Width Logging While Drilling and Drilling Mud/Loss-Circulation-Material Selection Guidelines in Naturally Fractured Reservoirs
Olivier Liétard and Dominique Guillot

SPE Drill & Compl Vol. 17, No. 1, March 2002**76640-PA**

Casing Drilling: An Emerging Technology
S.F. Shepard, R.H. Reiley, and T.M. Warren

76811-PA

Field Investigation of the Effects of Stick-Slip, Lateral, and Whirl Vibrations on Roller-Cone Bit Performance
S.L. Chen, K. Blackwood, and E. Lamine

76639-PA

Optimizing High-Temperature Kill Pills: The Åsgard Experience
Chades Svoboda

76813-PA

Evaluation of a pH-Sensitive Polymer for Gravel-Pack
ing Operations
Hamoud A. Al-Anazi and Mukul M. Sharma

76812-PA

Perforating for Stimulation: An Engineered Solution
R.S. Lestz, J.N. Clarke, D. Plattner, and A.C. Byrd

76903-PA

Coiled-Tubing Drilling: Continued Performance Improvement in Alaska
Thomas M. McCarty, Mack J. Stanley, and Lamar L. Gantt

76904-PA

Achieving High-Rate Completions With Innovative Through-Tubing Sand Control
Thomas A. Bell Jr., Dan W. Morrison, and William E. Martch Jr.

77261-PA

Cuttings-Transport Problems and Solutions In Coiled-Tubing Drilling
L.J. Leising and I.C. Walton

SPE Drill & Compl Vol. 17, No. 2, June 2002**78268-PA**

Safe Disposal of One Million Barrels of NORM in Louisiana Through Slurry Fracture Injection
A.C. Reed, J.L. Mathews, M.S. Bruno, and S.E. Olmstead

77978-PA

Full-Scale Well-Model Tests of a New Chemical Plug System for Zone Isolation in Horizontal Wells
J.A. Gomez, D.D. Mamora, and L.O. Lilledal

77979-PA

A Study of Relevant Parameters To Predict Sand Production in Gas Wells
A. Ghalambor and M. Asadi

78288-PA

Pressure-While-Drilling Measurements To Solve Extended-Reach Drilling Problems on Alaska's North Slope
C.R. Mallary, Martin Varco, and D'Arcy Quinn

78286-PA

Frac-Pack
Completion of Gas-Storage Wells for Enhanced Deliverability
Bill Peebles, Robert Kelley, Wes Ritter, and Harvey Fitzpatrick

78285-PA

Development of a One-Piece Liner Hanger/Liner Top Packer/Production Packer System for Monobore Wells in
Alaska's Kuparuk River Field
J.A. Trantham and L.F. Anderson

78269-PA

Drillstring Considerations for Gulf of Mexico's Deepest Well (27,864 ft)
Terry E. Prater, S. DeWayne Everage, John F. Greenip, and Burt A. Adams

78267-PA

Development and Testing of Insulated Drillpipe
J.T. Finger, R.D. Jacobson, and A.T. Champness

SPE Drill & Compl Vol. 17, No. 3, September 2002

79041-PA

Perforating Unconsolidated Sands: An Experimental and Theoretical Investigation
Ian C. Walton, David C. Atwood, Phillip M. Halleck, and Luis C.B. Bianco

78809-PA

The Application of Rotary Closed-Loop Drilling Technology To Meet the Challenges of Complex Wellbore Trajectories in the Janice Field
John Edmondson, Chris Abbott, Clive Dalton, and John Johnstone

78808-PA

Coiled-Tubing Failure Statistics Used To Develop CT Performance Indicators
Willem P. van Adrichem and Henrik Aslak Larsen

78807-PA

E&P Waste Management in the Orinoco Delta
A.E. Melchor, A. da Costa, C. Rodriguez, and J.R. Peña

78806-PA

Simultaneous Gravel Packing and Filter-Cake Cleanup With Shunt Tubes in Openhole Completions: A Case History From the Gulf of Mexico
Keith Godwin, Bala Gadiyar, and Hal Riordan

79159-PA

Geomechanical and Decision Analyses for Mitigating Compaction-Related Casing Damage
Michael S. Bruno

SPE Drill & Compl Vol. 17, No. 4, December 2002

80615-PA

Planning and Preparation for the First Subsea Field Test of a Full-Scale Dual-Gradient Drilling System
J.P. Schumacher, J.D. Dowell, L.R. Ribbeck, and J.C. Eggemeyer

80145-PA

Inflow Analysis and Optimization of Slotted Liners
T.M.V. Kaiser, S. Wilson, and L.A. Venning

80169-PA

Advanced Slip-Crushing Considerations for Deepwater Drilling
U.B. Sathuvalli, M.L. Payne, P.V. Suryanarayana, and J. Shepard

80146-PA

A Comprehensive, Practical Approach for Wellbore Instability Management
Xi Chen, Chee P. Tan, and Chris M. Haberfield

57713-PA

Fracture Width Logging While Drilling and Drilling Mud/Loss-Circulation-Material Selection Guidelines in Naturally Fractured Reservoirs
Olivier Liétard, Tessa Unwin, D.J. Guillot, and M.H. Hodder

Discussion by S.J. Sawaryn

Response by Liétard and Guillot

Discussion by Faruk Civan and Marice L. Rasmussen

Response by S.J. Sawaryn and O. Liétard

SPE Drill & Compl Vol. 18, No. 1, March 2003

81821-PA

Unique Offshore Recovery System Dramatically Reduces Environmental Impact by Recycling Stimulation Proppant
Martin Slater, Daniel Perez, Chris Teesdale, and Nicholas Hilbig

81820-PA

Assessment of Salt Loading on Well Casings
S.M. Willson, A.F. Fossum, and J.T. Fredrich

81819-PA

Lateral Buckling of Pipe With Connectors in Curved Wellbores
Robert F. Mitchell

82412-PA

How Bit Profile and Gauges Affect Well Trajectory
S. Menand, H. Sellami, C. Simon, A. Besson, and N. Da Silva

82361-PA

Precise Well Placement With Rotary Steerable Systems and Logging-While-Drilling Measurements
I.R. Tribe, L. Burns, P.D. Howell, and R. Dickson

81928-PA

Case Study: First Intelligent Completion System Installed in the Gulf of Mexico
V.B. Jackson Nielsen and T.R. Tips

81822-PA

Real-Time Specific Energy Monitoring Enhances the Understanding of When To Pull Worn PDC Bits
Robert J. Waughman, John V. Kenner, and Ross A. Moore

SPE Drill & Compl Vol. 18, No. 2, June 2003**83725-PA**

A Joint Industry Project To Assess Circulating Temperatures in Deepwater Wells
M. Ward, V. Granberry, G. Campos, M. Rausis, M. Sledz, L. Weber, D. Guillot, I. Naziri, and J. Romero

83728-PA

Performance Improvement Techniques Used On Goodwyn A Platform, Northwest Shelf, Australia
S.P. Dolan, G.J. Williams, W.J. Barrows, J.W. Dickson, D. Torry, and R.F. Drury

83637-PA

Wellbore Stability Simulations for Underbalanced Drilling Operations in Highly Depleted Reservoirs
J.G. Parra, E. Celis, and S. De Gennaro

83638-PA

New Developments In Aerated Mud Hydraulics for Drilling in Inclined Wells
A.A. Sunthakar, E. Kuru, S. Miska, and A. Kamp

83639-PA

Application of Reliability Analysis Techniques to Intelligent Wells
Brian K. Drakeley, Neil I. Douglas, Knut E. Haugen, and Endre Willmann

83696-PA

New Low-Solids Oil-Based Mud Demonstrates Improved Returns as a Perforating Kill Pill
Ping Jiang, Knur Taugbøl, Anne-Mette Mathisen, Eva Alterås, and Christine Mo

83697-PA

Optimizing the Perforating Strategy in Well Completions To Maximize Productivity
D.R. Underdown, W.H. Jenkins, A. Pitts, A. Venkitaraman, and H. Li

83713-PA

Successfully Managing Drilling-Fluid Losses in Multiple, Highly Depleted Sands
J.F. Jones, G.D. Taylor, and R.D. Barree

83640-PA

Northstar Drilling—Delivering the First Arctic Offshore Development
Andrew G. Krieger, Gavin N. Kidd, and David A. Cocking

SPE Drill & Compl Vol. 18, No. 3, September 2003

85110-PA

A New Comprehensive, Mechanistic Model for Underbalanced Drilling Improves Wellbore Pressure Predictions
C. Pérez-Téllez, J.R. Smith, and J.K. Edwards

85111-PA

A New Wellbore Position Calculation Method
C.R. Chia, W.J. Phillips, and D.L. Aklestad

85112-PA

On the Calibration of Design Collapse Strengths for Quenched and Tempered Pipe
A.J. Adams, P.W. Moore, and M.L. Payne

85113-PA

Practical and Successful Prevention of Annular Pressure Buildup on the Marlin Project
Richard F. Vargo Jr., Mike Payne, Ronnie Faul, John LeBlanc, and James E. Griffith

85504-PA

Design Methodology for Selection of Horizontal Openhole Sand-Control Completions Supported by Field Case Histories
C. Price-Smith, M. Parlar, C. Bennett, J.M. Gilchrist, E. Pitoni, R.C. Burton, R.M. Hodge, J. Troncoso, S.A. Ali, and R. Dickerson

85727-PA

New-Generation Drillstring Safety Valves
B.A. Tarr, R. Luy, G. Rabby, H. Kickermann, J. Senftleben, and J. Cunningham

85775-PA

Effect of Tool Joints on Contact Force and Axial-Force Transfer in Horizontal Wellbores
O.B. Duman, S. Miska, and E. Kuru

SPE Drill & Compl Vol. 18, No. 4, December 2003

85109-PA

Field Validation of Transient Swab-Surge Response With Real-Time Downhole Pressure Data
G. Robello Samuel, Ashwin Sunthankar, Glen McColpin, Peter Bern, and Tim Flynn

87326-PA

The Effect of Cement Heat of Hydration on the Maximum Annular Temperature of Oil and Gas Wells
R.L. Dillenbeck, T. Heinold, M.J. Rogers, and I.G. Mombourquette

86911-PA

Completion Design and Implementation in Challenging HP/HT Wells in California
D.E. Hahn, L.H. Burke, S.F. Mackenzie, and K.H. Archibald

87325-PA

Development of the Alba Field—Evolution of Completion Practices, Part 1: Openhole Screen-Only Completions to Gravel Pack
G. Murray, J. Brookley, S. Ali, E. Davidson, N. McMillan, and J. Roberts

87324-PA

Development of the Alba Field—Evolution of Completion Practices, Part 2: Openhole Completions, Conventional Gravel Packing After Drilling With SOBM
G. Murray, K. Morton, S. Blattel, E. Davidson, N. McMillan, and J. Roberts

86912-PA

Chemical Osmosis, Shale, and Drilling Fluids
R. Schlemmer, J.E. Friedheim, F.B. Growcock, J.B. Bloys, J.A. Headley, and S.C. Polnaszek

87328-PA

Successfully Replacing Oil-Based Drilling Fluids With Water-Based Drilling Fluids: Case Study Demonstrates Value of Extensive Planning and Execution in an Extended-Reach Well
R. Stawaisz, S. Taylor, T. Hemphill, U. Tare, K. Morton, and T. Valentine

SPE Drill & Compl Vol. 19, No. 1, March 2004

87837-PA

PDC Bit Classification According to Steerability
S. Menand, H. Sellami, and C. Simon

87895-PA

Buckling of Tubulars Inside Wellbores: A Review on Recent Theoretical and Experimental Works
J.C. Cunha

87894-PA

The Twist and Shear of Helically Buckled Pipe
Robert F. Mitchell

87664-PA

A New Biopolymer-Free Low-Solids, High-Density Reservoir Drilling Fluid: Laboratory Development and Field Implementation

Robert L. Horron, Kim O. Tresco, James W. Dobson, Jr., Gry Kristvik Bye, Dave A. Knox, Charles F. Svoboda, William E. Foxenberg, and Taylor C. Green

87402-PA

Do Your Horizontal Wells Deliver Their Expected Rates?
M.M. Levitan, P.L. Clay, and J.M. Gilchrist

87896-PA

Openhole Expandable-Sand-Screen Completions in Brunei
Hon Chung Lau, Jacques van Vliet, Mike Ward, David Morin, Arifun Djamil, Paul Kuhnert, Walter Aldaz, and Steven Shanks

87902-PA

Otter: A 21-Kilometer Subsea Tieback With Dual Electric Submersible Pumps
Mark Horn, Frederic Coudeville, Eugene Bupalov, and Howard Butcher

SPE Drill & Compl Vol. 19, No. 2, June 2004

88815-PA

The Transfer of Through-Tubing Drilling Technology Between Provinces
John W. Morrison

88840-PA

A Closed-Form Hydraulics Equation for Aerated-Mud Drilling in Inclined Wells
Boyun Guo, Kai Sun, Ali Ghalambor, and Chengcai Xu

88837-PA

A Case Study in the Design and Execution of Subsea Production Development Wells in the Captain Field
G. Rae, J. Hampson, I. Hiscox, M. Rennie, A. Morrison, and D. Ramsay

88841-PA

Selective Flotation of Casing From a Floating Vessel
G. Rae, H. Williams, and J. Hamilton

88814-PA

Marlin Failure Analysis and Redesign: Part I—Description of Failure
D.W. Bradford, D.G. Fritchie Jr., D.H. Gibson, S.W. Gosch, P.D. Pattillo, J.W. Sharp, and C.E. Taylor

88838-PA

Marlin Failure Analysis and Redesign: Part 2—Redesign
R.C. Ellis, D.G. Fritchie Jr., D.H. Gibson, S.W. Gosch, and P.D. Pattillo

88839-PA

Marlin Failure Analysis and Redesign: Part 3—VIT Completion With Real-Time Monitoring
S.W. Gosch, D.J. Horne, P.D. Pattillo, J.W. Sharp, and P.C. Shah

SPE Drill & Compl Vol. 19, No. 3, September 2004

89016-PA

The Use of Real-Time and Time-Lapse Logging-While-Drilling Images for Geosteering and Formation Evaluation in the Breitbrunn Field, Bavaria, Germany

Hendrik Rohler, Ted Bornemann, Alexis Darquin, and John Rasmus

84175-PA

Study of the Effects of Pressure and Temperature on the Viscosity of Drilling Foams and Frictional Pressure Losses

Afonso M.E Lourenço, Stefan Z. Miska, Troy D. Reed, Mark B. Pickell, and Nicholas E. Takach

87216-PA

Drilling Salt Formations Offshore With Seawater Can Significantly Reduce Well Costs

Stephen M. Willson, Peter M. Driscoll, Arnis Judzis, Alan D. Black, J. Wesley Martin, Brian L. Ehgartner, and Tom E. Hinkebein

79871-PA

Effect of Nonuniform Loading on Conventional Casing Collapse Resistance

P.D. Partillo, N.C. Last, and W.T. Asbill

89015-PA

Filtration Properties of Oil-in-Water Emulsions Containing Solids

Kassim Al-Riyami and Mukul M. Sharma

82203-PA

Perforating in Overbalance—Is It Really Sinful?

F.F. Chang, N.M. Kageson-Loe, I.C. Walton, A.M. Mathisen, and G.S. Svanes

79870-PA

Thermal and Mechanical Considerations for Design of Insulated Tubing

P.D. Partillo, J.E. Bellarby, G.R. Ross, S.W. Gosch, and G.D. McLaren

88988-PA

Subsea Development of Shallow, Low-Pressure Gas Reservoirs With High-Performance Well Designs

R.C. Burton, E.R. Davis, R.M. Hodge, T. Gilbert, R. Stomp, N. Abdelmalek, and M. Bailey

SPE Drill & Compl Vol. 19, No. 4, December 2004

79798-PA

The Disc Bit-A Tool for Hard-Rock Drilling

J.C.R. Plácido and J.E. Friant

81746-PA

Flow Patterns and Minimum Suspension Velocity for Efficient Cuttings Transport in Horizontal and Deviated Wells in Coiled-Tubing Drilling

V.C. Kelessidis and G.E. Bandelis

84313-PA

A New Iron-Based, Environmentally Friendly Hydrogen Sulfide Scavenger for Drilling Fluids

E. Davidson, J. Hall, and C. Temple

79846-PA

Imaging Unstable Wellbores While Drilling

S. Edwards, B. Matsutsuyu, and S. Willson

81095-PA

A Method for Isolating Pressure-Depleted Zones With Solid-Expandable Tubulars

Melvin J. Moore, Jon C. Wright, Warren J. Winters, and Chan Daigle

86562-PA

Beyond Heat Checking: Frictional Heating Causes Drillpipe Failure in an Extended-Reach Well

R.J. Vernon and E.H.R. Wade

77522-PA

Real-Time Monitoring and Control of Water Influx to a Horizontal Well Using Advanced Completion Equipped With Permanent Sensors

I.D. Bryant, M.-Y. Chen, B. Raghuraman, R. Schroeder, M. Supp, J. Navarro, I. Raw, J. Smith, and M. Scaggs

SPE Drill & Compl Vol. 20, No. 1, March 2005

97464-PA

Lessons From Integrated Analysis of GOM Drilling Performance
A.W. Iyoho, SPE, R.A. Meize, SPE, and K.K. Millheim, SPE, Anadarko Petroleum Corp., and M.J. Crumrine, Consultant

79914-PA

Directional Drilling with Casing
Tommy Warren, SPE, Bruce Houtchens, SPE, and Garret Madell, SPE, Tesco Corp.

84246-PA

A Compendium of Directional Calculations Based on the Minimum Curvature Method
S.J. Sawaryn, SPE, and J.L. Thorogood, SPE, BP plc

84314-PA

Field Verification: Invert-Mud Performance From Water-Based Mud in Gulf of Mexico Shelf
Catalin Aldea, SPE, James R. Bruton, SPE, and William R. Dobbs, SPE, M-I LLC; and Aaron L. Klein, formerly of BP America

87195-PA

Evaluation of Cement Systems for Oil- and Gas-Well Zonal Isolation in a Full-Scale Annular Geometry
L. Boukhelifa, Schlumberger; N. Moroni, SPE, Eni SpA; S.G. James, SPE, S. Le Roy-Delage, SPE, and M.J. Thiercelin, SPE, Schlumberger; and G. Lemaire, Inst. Natl. des Sciences Appliquées (INSA) Toulouse

87111-PA

Surface BOP: Testing and Completing Deepwater Wells Drilled With a Surface-BOP Rig
D.L. Mason, SPE, and W. Tharp, Shell Intl. E&P, and C.L. Wilie, SPE, Power Well Services

86496-PA

Minor Modifications Make Major Differences in Remote Deepwater-Brine Displacement Operations
Michael T. Darring, SPE, M-I Swaco; John K. Shucart, SPE, Amerada Hess; Earl B. Claiborne Jr., SPE, Unocal; R.D. Parks, M-I – Equatorial Guinea; and Doug Pillow, M-I Swaco

89614-PA

Coiled Tubing in Sour Environments: Theory and Practice
A.R. Crabtree, SPE, and W. Gavin, BJ Services Co.

SPE Drill & Compl Vol. 20, No. 2, June 2005

84173-PA

Underbalanced Drilling With Casing Evolution in the South Texas Vicksburg
D. Gordon, SPE, and R. Billa, SPE, Shell E&P Co.; M. Weissman, SPE, Consultant; and F. Hou, SPE, Shell Intl. E&P Inc.

87188-PA

An Innovative Design Approach to Reduce Drillstring Fatigue
Tom Hill, SPE, Sean Ellis, SPE, Kang Lee, SPE, Nicholas Reynolds, SPE, and Nanjiu Zheng, T.H. Hill Assocs. Inc.

97465-PA

Well-Control Analyses on Extended-Reach and Multilateral Trajectories
Jonggeun Choe, SPE, Seoul Natl. U., and Jerome J. Schubert and Hans C. Juvkam-Wold, SPE, Texas A&M U.

87186-PA

2,000,000-lbf Landing-String Developments: Novel Slipless Technology Extends the Deepwater Operating Envelope
Burnie Simpson, SPE, and Michael L. Payne, SPE, BP; Michael J. Jellison, SPE, Grant Prideco; and Burt A. Adams, SPE, Oil & Gas Rental Services Inc.)

84561-PA

The Use of Lightweight Cement Slurries and Downhole Chokes on Air-Drilled Wells
Devin Brown, SPE, BJ Services Co. and Thomas Ferg, SPE, ConocoPhillips

84563-PA

High-Temperature Wells With Lost-Circulation Demands and Reverse-Circulation Techniques Using Foamed-Cement Systems: Two Case Histories
Robert Moore, SPE, Moncrief Oil, and Daniel Bour, SPE, Shawn Reed, SPE, and Rafael Hernandez, SPE, Halliburton

86509-PA

Experimental and Theoretical Simulation of Gravel-Pack Displacement in Extended Horizontal-Offshore Wells
A.L. Martins, SPE, J.V.M. de Magalhães, and A. Calderon, Petrobras S.A.; S.P. Mathis, SPE, and C. Trujillo, SPE, Baker Oil Tools; and H.T. Nguyen, SPE, Baker Hughes Inteq)

84415-PA

Completion and Well-Performance Results, Genesis Field, Deepwater Gulf of Mexico
Robert D. Pourciau, SPE, Jill H. Fisk, SPE, Frank J. Descant, SPE

SPE Drill & Compl Vol. 20, No. 3, September 2005**99345-PA**

Cost-Effective Sand-Control Operations Play Key Role in Revitalizing Mature Gas Field
Giuseppe Ripa, SPE, Angelo Ligrone, SPE, Angelo Zamparini, and Marco Sportelli, Eni E&P, and S.P. Mathis, SPE, and Antonio Conte, SPE, Baker Oil Tools

84839-PA

The Value of Cement Innovation: Reduced Cycle Time Saves Money
Roger Myers, SPE, David J. Mack, (Currently with Marathon Oil Co.) SPE, Daniel Kendrick, SPE, George Woo, SPE, BJ Services Co.; David Matz, SPE, Dynatec Corp.; and Derek Hina, (Currently with Universal Well Services Inc.) SPE, Equitable Production Co.

86462-PA

A Recent Gulf of Mexico Cavity Completion
Ian Palmer, SPE, Higgs Technologies LLC; Douglas G. Vorpahl, SPE, John M. Glenn, SPE, and Hans Vaziri, SPE, BP Americas, Inc.; and John McLennan, SPE, ASRC Energy Services

90702-PA

The Continuous-Circulation System: An Advance in Constant-Pressure Drilling
J.W. Jenner, SPE, Maris Intl. Ltd.; H.L. Elkins, SPE, and F. Springett, Varco Drilling Equipment; P.G. Lurie, SPE, BP Exploration; and J.S. Wellings, SPE, BP America Inc.

85332-PA

Improving Horizontal-Well Productivity Using Novel Technology and Optimization of Drilling Fluid
D.S. Qudaihy, F.N. Al Nughaimish, SPE, A.H. Sunbul, A.A. Ansari, D.E. Hembling, and O.A. Al-Faraj, SPE, Saudi Aramco, and B.A. Voll, Baker Oil Tools

90467-PA

Integrating Completion and Drilling Knowledge Reduces Trouble Time and Costs on the Pinedale Anticline
Joe Garcia, SPE, Halliburton; Paul Huckabee, SPE, Shell E&P Co.; Byron Hailey, XTO Energy, (Formerly with Shell E&P Co.) SPE; and Jay Foreman, SPE, Williams Production (Formerly with Halliburton)

90373-PA

Improved Drilling Performance in Troublesome Environment
K.A. Russell, SPE, Schlumberger; S.J. Jolley, M. Koster, A. Crawford, M. Davison, SPE, and M. Kazi, Shell U.K. Ltd.; B. McGrath, SPE, KCA Deutag; and C. Cockburn, SPE, and R. MacLure, Schlumberger

88016-PA

The Cement-to-Formation Interface in Zonal Isolation

H.K.J. Ladva, SPE, B. Craster, T.G.J. Jones, SPE, G. Goldsmith, and D. Scott, Schlumberger Cambridge Research

SPE Drill & Compl Vol. 20, No. 4, December 2005**81107-PA**

Reservoir Management Employing Smart Wells: A Review

Carlos A. Glandt, Shell Intl. E&P

84316-PA

Ultradeepwater Hydraulics and Well-Control Tests With Extensive Instrumentation: Field Tests and Data Analysis
Rolv Rommetveit,* SPE, Knut S. Bjørkevoll,* SPE, and Jan Einar Gravdal, SPE, RF-Rogaland Research; Clemente J.C. Goncalves, SPE, Antonio Carlos V.M. Lage, SPE, Jose E.A. Campos, and Átila F.L. Aragão, SPE, Petrobras; Alberto Arcelloni, Eni SpA—Agip Div.; and Shiniti Ohara, SPE, Shell Brazil (*Currently with SINTEF Petroleum Research)

85306-PA

Geostopping With Resistivity-Forward Modeling To Prevent Drilling Into The Lost-Circulation Zone of a Prolific Carbonate Reservoir

Keng H. Kok, SPE, and John Prumboom, Halliburton, and Frank M. David and Then Jit-Chiun, Sarawak Shell Bhd.

91610-PA

Hydraulic Optimization of Foam Drilling For Maximum Drilling Rate in Vertical Wells

E. Kuru, SPE, O.M. Okunsebor, SPE, and Y. Li, SPE, U. of Alberta

86497-PA

Predicting and Monitoring Fluid Invasion in Exploratory Drilling

A.T.A. Waldmann, A.L. Martins, SPE, A.F.L. Aragão, and R.F.T.Lomba, SPE, Petrobras

87152-PA

Evaluation of Heave-Induced Dynamic Loading on Deepwater Landing Strings

S. DeWayne Everage, SPE, Nanjiu Zheng, and Sean Ellis, SPE, T.H. Hill Assocs. Inc.

87155-PA

Advanced Analysis Identifies Greater Efficiency for Testing BOPs in Deep Water

C. Mark Franklin, SPE, BP America Inc.; Richard F. Vargo Jr., SPE, Halliburton; U.B. Sathuvalli, SPE, Blade Energy Partners; and Mike Payne, SPE, BP America Inc.

SPE Drill & Compl Vol. 21, No. 1, March 2006**78212-PA**

Stability of a Multilateral Junction: Experimental Results and Numerical Modeling

P. Papanastasiou, Schlumberger Cambridge Research; M. Sibai, U. of Lille; J. Heiland, Schlumberger Cambridge Research; J.-F. Shao, U. of Lille; J. Cook, Schlumberger Cambridge Research; D. Fourmaintraux, and A. Onaisi, TotalFinaElf; B. Jeffryes, Schlumberger Cambridge Research; and P. Charlez, TotalFinaElf

84269-PA

Predicting and Preventing Wellbore Instability: Tullich Field Development, North Sea

K.A. Russell, SPE, and C. Ayan, SPE, Schlumberger; N.J. Hart*, J.M. Rodriguez**, H. Scholey*, and C. Sugden*, SPE, Kerr-McGee North Sea; and J.K. Davidson, SPE, Predrill Stresses Intl. *Currently with Maersk Oil. **Currently with OMV.

83995-PA

Advances in Horizontal Openhole Gravel Packing

Syed Ali, SPE, Chevron Energy Technology Co., Tommy Grigsby, SPE, and Sanjay Vitthal,* SPE, Halliburton Energy Services Inc. *Currently with Shell Corp.

87648-PA

Horizontal Drilling and Openhole Gravel Packing With Oil-Based Fluids—An Industry Milestone
M. Wagner, Schlumberger; T. Webb, M. Maharaj, SPE, and A. Twynam, SPE, BP; T. Green, SPE, M-I LLC; and G. Salamat, SPE, and M. Parlar, SPE, Schlumberger

87171-PA

Optimization of Big-Bore HP/HT Wells to Exploit a Low-Pressure Reservoir in Indonesia
J.M. Benesch, SPE, and Nazri Nor, SPE, ExxonMobil Development Co., and Ngatijan, BPMIGAS

89719-PA

Evolution of Completion Practices in the Wild River Tight Gas Field
D.A.F. Colwell, SPE, EnCana Corp.; C.G.J. O'Brien, SPE, Shell Canada; and T.D. Gates, SPE, Anadarko Canada Corp.

88017-PA

Innovative Remedial Cementing Solution Provides Annular Isolation in Duyong B-4
Thomas C. Morris, SPE, and M. Zuki Bidi, SPE, Petronas Carigali; Youssef Elmarsafawi, SPE, Devan Nair, Rifat Said, Reha Tugcu, and Jane Ong, SPE, Schlumberger

77960-PA

New Friction-Factor Correlations for Non-Newtonian Fluid Flow in Coiled Tubing
Y. Zhou, SPE, and S.N. Shah, SPE, Well Construction Technology Center, U. of Oklahoma

SPE Drill & Compl Vol. 21, No. 2, June 2006**86506-PA**

Viscosities for Completion Fluids at Temperature and Density
Anne M. Ortego, SPE, and Daniel P. Vollmer, SPE, BJ Services Co.

87135-PA

The Effect of the Synthetic- and Oil-Based Drilling Fluid's Internal Water-Phase Composition on Barite Sag
Tor Henry Omland, SPE, Statoil ASA; Tron Albertsen, M-I Norge AS; Knut Taugbøl, SPE, Arild Saasen, SPE, and Kåre Svanes, Statoil ASA; and Per Amund Amundsen, U. of Stavanger

89534-PA

Cuttings Transport With Aqueous Foam at Intermediate-Inclined Wells
Jesus Capo, PDVSA, and Mengjiao Yu, SPE, Stefan Z. Miska, SPE, Nicholas Takach, SPE, and Ramadan Ahmed, U. of Tulsa

87205-PA

Helical Buckling of Pipe With Connectors and Torque
Robert F. Mitchell, SPE, Halliburton and Stefan Miska, U. of Tulsa

74560-PA

Evaluation, Impact, and Management of Casing Deformation Caused By Tectonic Forces in the Andean Foothills, Colombia
Nigel Last, BP U.K., Santiago Mujica, BP Colombia, Phillip Pattillo, BP America, and Gary Kelso, BP Colombia

87146-PA

Basis of Design for Coiled-Tubing Underbalanced Through-Tubing Drilling in the Sajaa Field
P.V. Suryanarayana, SPE, Blade Energy Partners; Bruce Smith, SPE, BP Sharjah; ABM K. Hasan, SPE, Blade Energy Partners; and Charlie Leslie, Richard Buchanan, and Randy Pruitt, BP Sharjah

91633-PA

Controlled Mud-Cap Drilling for Subsea Applications: Well-Control Challenges in Deep Waters
Børre Fossli, SPE, Ocean Riser Systems AS, and Sigbjørn Sangesland, SPE, Norwegian U. of Science and Technology

73893-PA

The Management of Drilling-Engineering and Well-Services Software as Safety-Critical Systems
S.J. Sawaryn, SPE, BP plc, and B. Sanstrom, SPE, and G. McColpin, SPE, Landmark Graphics

SPE Drill & Compl Vol. 21, No. 3, September 2006

93695-PA

Applications of Underbalanced-Drilling Reservoir Characterization for Water Shutoff in a Fractured Carbonate Reservoir—A Project Overview

Darren Murphy, SPE, and Rashid Al-Busaidi, SPE, Petroleum Development Oman; Jan Wind, SPE, Shell Intl.; Ian Davidson, SPE, Shell UBD Global Implementation Team; Clayton Myktyiw, SPE, FX Solutions Group; Kennedy, SPE, Blade Energy Partners; and Leo Arsenaault, SPE, Precision Drilling UBD

92579-PA

Top-Drive Casing-Running Process Improves Safety and Capability

Tommy Warren, SPE, Roger Johns, and Dean Zipse, Tesco Corp.

90904-PA

A New OCTG Strength Equation for Collapse Under Combined Loads

F.J. Klever, SPE, Shell Intl. E&P, and T. Tamano, Kogakuin U.

91861-PA

Meeting the Challenges in Completion Liner Design and Execution for Two High-Rate Acid-Gas Injection Wells

Glen Benge, ExxonMobil Development Co. and E.G. Dew, Southwestern Energy Co.

92187-PA

Preventing Lost Circulation by Use of Lightweight Slurries With Reticular Systems: Depleted Reservoirs in Southern Mexico

S.N. Romero and R.R. Monroy, PEMEX; and C. Johnson, SPE, F. Cardenas, and G.A.T. Abraham,

92428-PA

Gravel-PA

ck-Placement Limits in Extended Horizontal Offshore Wells

J.V.M. de Magalhães, A. Calderon, and A.L. Martins, SPE, Petrobras S.A.

84501-PA

Well Performance With Operating Limits Under Reservoir and Completion Uncertainties

C.D. Wehunt, SPE, Chevron Energy Technology Co.

89040-PA

Surface-Roughness Design Values for Modern Pipes

F.F. Farshad, SPE, and H.H. Rieke, SPE, U. of Louisiana at Lafayette

89984-PA

Monte Carlo Techniques Applied to Well Forecasting: Some Pitfalls

H.S. Williamson, SPE, S.J. Sawaryn, SPE, J.W. Morrison, BP plc

SPE Drill & Compl Vol. 21, No. 4, December 2006

88735-PA

Transient Behavior of Annular Pressure Buildup in HP/HT Wells

P. Oudemans, SPE, Shell Int. E&P, M. Kerem, SPE, Shell Int. E&P

89775-PA

Analysis of an Annular Pressure Buildup Failure During Drill Ahead

P.D. Pattillo, SPE, B.W. Coteles, SPE, and S.C. Morey, SPE, BP America

92207-PA

True Hybrid Operations Combining Coiled-Tubing Drilling and Conventional Rig Workover Techniques and Practices

Udo Cassee, Nordic-Calista Services, SPE; Devin Rock, Schlumberger, SPE; Dan Kara, BP Exploration Alaska, SPE; and Sean McLaughlin, Schlumberger, SPE

92367-PA

New Water-Based Mud Balances High-Performance Drilling and Environmental Compliance
William Dye, SPE, Ken d'Augereau, SPE, Nels Hansen, SPE, Michael Otto, SPE, Larry Shoults, SPE, Richard Leaper, SPE, Dennis Clapper, SPE, and Tao Xiang, SPE, Baker Hughes Drilling Fluids

92439-PA

Magnolia Deepwater Development: Striving for Best in Class Drilling Performance
W. Randall Reinhardt, SPE, Roger N. Williamson, SPE, Luke F. Eaton, SPE, and Stephen C. Actis, SPE, ConocoPhillips Co.

92622-PA

Solid Expandable Tubular Technology: The Value of Planned Installation vs. Contingency
Chris Carstens, SPE, Chevron Corp., and Kate Strittmatter, SPE, Enventure Global Technology LLC

99029-PA

Well Control Procedures for Dual Gradient Drilling as Compared to Conventional Riser Drilling
J.J. Schubert, SPE, Texas A&M U., and H.C. Juvkam-Wold, SPE, Texas A&M U

SPE Drill & Compl Vol. 22, No. 1, March 2007**88001-PA**

Jackup Mobilization in Hazardous Soils
Andre Kostelnik and Mike Guerra, ExxonMobil; and Jake Alford, Jose Vazquez, and Jack Zhong, Bennett and Assocs.

96420-PA

Increasing the Wellbore Pressure Containment in Gulf of Mexico HP/HT Wells
David Traugott, SPE, (formerly Halliburton), and Ron Sweatman, SPE, Halliburton; and Randy Vincent, SPE, Chevron

87960-PA

An Effective Fluid Formulation to Remove Drilling-Fluid Mudcake in Horizontal and MultiLateral Wells
H.A. Nasr-EI-Din, SPE, M.B. Al-Otaibi, SPE, A.A. Al-Qahtani, Saudi Aramco; Mathew Samuel, SPE, Schlumberger

95921-PA

Cement Mechanical-Property Measurements Under Wellbore Conditions
B.R. Reddy, Ashok Santra, David McMechan, Dennis Gray, Chad Brenneis, and Rick Dunn, Halliburton

88736-PA

Expandable Tubular Completions for Carbonate Reservoirs
F. Marketz, SPE, and R.W.F. Welling, SPE, Petroleum Development Oman; and R.H.J. van Noort and M.N. Baaijens, Shell

90232-PA

Application of Vacuum-Insulated Tubing to Mitigate Annular Pressure Buildup
J.H. Azzola, SPE, Thermal Science LLC; D.P. Tselepidakis, Fluent Inc.; P.D. Pattillo, SPE, BP America; J.F. Richey, SPE, BP America; S.J. Tinker, SPE, BP America; R.A. Miller, SPE, Viking Engineering; and S.J. Segreto, SPE, Tube-Alloy Products

95294-PA

Application of Flux-Based Sand-Control Guidelines to the Na Kika Deepwater Fields
Richard G. Keck, Jason R. Colbert, and William D. Hardham, BP America

SPE Drill & Compl Vol. 22, No. 2, June 2007**98401-PA**

Generalized Functional Models for Drilling Cost Estimation
Mark J. Kaiser and Allan G. Pulsipher, Center for Energy Studies, Louisiana State University

97982-PA

Recent Advances in Aphron Drilling-Fluid Technology
F.B. Growcock, A. Belkin, M. Fosdick, M. Irving, and B. O'Connor, M-I SWACO, and T. Brookey

99009-PA

A New Extreme-HP/HT Viscometer for New Drilling-Fluid Challenges
William Gusler, SPE, Marvin Pless, SPE, Jason Maxey, SPE, Patrick Grover, SPE, and Jose Perez, SPE, Baker Hughes Drilling Fluids, and Jeff Moon, SPE, and Todd Boaz, Ametek Chandler Engineering

94269-PA

Development, Verification, and Improvement of a Sediment Toxicity Test for Regulatory Compliance
P.B. Dorn, Shell Health; S. Rabke, M-I SWACO; A. Glickman, ChevronTexaco; K. Nguyen, M-I SWACO; R. MacGregor, Halliburton/Baroid; J. Candler, M-I SWACO; D.C.L. Wong, Shell Health; C. Hood, Baker Hughes Drilling Fluids; J. Hall, Halliburton/Baroid; and T. Purcell, American Petroleum Institute

87972-PA

Increased Assurance of Drill Cuttings Reinjection: Challenges, Recent Advances, and Case Studies
Quanxin Guo, SPE, Thomas Geehan, SPE, and Adriana Ovalle, SPE, M-I SWACO

88821-PA

Development of Dope-Free Premium Connections for Casing and Tubing
Andrew Leech, SPE, and A. Roberts, SPE, Hunting Oilfield Services (UK)

99099-PA

The Effect of Friction on Initial Buckling of Tubing and Flowlines
Robert F. Mitchell, Halliburton Digital & Consulting Solutions

90068-PA

A Comparative Study of Mechanical Properties of Density-Reduced Cement Compositions
Kris Ravi, SPE, David E. McMechan, SPE, B.R. Reddy, SPE, and Ron Crook, SPE, Halliburton

111006-PA

An Application of Vacuum-Insulated Tubing (VIT) for Wax Control in an Arctic Environment
Probjot Singh, Jack Walker, Hyun Su Lee, Samir Gharfeh, Bill Thomason, and David Blumer

90056-PA

Selective Placement of Fractures in Horizontal Wells in Offshore Brazil Demonstrates Effectiveness of Hydrajet Stimulation Process
J.B. Surjaatmadja, R. Willett, and B.W. McDaniel, Halliburton; M.L. Rosolen, M.L. de A. Franco, F.C. Rodrigues dos Santos, and P.D. Fernandes, Petróleo Brasileiro; F.A.S. Carneiro, Bonifácio Bezerra de Lima; and M. Cortes, Halliburton Serviços

97912-PA

Fiber-Optic Distributed-Temperature-Sensing Technology Used for Reservoir Monitoring in an Indonesia Steamflood
D.K. Nath, Halliburton Energy Services; Riki Sugianto, PT Chevron Pacific Indonesia; and Doug Finley, Halliburton Energy Services

98563-PA

Deepwater Extended-Reach Sand-Control Completions and Interventions
Robert D. Pourciau, Chevron Corporation

111003-PA

Managing Sand Production—The Key to Improved Gas-Well Deliverability and Extended Field Life
C.K. Enzendorfer, SPE, OMV Pakistan

111005-PA

Long-Term Performance of Sand-Control Completions in the Mokoko-Abana Field, Cameroon
David Mason, Shell International Exploration and Production; Mike Evans and Blaise Ekamba, Pecten Cameroon Company; and Colin Jones and John Cameron, Weatherford International

SPE Drill & Compl Vol. 22, No. 3, September 2007

111634-PA

Deepwater Drilling Made More Efficient and Cost-Effective Using the Microflux Control Method and an Ultralow Invasion Fluid to Open the Mud Weight Window
Helio Santos and Paul Reid, Impact Solutions Group; John McCaskill, Expro, Joe Kinder, Secure Drilling; and John Kozicz, Transocean

98743-PA

Modernization of the API Recommended Practice on Rheology and Hydraulics: Creating Easy Access to Integrated Wellbore Fluids Engineering
P.A. Bern, BP Exploration; E.K. Morton, Chevron; M. Zamora, M-I Swaco; R. May, Baker Hughes Inteq; D. Moran, Smith International; T. Hemphill, Halliburton; L. Robinson, Consultant; I. Cooper, Schlumberger; S. Shah, University of Oklahoma; D.V. Flores, ExxonMobil

96098-PA

A Rapid, Rigsite-Deployable, Electrochemical Test for Evaluating the Membrane Potential of Shales
Talal Al-Bazali, Kuwait University; Jianguo Zhang, Baker Atlas; Martin E. Chenevert and Mukul M. Sharma, University of Texas at Austin

99880-PA

Use of Real-Time Rig-Sensor Data To Improve Daily Drilling Reporting, Benchmarking, and Planning—A Case Study
G. Thonhauser, G. Wallnoefer, University of Leoben, W. Mathis, TDE Thonhauser Data Engineering GmbH, J. Ettl, SPE, OMV Austria, SPE

98279-PA

Pressure Prediction and Drilling Challenges in a Deepwater Subsalt Well from Offshore Nova Scotia, Canada
Chris Marland and Simon Nicholas, Halliburton Sperry Drilling Services, and Wayne Cox, Chris Flannery, and Bruce Thistle, EnCana Corporation

111635-PA

Sandface Completion for a Shallow Laminated Gas Pay With High Fines Content
Neil S. Hadfield, Jan H. Terwogt, and Aart A. van Kranenburg, Sarawak Shell; and Sharifudin Salahudin and Kimberly King, Halliburton Energy Services

98226-PA

Optimization of Well Performance in a Selective Subsea Sand-Control Completion, Offshore Nigeria
Frédéric Guinot, Toni E. Ezeukwu, and Bruno Stenger, SPE, Addax Petroleum

95331-PA

Marco Polo Tension Leg Platform: Deepwater Completion Performance
Jack Burman, SPE, Exploitation Technologies, and Kevin Renfro, SPE and Mark Conrad, SPE, Anadarko Petroleum

SPE Drill & Compl Vol. 22, No. 4, December 2007

87221-PA

Drilling Wellbore Stability in the Compacting and Subsiding Valhall Field: A Case Study
Tron Golder Kristiansen, SPE, BP

87114-PA

Analyses and Procedures for Kick Detection in Subsea Mudlift Drilling
Jonggeun Choe, SPE, Seoul National University, Jerome J. Schubert, SPE, Texas A&M University, and Hans C. Juvkam-Wold, SPE, Texas A&M University

99201-PA

Experimental Study on Cuttings Transport With Foam Under Simulated Horizontal Downhole Conditions
Z. Chen, R.M. Ahmed, S.Z. Miska, N.E. Takach, M. Yu and M.B. Pickell, University of Tulsa; J. Hallman, Weatherford International

114008-PA

Through-Tubing Rotary Drilling From Njord Floating Platform

Jan Ivar Tistel, SPE, Hydro Oil and Energy; Joy Oyovwevotu, SPE, LEA Ltd.; Saifullah Talukdar, Kare Kjosnes, and Lill Harriet Brusdal, SPE, Hydro Oil and Energy

101840-PA

Extreme Multistage Fracturing Improves Vertical Coverage and Well Performance in the Lost Hills Field
K.A. Hejl, SPE, A.M. Madding, SPE, and M.F. Morea, Chevron North America Exploration and Production Company; C.W. Glatz, SPE, and J. Luna, SPE, Halliburton Energy Services; W.A. Minner, SPE, T. Singh, SPE, and G.R. Stanley, SPE, Pinnacle Technologies

96910-PA

Deepwater Horizontal Openhole Gravel Packing in Marlim Sul Field, Campos Basin, Brazil—Completion Project Learning Curve and Optimization
Marco Acosta, Rodrigo Farias, Álvaro Vilela, Alfredo Mendez, Francisco Pineda, Roberto Montanha, BJ Services; Eduardo Garcia, Agostinho Calderon, Carlos Magno and Mário Germino, Petrobras

108463-PA

Brine Viscosity Correlation with Temperature Using the Vogel-Tammann-Fulcher (VTF) Equation
Faruk Civan, SPE, University of Oklahoma

101017-PA

Rapid Pressure Support for Champion SE Reservoirs by Multilayer Fractured Water Injection
Gerald Sommerauer, SPE, and Christoph Zerbst, SPE, Brunei Shell Petroleum Co. Sdn. Bhd.

SPE Drill & Compl Vol. 23, No. 1, March 2008

90408-PA

Prediction of Wellbore Position Accuracy When Surveyed With Gyroscopic Tools
Torgeir Torkildsen, SPE, Sintef; Stein T. Håvardstein, SPE, Total; John Weston, SPE, Gyrodata; Roger Ekseth, SPE, Gyrodata

103094-PA

Dynamic Depth Correction To Reduce Depth Uncertainty and Improve MWD/LWD Log Quality
D. Dashevskiy, T. Dahl, A.G. Brooks, D. Zurcher, J.C. Lofts, and S. Dankers, Baker Hughes INTEQ

100922-PA

Formation of Underwater Cuttings Piles in Offshore Drilling
Qian Fang, SPE, Boyun Guo, SPE, and Ali Ghalambor, SPE, University of Louisiana at Lafayette

102378-PA

Jetting of Structural Casing in Deepwater Environments: Job Design and Operational Practices
T.J. Akers, ExxonMobil Development Company

103118-PA

New Technology Improves Performance of Viscoelastic Surfactant Fluids
James B. Crews, SPE, Tianping Huang, SPE, and W. Russell Wood, SPE, Baker Oil Tools

99158-PA

Effective High-Density Wellbore Cleaning Fluids: Brine-Based and Solids-Free
Paul H. Javora, SPE, and Glenn Baccigalopi, SPE, BJ Services Company; Jack Sanford, SPE, and Cristina Cordeddu, SPE, ENI Petroleum; Qi Qu, SPE, Gary Poole, SPE, and Bernard Franklin, SPE, BJ Services Company

100467-PA

Polymer Reduction Leads to Increased Success: A Comparative Study
Natasha Kostenuk, SPE, Trican Well Service, and Pierre Gagnon, SPE, ConocoPhillips Canada

103195-PA

World's First Gravel-Packed Inflow-Control Completion
Jody Augustine, SPE, Steve Mathis, SPE, Hang Nguyen, SPE, Baker Oil Tools; Chris Gann, SPE, Consultant; and Jerry Gill, VAALCO Gabon (Etame) Inc.

101310-PA

Zonal Isolation Modeling and Measurements—Past Myths and Today's Realities
Simon James, SPE, and Linda Boukhelifa, SPE, Schlumberger

SPE Drill & Compl Vol. 23, No. 2, June 2008**103156-PA**

Guidelines for Shale Inhibition During Openhole Gravel Packing With Water-Based Fluids
S. Shenoy and T. Gilmore, Schlumberger; A.J. Twynam, BP; A. Patel. M-I Swaco; and S. Mason, G. Kubala, B. Vidick and M. Parlar, Schlumberger

101178-PA

Improved Prediction of Shallow Sediment Fracturing for Offshore Applications
E. Kårstad, SPE, and B.S. Aadnoy, SPE, University of Stavanger

102309-PA

First Laboratory Perforating Tests in Coal Show Lower-Than-Expected Penetration
P.M. Snider, SPE, Marathon Oil Co.; I.C. Walton, SPE, Schlumberger; T.K. Skinner, Marathon Oil Co.; and D.C. Atwood, SPE, B.M. Grove, SPE, C. Graham, SPE, Schlumberger

103941-PA

Rapid Planning and Execution of the First Multilateral Well in the Gulf of Thailand: Results and Lessons Learned
Eric R. Upchurch, Paul A. Dooley, Kenneth H. Hall, Songklod Laohaburanakit, Vichai Maroongroge, L. Douglas McKee, Panaratn Nucharoen, and Michael R. Wagner, Chevron Thailand Exploration and Production

96131-PA

Tubing Buckling - The Rest of the Story
Robert F. Mitchell, SPE, Halliburton Digital & Consulting Services

103134-PA

Universal Process for Benchmarking Drilling Fluid Performance
Mario Zamora and Judith McGlaughlin, M-I SWACO

87180-PA

Correlations and Analysis of Cuttings Transport With Aerated Fluids in Deviated Wells
R. Avila, ConocoPhillips; E. Pereira, SPE, Universidad del Zulia; S. Miska and N. Takach, SPE, University of Tulsa; and A. Saasen, SPE, Statoil

103088-PA

Measuring and Predicting Dynamic Sag
Robert Murphy, SPE, Dale Jamison, SPE, and Terry Hemphill, SPE, Halliburton; Stephen Bell, SPE, International Specialty Products; and Carl Albrecht, SPE, Halliburton

100735-PA

Factors Controlling the Membrane Efficiency of Shales When Interacting with Water-Based and Oil-Based Muds
Jianguo Zhang, SPE, BP; Talal M. Al-Bazali, SPE, Kuwait University; and Martin E. Chenevert, SPE, and Mukul M. Sharma, SPE, The University of Texas at Austin

105215-PA

Underbalanced Drilling of a Horizontal Well in Depleted Reservoir: A Wellbore-Stability Perspective
Kaibin Qiu, SPE, Schlumberger; Yousef Gherryo, SPE, Arabian Gulf Oil Company; and Chee Phuat Tan and Rob Marsden, SPE, Schlumberger

95895-PA

Best Practice in Understanding and Managing Lost Circulation Challenges
Hong (Max) Wang, SPE, Ronald Sweatman, SPE, Bob Engelman, SPE, Halliburton; Wolfgang Deeg (formerly Halliburton), SPE; Don Whitfill, SPE, Mohamed Soliman, SPE, Halliburton; and Brian F. Towler, SPE, University of Wyoming

102039-PA

Cementing Under Pressure in Well-Kill Operations: A Case History From the Eastern Mediterranean Sea
Kristian Johnstone,* Alex Gill, Tom Conlon,** and Mahdy Bahr, Rashid Petroleum Company (RASPETCO/British Gas); and Arshad Waheed, Halliburton * Now with Geothermal Explorers Limited. ** Now with Peak-Group Inc.

118805-PA

Connection Performance Evaluation for Casing-Drilling Application
Qing Lu and Dan Hannahs, Grant Prideco; Jiang Wu, Chevron; and Steve Langford, Grant Prideco

104827-PA

Ultradeep Drilling Pushes Drillstring Technology Innovations
Michael J. Jellison and R. Brett Chandler, Grant Prideco; Mike L. Payne, BP America; and Jeff S. Shepard, Transocean

SPE Drill & Compl Vol. 23, No. 3, September 2008**77363-PA**

A New Skin-Factor Model for Perforated Horizontal Wells
K. Furui, D. Zhu, and A.D. Hill, University of Texas at Austin

86992-PA

Geomechanics Aspects of Multiple Fracturing of Horizontal and Vertical Wells
M.Y. Soliman, Loyd East, and David Adams, Halliburton Energy Services

102185-PA

An Alternative to Sand-Control Screens: Is Permeable Cement a Viable Option?
Benoit Vidick, SPE, Simon James, SPE, and Bruno Drochon, SPE, Schlumberger

103782-PA

Design and Implementation of Retention/Filtration Media for Sand Control
David R. Underdown, Chevron Energy Technology Company, and Sam Hopkins, Purolator Facet

103936-PA

Remote Real-Time Well Monitoring and Model Updating Help Optimize Drilling Performance and Reduce Casing Strings
Roger B. Goobie, SPE, Ed Tollefsen, SPE, Sheila Noeth, Colin Sayers, SPE, Lennert den Boer, Pat Hooyman, SPE, and Goke Akinniranye, Jay Cooke, and Ron Thomas and Edgar Carter

101231-PA

State-of-the-Art in Coalbed Methane Drilling Fluids
Len V. Baltoiu and Brent K. Warren, Q'Max Solutions Inc.; and Thanos A. Natras

104192-PA

Transport of Small Cuttings in Extended-Reach Drilling
Mingqin Duan, Stefan Miska, Mengjiao Yu, Nicholas Takach, and Ramadan Ahmed, SPE, U. of Tulsa; and Claudia Zettner, SPE, ExxonMobil

98926-PA

Hole Cleaning During Underbalanced Drilling in Horizontal and Inclined Wellbore
L. Zhou, SPT Group

105027-PA

Kikeh Batch Setting: Case Study
Chris Flannery and Benjamin Choo, Murphy Sabah Oil Company

105193-PA

Improving Formation-Strength Tests and Their Interpretation
Eric van Oort, Shell Exploration and Production Americas, and Richard Vargo

105449-PA

Design of Well Barriers To Combat Circulation Losses

Bernt S. Aadnoy, SPE, and Mesfin Belayneh, SPE; Miguel Arriado, University of Stavanger; and Roar Flateboe

102275-PA

Shear-Type Borehole Wall Shifts Induced During Lost Circulations

Daisuke Iwashita, Nobuo Morita, and Masako Tominaga, Waseda University

98986-PA

A New Method of Producing Laterally Stable PDC Drill Bits

S. Johnson, SPE, ReedHycalog

SPE Drill & Compl Vol. 23, No. 4, December 2008**87996-PA**

The Role of Knowledge, Tools, and Systems for Drilling Analysis

Alejandro J. Lagreca, Carlos Damski, James M. Peden, and Edson Y. Nakagawa

100432-PA

Near-Surface External-Casing Corrosion in Alaska: Cause and Mitigation

Jerald Dethlefs, SPE, and Curtis Blount, SPE, ConocoPhillips, and John Bollinger

104471-PA

Casing-Collapse Strength Reduction Under Lateral Loads From Yielding Shales in the Daqing Oilfield

Chi Ai, SPE, and Wanchun Zhao, Daqing Petroleum Institute; and Boyun Guo, SPE

105717-PA

Strain-Based Design of Tubulars for Extreme-Service Wells

J. Nowinka, SPE, and T. Kaiser, SPE, Noetic Engineering; and B. Lepper

104267-PA

Tubing Buckling--The State of the Art

Robert F. Mitchell, SPE, Halliburton

99005-PA

First Hyperstatic-Riser Joint Field Tested for Deep Offshore Drilling

Y. Poirette, J. Guesnon, IFP; and D. Dupuis, SPE, Pride International

105198-PA

Real-Time Digital Interpretation of Subsea-Blowout-Preventer Tests

Warren J. Winters and Tim A. Burns, BP America; Ronald B. Livesay, Hecate Software

102498-PA

Stressed-Shale Drilling Strategy--Water-Activity Design Improves Drilling Performance

Jianguo Zhang, Juan Carlos Rojas, SPE, and David E. Clark

102781-PA

Wellbore-Stability Study for the SAFOD Borehole Through the San Andreas Fault

Pijush Paul, SPE, Mark Zoback, SPE, Stanford University

103934-PA

Successful Drilling of Oil and Gas Wells by Optimal Drilling-Fluid/Solids Control--A Practical and Theoretical Evaluation

B. Dahl, Bjorn Dahl ENK; A. Saasen and T.H. Omland

102242-PA

Bokor--A New Look at Sand Production in a Mature Field

Abdullah Kasim, SPE, Petronas Carigali; and Frank Wijnands, SPE, and Surej Subbiah

Drilling Papers

99774-PA

Human-Factors Implications of Remote Drilling Operations: A Case Study From the North Sea
K. Lauche, Delft University of Technology; S.J. Sawaryn, SPE, BP Exploration; and J.L. Thorogood, SPE, Drilling Global Consultant

105733-PA

Drilling and Completing High-Angle Wells in High-Density, Cesium Formate Brine--The Kvitebjørn Experience, 2004--2006

Per Cato Berg, Erik Sandtorv Pedersen, Åshild Lauritsen, Nader Behjat, and Siri Hagerup-Jenssen, StatoilHydro; Siv Howard, Gunnar Olsvik, John D. Downs, and Jim Turner, Cabot Specialty Fluids; and Mike Harris, HTHP Fluids Consultants

105885-PA

Optimization of Deep-Drilling Performance--Benchmark Testing Drives ROP Improvements for Bits and Drilling Fluids

Arnis Judzis, SPE, TerraTek-Schlumberger; Ronald G. Bland, SPE, Baker Hughes; David A. Curry, SPE, Hughes Christensen; Alan D. Black, SPE, and Homer A. Robertson, SPE, TerraTek-Schlumberger; Matthew J. Meiners, SPE, Hughes Christensen; and Timothy C. Grant, US Department of Energy

105583-PA

Hydraulic Predictions for Polymer-Thickened Foam Flow in Horizontal and Directional Wells

Z. Chen, M. Duan, S.Z. Miska, M. Yu, and R.M. Ahmed, University of Tulsa; and J. Hallman, Weatherford International

103052-PA

A Novel Approach for Determining, Evaluating, and Applying Stress-Concentration Factors for Rotary-Shouldered Connections

Wei Tang, SPE, Smith International; Andrei Muradov, SPE, R. Brett Chandler, SPE, and Michael J. Jellison, SPE, NOV Grant Prideco; Manuel E. Gonzalez, SPE, and Jiang Wu, SPE, Chevron

105068-PA

How Good Is the Torque/Drag Model?

Robert F. Mitchell, and Robello Samuel, Halliburton

105628-PA

Defining the Limits of Tubular-Handling Equipment at Extreme Tension Loadings

Dale W. Bradford, SPE, BHP Billiton; Michael L. Payne, SPE, BP; Donald E. Schultz, SPE, Nexen; Burt A. Adams, SPE, Oil & Gas Rental Services; and Kurt D. Vandervort, SPE, Mohr Engineering Division

105930-PA

Special Issues in the Stress Analysis of Casing Strings in Steam-Injection Wells: Mathematical Development and Design

R. Garside, SPE, BP Exploration; P.D. Pattillo, SPE, and P. D. Pattillo II, SPE, BP America; U.B. Sathuvalli, SPE, Blade Energy Partners

106849-PA

Sealing Capacity of API Connections--Theoretical and Experimental Results

Catalin Teodoriu, Texas A&M, and Marius Badicioiu, UPG Ploiesti

103610-PA

Cement-Shrinkage Measurement in Oilwell Cementing--A Comparative Study of Laboratory Methods and Procedures

B.R. Reddy, Ying Xu, Kris Ravi, and Dennis Gray, Halliburton, and P.D. Pattillo, BP America

106817-PA

Evaluation of the Potential for Gas and CO₂ Leakage Along Wellbores

Theresa L. Watson, T.L. Watson & Associates, and Stefan Bachu, Alberta Energy Resources Conservation Board

106998-PA

Finite-Element Studies of Near-Wellbore Region During Cementing Operations: Part I
K.E. Gray, SPE, E. Podnos, and E. Becker, University of Texas at Austin

Completion Papers**103821-PA**

Evaluation of Sand-Control Completions in the Duri Steamflood, Sumatra, Indonesia
David Underdown, SPE, Chevron; Henky Chan, SPE, Chevron Pacific Indonesia

105542-PA

Lessons Learned on Sand-Control Failure and Subsequent Workover at Magnolia Deepwater Development
George Colwart, SPE, Robert C. Burton, SPE, Luke F. Eaton, SPE, and Richard M. Hodge, SPE, ConocoPhillips Company, and Kenyon Blake, SPE, Schlumberger

106294-PA

Sand Exclusion and Management in the Okwori Subsea Oil Field, Nigeria
Frédéric Guinot, SPE, Stuart Douglass, Jim Duncan, Martin Orrell, SPE, and Bruno Stenger, SPE, Addax Petroleum)

105541-PA

Magnolia Deepwater Experience--Frac Packing Long, Perforated Intervals in Unconsolidated Silt Reservoirs
Luke F. Eaton, SPE, and W. Randall Reinhardt, SPE, ConocoPhillips; J. Scott Bennett, SPE, Devon Energy Corporation; Kenyon Blake, SPE, and Hugo Morales, SPE, Schlumberger

101385-PA

Challenges, Lessons Learned, and Successful Implementations of Multilateral Completion Technology Offshore Abu Dhabi
Shuichi Kikuchi, SPE, and Abdulla S. Fada'q, SPE, ZADCO, Abu Dhabi, UAE

105736-PA

Delivering a Fully Qualified HP/HT Production Packer Following Field Failure
Alan Humphreys, Total France, and Robert Ross, Baker Hughes

104467-PA

Quantification of Overbalance-Induced Invasive Damage and the Estimation of Equivalent-Skin Effect on Production
John Ramalho, Shell E&P International Limited; Zhan Wu, Ravi N. Vaidya, and P.V. Suryanarayana, Blade Energy Partners

103623-PA

Qualifying Proppant Performance
E.R. Freeman, SPE, D.A. Anschutz, SPE, and J.J. Renkes, SPE, PropTester; and David Milton-Taylor, SPE, FracTech

SPE Drill & Compl Vol. 24, No. 2, June 2009**Drilling Papers****105858-PA**

Formation Damage Caused by Emulsions During Drilling With Emulsified Drilling Fluids
Ingebret Fjelde, SPE, IRIS

106707-PA

Critical Conditions for Effective Sand-Sized Solids Transport in Horizontal and High-Angle Wells
Mingqin Duan, Stefan Miska, Mengjiao Yu, Nicholas Takach, and Ramadan Ahmed, SPE, University of Tulsa; and Claudia Zettner, SPE, ExxonMobil

108159-PA

Olefin-Based Synthetic-Drilling-Fluids Volumetric Behavior Under Downhole Conditions
Barkim Demirdal, SPE, and J.C. Cunha, SPE, University of Alberta

125870-PA

The First Dual-Lateral Well Successfully Drilled Underbalanced in Libya
Hussein Safar, Sadek Azhary, and Ahmad Hijazi, SPE, Zueitina Oil Company, Hani Qutob and James Chopty, SPE, Weatherford Oil Tools

110121-PA

Experimental and Numerical Investigations of Borehole Ballooning in Rough Fractures
M. Ozdemirtas, T. Babadagli, and E. Kuru, SPE, University of Alberta

92274-PA

Measurement and Analysis of Induced Torsion in Helically Buckled Tubing
A. Zdvizhkov, SPE, and S. Miska, SPE, University of Tulsa; and R. Mitchell, SPE, Halliburton

102850-PA

Buckling of Tubulars in Simulated Field Conditions
S. Menand, SPE, H. Sellami, SPE, M. Tijani, and J. Akowanou, Mines ParisTech, and C. Simon, DrillScan

105615-PA

Integrity Assessment of Well Barriers Threatened by Increasing Casing-Hanger Loads
Eivind H. Okstad, SINTEF, and Sigbjørn Sangesland, Norwegian University of Science and Technology

107289-PA

Gauge, Cutting Structure, Torque Control Components--What Really Counts for Optimal Tool Face Control With FC Drill Bits?
Steve Barton, SPE, Henry May, SPE, and Simon Johnson, SPE, NOV ReedHycalog

107903-PA

Implementation of a Shock and Vibration Mitigation Process: Achieving Real-Time Solutions and Savings
Goke Akinniranye, SPE, Amanda Megat, SPE, Hesham Elsheisy, SPE, Julio Palacio, SPE, Benny Poedjono, SPE, and Roger Goobie, SPE, Schlumberger

110014-PA

A Compendium of Directional Calculations Based on the Minimum Curvature Method—Part 2: Extension to Steering and Landing Applications
S.J. Sawaryn, SPE, BP Exploration, and M.A. Tulceanu, SPE, Total

Completion Papers**108423-PA**

Increasing Production by Maximizing Underbalance During Perforation Using Nontraditional Lightweight Completion Fluid
Badrul M. Jan, SPE, University of Malaya; Graeme R. Rae, Talisman; M. Ishenny Noor and An N. Suhadi, Enro Analisa; and Melvin Devadaas, SPE, 3M

111243-PA

Analysis of Casing-Shift Problems in Compacting Reservoirs
Yasuo Jinnai and Nobuo Morita, Waseda University

125869-PA

"Don't Let the Temperature Log Fool You"--False Indications of Height Containment From Case Studies in a Tectonically Stressed Environment
George C. Dozier, Schlumberger

SPE Drill & Compl Vol. 24, No. 3, September 2009**110082-PA**

Current State of the Premium Screen Industry: Buyer Beware, Methodical Testing and Qualification Shows You Don't Always Get What You Paid For
Peter R Adams, SPE, Eric R Davis, SPE, Richard M Hodge, SPE, Robert C Burton, SPE, Lewis Ledlow, SPE, Alex D Procyk, SPE, and Seth C Crissman, SPE, ConocoPhillips Company

113631-PA

Cement-Slurry Design To Prevent Destabilization of Hydrates in Deepwater Environment
Kris Ravi, Benjamin Iverson, and Seth Moore, Halliburton

110776-PA

Effect of Well Variables on the Performance of Chemical, Jet, and RCT Tubing Cutters
M.S. Jurgens, Shell Exploration and Production Company

112292-PA

Designing Well Fluids for the Ormen Lange Gas Project, Right on the Edge
Stephen Vickers, SPE, Alistair Hutton, SPE, Arne Lund, Baker Hughes; Ian McKay, Cleansorb; Aart Van Kranenburg and Jean Twycross, Norske Shell

116139-PA

Wellbore-Stability Performance of Water-Based Mud Additives
Russell T. Ewy and E. Keith Morton, Chevron Energy Technology

120847-PA

Correlating Flowing Time and Condition For Perforation Plugging By Suspended Particles
Tung V. Tran, Faruk Civan, SPE, University of Oklahoma, and Ian Robb, SPE, Halliburton Services

127514-PA

Use of Ester as a Precursor to Clean Formate Drill-In Fluid Damage in Horizontal Wells
M.B. Alotaibi, SPE, H.A. Nasr-El-Din, SPE, and A.D. Hill, SPE, Texas A&M University

106829-PA

Treatment of Hydrocarbon-Based Drilling Waste Using Supercritical Carbon Dioxide
C.G. Street, SPE, C. Tesche and S.E. Guigard, University of Alberta

110878-PA

Continuous Improvement in Slop-Mud Treatment Technology
K. McCosh, SPE, M. Kapila, and R. Dixit, M-I SWACO, and P. Way and J.S. Phipps, Schlumberger Cambridge Research

111538-PA

Modeling Air and Water Perforator Swell for Better Risk Management
C. Han, Michael H. Du, and Ian C. Walton, SPE, Schlumberger

111637-PA

Microwave Treatment of Oil-Contaminated Drill Cuttings at Pilot Scale
John Robinson, Sam Kingman, and Colin Snape, University of Nottingham; Michael Bradley, University of Greenwich; Steven Bradshaw, University of Stellenbosch; Dominic Thomas, BG Group; and Paul Page, BP Exploration

112084-PA

A Novel Technique for Determining Sand Screen Failure
G. (Guy) Navaira, SPE, Chevron; M.T. (Marty) Hupp and T.T. (Terry) Palisch, SPE, CARBO Ceramics Inc; and Jason J. Renkes, SPE, Patriot Proppants

112629-PA

Investigation of Factors for Strengthening a Wellbore by Propping Fractures
Hong (Max) Wang, SPE, and Mohamed Y. Soliman, SPE, Halliburton; and Brian F. Towler, SPE, University of Wyoming

114829-PA

A New Fracture Model That Includes Load History, Temperature, and Poisson's Effects
Bernt S. Aadnoy, SPE, University of Stavanger, and Mesfin Belayneh, SPE, International Research Institute of Stavanger

Drilling Papers

115930-PA

Measuring Drillpipe Buckling Using Continuous Gyro Challenges Existing Theories
Tore Weltzin, SPE, StatoilHydro ASA; Bjarne Aas, SPE, IRIS; Espen Andreassen, SPE, and Martin Lindland, SPE, StatoilHydro ASA

110700-PA

Surge and Drag Analysis for Extended Reach Casing and Casing Flotation Operations With Centralizers: A Design Challenge?
G. Robello Samuel, Halliburton, and Colin J. Mason, BP Exploration

112630-PA

Improving Hole Quality and Casing-Running Performance in Riserless Top Holes: Deepwater Angola
T.J. Akers, SPE, ExxonMobil Development Company

106562-PA

Application of an Innovative Conveyance Risk Management Methodology for Long or Tortuous Wells
H.C. Castillo, SPE, and P. Wills, Baker Hughes

110708-PA

Case Study: Drillstring Failure Analysis and New Deep-Well Guidelines Lead to Success
David R. Bert, SPE, Chesapeake Energy Corporation, and Anders Storaune, Legend Natural Gas III, L.P., and Nanjiu Zheng, SPE, T H Hill Associates, Inc.

112744-PA

Offshore Field Test of a New System for Model Integrated Closed-Loop Drilling Control
Fionn Iversen, Eric Cayeux, and Erik Wolden Dvergsnes, SPE, and Ragna Ervik, International Research Institute of Stavanger; Morten Welmer, SPE, National Oilwell Varco; and Mohsen Karimi Balov, SPE, StatoilHydro

111874-PA

Drilling Difficult Formations Efficiently With the Use of an Antistall Tool
Knut Sigve Selnes, SPE, StatoilHydro, Carl Clemmensen, SPE, Halliburton, and Nils Reimers, SPE, Tomax

115138-PA

Delivering Steering Success in Problematic Soft-Formation Directional Wells
Steve Barton, Kirk Card, and Garrett Pierce, ReedHycalog

113819-PA

Finite Element Modeling of Casing in Gas-Hydrate-Bearing Sediments
Manoochehr Salehabadi, SPE, Min Jin, Jinhai Yang, Hooman Haghighi, SPE, Rehan Ahmed, and Bahman Tohidi, SPE, Heriot-Watt University

111514-PA

Generalized Hydraulic Calculation Method for Axial Flow of Non-Newtonian Fluids in Eccentric Annuli
Ali Pilehvari, SPE, and Robert Serth, Texas A&M University

113746-PA

Fiber Sweeps for Hole Cleaning
R.M. Ahmed, University of Oklahoma, and N.E. Takach, University of Tulsa

112657-PA

Use of New Hydrostatic Packer Concept To Manage Lost Returns, Well Control, and Cement Placement in Field Operations
Fred E. Dupriest, SPE, ExxonMobil Development Company

112595-PA

Particulate-Based Loss-Prevention Material--The Secrets of Fracture Sealing Revealed!
N. Kaageson-Loe, SPE, M.W. Sanders, SPE, and F. Growcock, SPE, M-I SWACO; K. Taugbøl, SPE, P. Horsrud, SPE, A.V. Singelstad, and T.H. Omland, SPE, StatoilHydro ASA

112701-PA

Cement-Slurry Performance and Set-Cement Properties vs. Microsilica Densification
Fatma Daou and Bernard Piot, Schlumberger

114050-PA

Modeling of an Underbalanced-Drilling Operation Using Supercritical Carbon Dioxide
Faisal Al-Adwani, Kuwait University and Julius Langlinais and Richard Hughes, Louisiana State University

112687-PA

Automatic Measurement of Drilling Fluid and Drill-Cuttings Properties
A. Saasen, SPE, University of Stavanger; T.H. Omland, SPE, StatoilHydro ASA; S. Ekrene, J. Brévière, SPE, and E. Villard, SPE, Geoservices S.A.; N. Kaageson-Loe, SPE, A. Tehrani, SPE, J. Cameron, M. Freeman, SPE, F. Growcock, SPE, A. Patrick, and T. Stock, SPE, M-I SWACO; T. Jørgensen and F. Reinholt, AnaTec A/S; H.E.F. Amundsen and A. Steele, EPX A/S; and G. Meeten, Schlumberger Cambridge Research

Completion Papers**110524-PA**

Completion Design, Installation, and Performance--Cannonball Field, Offshore Trinidad
J.C. Healy, Consultant, and J.T. Powers, M. Maharaj, and M. Ramlogan, BP plc

109824-PA

Completion Design for a Highly Compacting Deepwater Field
Alexander D. Procyk, SPE, David P. Jamieson, SPE, Joe A. Miller, SPE, Robert C. Burton, SPE, and Richard M. Hodge, SPE, ConocoPhillips, and Nobuo Morita, SPE, Waseda University

114629-PA

Parametric Analysis of Stress Reduction in the Cap Rock Above Compacting Reservoirs
Nobuo Morita, Waseda University, and Giin-Fa Fuh, ConocoPhillips Company

110440-PA

Field Implementation of Gravel Packing Horizontal Wells Using a Solids-Free Synthetic Fluid With Alpha-/Beta-Wave Technology
A.F.L. Aragão, A. Calderon, R.F.T. Lomba, J.N.V.C. Moreira, A.N. de Sá, and A.L. Martins, Petrobras, and L. Quintero and E. Moura, Baker Hughes

111778-PA

New Effective-Stress Law for Predicting Perforation Depth at Downhole Conditions
B. Grove, SPE, J. Heiland, SPE, I. Walton, SPE, and D. Atwood, SPE, Schlumberger

130378-PA

Alternative Stimulation Solution in Heavily Karstified Carbonate Reservoirs
Fergus Robinson, SPE, Sarawak Shell Bhd.; Kent C. Folse, SPE, Halliburton Energy Services (M) Sdn. Bhd.; Mark S. Brinsden, SPE, Shell International E&P B.V., and Dominic Wong, SPE, Halliburton Energy Services (M) Sdn. Bhd.)

110675-PA

Using Ultrasonic Techniques to Accurately Examine Seal-Surface-Contact Stress in Premium Connections
Kirk Hamilton, SPE, Brian Wagg, SPE, and Tim Roth, C-FER Technologies

SPE Drill & Compl Vol. 25, No. 1, March 2010**Drilling Papers****119302-PA**

Experimental Study of MSE of a Single PDC Cutter Interacting With Rock Under Simulated Pressurized Conditions
Navid Rafatian, SPE, and Stefan Miska, SPE, University of Tulsa; L.W. Ledgerwood III, SPE, Baker Hughes; Ramadan Ahmed, SPE, Mengjiao Yu, SPE, and Nicholas Takach, SPE, University of Tulsa

112953-PA

From Lean to Extreme-Lean Well Profile: Field Experience in the Mediterranean Sea
A. Calderoni, F. Donati, and P. Ferrara, Eni SpA.; M. Maestrami, Belayim Petroleum Company; and J. Oppelt and S. Krüger, Baker Hughes

116555-PA

A Guide to Successful Backreaming: Real-Time Case Histories
G. Yarim, SPE, G.M. Ritchie, SPE, and R.B. May, SPE, Schlumberger

116364-PA

Entrance Pressure of Oil-Based Mud Into Shale: Effect of Shale, Water Activity, and Mud Properties
Andres M. Oleas, SPE, Collins E. Osuji, SPE, Martin E. Chenevert, SPE, and Mukul M. Sharma, SPE, University of Texas at Austin

116013-PA

Study of the PVT Properties of Gas—Synthetic-Drilling-Fluid Mixtures Applied to Well Control
E.N. Monteiro and P.R. Ribeiro, Unicamp, and R.F.T. Lomba, Petrobras

121742-PA

Design and Development of a Novel Process To Treat Drilling-Fluid Slops: A Positive Environmental and Economic Impact
Rahul Dixit, SPE, and Arvind Patel, SPE, M-I SWACO

117709-PA

An Innovative Methodology for Designing Cement-Sheath Integrity Exposed to Steam Stimulation
A. Garnier and J. Saint-Marc, Total; A.-P. Bois, CurisTec; and Y. Kermanac'h, Total E&P Canada

113090-PA

Evaluation and Optimization of Low-Density Cement: Laboratory Studies and Field Application
A.S. Al-Yami, SPE, Saudi Aramco; H.A. Nasr-El-Din, SPE, Texas A&M University; and A.S. Al-Humaidi, SPE, S.H. Al-Saleh, SPE, and M.K. Al-Arfaj, SPE, Saudi Aramco

99105-PA

Durability of Oilwell Cement Formulations Aged in H₂S-Containing Fluids
E. Lécolier, A. Rivereau, N. Ferrer, A. Audibert, and X. Longygue, Institut Français du Pétrole (IFP)

118806-PA

Use of Liner Drilling Technology as a Solution to Hole Instability and Loss Intervals: A Case Study Offshore Indonesia
Liao Jianhua, SPE, Zhao Chao, SPE, and Li Jinxiang, SPE, CNOOC SES, and Steve Rosenberg, SPE, Keith Hillis, SPE, Budi Utama, and Deepak M. Gala, SPE, Weatherford International

116335-PA

Under-Rig-Floor Openhole Logging in the Gulf of Thailand--Engineering Design of the Oil Industry's First Simultaneous Openhole Wireline Logging and Drilling Operation
Eric R. Upchurch and Kyle S. Graves, Chevron International Exploration and Production

Completion Papers**98277-PA**

Case Study of Multiple-Hydraulic-Fracture Completion in a Subsea Horizontal Well, Campos Basin
L.F. Neumann, SPE, P.D. Fernandes, SPE, M.A. Rosolen, SPE, V.F. Rodrigues, SPE, J.A. Silva Neto, SPE, and C.A. Pedroso, SPE, Petrobras; A. Mendez, SPE, BJ Services; and D. Torres, SPE, Halliburton)

116434-PA

Successful Implementation of Horizontal Openhole Gravel Packing in the Stybarrow Field, Offshore Western Australia
Ralf Napalowski, Robin Hill, and Robert Stomp, BHP Billiton Petroleum; Egil Fagervik, Baker Oil Tools; Edward Derkach, M-I SWACO; and David Manning, VRMT International

115546-PA

Erosion Study for a 400-MMcf/D Completion: Cannonball Field, Offshore Trinidad
J.C. Healy, Consultant; John Martin, BP plc; Brenton McLaury, University of Tulsa; and Raynald Jagroop, BP Trinidad and Tobago

Geomechanics and Wellbore Stability

116633-PA

An Integrated Geomechanical and Passive Sand-Control Approach to Minimizing Sanding Risk From Openhole and Cased-and-Perforated Wells

Khalil Rahman, SPE, Abbas Khaksar, SPE, and Toby Kayes, SPE, Baker RDS)

108108-PA

Stress-Corrosion Cracking as an Alternative Time-Dependent Shale-Stability Model

N. Park, GeoMechanics International; J.E. Olson and J. Holder, The University of Texas at Austin

78160-PA

Shale Swelling, Osmosis, and Acoustic Changes Measured Under Simulated Downhole Conditions

R.T. Ewy, SPE/ISRM, Chevron Energy Technology, and R.J. Stankovic, RSTD

130377-PA

Real-Time Downhole Monitoring and Logging Reduced Mud Loss Drastically for High-Pressure Gas Wells in Tarim Basin, China

Wang ShunChang, Jiang YiMing, Zheng ChunJiang, and Wu BaiLin, SPE, Schlumberger; Zheng XinQuan, Tang JiPing, and Yu JinHai, PetroChina; and Fan HongHai, Petroleum University of China

Completions

116474-PA

Completion Design for Sandface Monitoring in Subsea Wells

S. Mackay, SPE, J. Lovell, SPE, D. Patel, SPE, F. Cens, SPE, and S. Escanero, SPE, Schlumberger

116541-PA

Challenges in Completing Long Horizontal Wells Selectively

Imran Abbasy, SPE, Santos Limited; Barry Ritchie, SPE, Michael Pitts, SPE, Brendan White, SPE, Maersk Oil Qatar; and M. Rushdan Jaafar, SPE, Qatar

112624-PA

Analysis of Control Lines Strapped to Tubing

Robert F. Mitchell, Halliburton; S.T. Ellis, SPE, G. Siappas, SPE, and A. Colyer, SPE, Chevron

Directional Surveying

113206-PA

Magnetic Shielding During MWD Azimuth Measurements and Wellbore Positioning

P.A. Amundsen, SPE, University of Stavanger; S. Ding, POSTEC; B.K. Datta, Aker Kværner Subsea; T. Torkildsen, SPE, SINTEF Petroleum Research; and A. Saasen, SPE, University of Stavanger

116155-PA

A New Look at Wellbore-Collision Probability

Andrew G. Brooks, Baker Hughes

119851-PA

Confidence Limits Associated With Values of the Earth's Magnetic Field Used for Directional Drilling

Susan Macmillan, British Geological Survey, and Steve Grindrod, SPE, Copegrove Developments

General Drilling

118378-PA

Under-Rig-Floor Openhole Logging in the Gulf of Thailand: Operational Implementation of the Oil Industry's First Simultaneous Openhole Wireline Logging and Drilling Operation

Eric R. Upchurch and Thaveesub Laoamornpanich, Chevron International Exploration and Production

110040-PA

Different Methods To Avoid Annular Pressure Buildup by Appropriate Engineered Sealant and Applying Best Practices (Cementing and Drilling)

Farzad Tahmourpour, Halliburton Canada; Khaled Hashki, Halliburton UAE; and Hassan Hassan, ADCO

109754-PA

An Optimized Method To Remove Filter Cake Formed by Formate-Based Drill-In Fluid in Extended-Reach Wells
M.B. Alotaibi, SPE, Texas A&M University; H.A. Nasr-El-Din, SPE, Texas A&M University; A.D. Hill, SPE, Texas A&M University; and A.M. Al Moajil, SPE, Saudi Aramco

119625-PA

Maintaining Steerability While Extending Gauge Length To Manage Whirl
Fred E. Dupriest, SPE, and Steven F. Sowers, SPE, ExxonMobil

SPE Drill & Compl Vol. 25, No. 3, September 2010

Deepwater

115019-PA

Validation of Blowout-Rate Calculations for Subsea Wells
P. Oudemans, SPE, Shell International Exploration and Production

138228-PA

A USD 100 Million "Rock": Bitumen in the Deepwater Gulf of Mexico
Gang Han, Jerry Osmond, and Michael Zambonini, Hess Corporation

123155-PA

An Alternative Method of Dealing With Pressure: Friction Reducer for Water Packing of Long Horizontal Open Holes in Low-Fracturing-Gradient Environments
B. Baser, S. Shenoy, B. Gadiyar, S. Jain, and M. Parlar, SPE, Schlumberger

Cementing/Zonal Isolation

121555-PA

Self-Healing Cements That Heal Without Dependence on Fluid Contact: A Laboratory Study
B.R. Reddy, SPE, Feng Liang, SPE, and Rocky Fitzgerald, Halliburton

97347-PA

Laboratory and Field Validation of a Sealant System for Critical Plug-and-Abandon Applications
A.C.G. Nagelhout, Well Engineering Partners B.V.; M.G.R. Bosma, P.J. Mul, G.G. Krol, J.F.G. van Velzen, and J.S. Joldersma, NAM; and S.G. James, B. Dargaud, G.J.R. Schreuder, and F. Théry, Schlumberger

114812-PA

Effect of HCl Acid and Brines on Water-Swelling Packers
A.S. Al-Yami, SPE, Saudi Aramco; H.A. Nasr-El-Din, SPE, Texas A&M University; A.S. Al-Humaidi, SPE, M.K. Al-Arfaj, SPE, and S.H. Al-Saleh, SPE, Saudi Aramco

114246-PA

Characteristics of Oilwell Cement Slurry Using CMC
H. Roshan, SPE, University of New South Wales, and M.R. Asef, SPE, Tarbiat Moallem University

General Drilling and Completions

119442-PA

Control Requirements for Automatic Managed Pressure Drilling System
John-Morten Godhavn, SPE, Statoil ASA

119777-PA

Drilling At The Limit--Can Your Top Drive Handle It?
Eric Deutsch, WEST Engineering Services

116300-PA

Experimental Study and Modeling of Cuttings Transport Using Foam With Drillpipe Rotation
Mingqin Duan, Chevron North America E&P Company; Stefan Miska, Mengjiao Yu, and Nicholas Takach, University of Tulsa; Ramadan Ahmed, University of Oklahoma; and John Hallman, Weatherford International

119459-PA

A New Well-PA

th Design Using Clothoid Spiral (Curvature Bridging) for Ultra-Extended-Reach Drilling
Robello Samuel, Halliburton

122817-PA

Hydrajet Testing Under Deep-Well Conditions Points to New Requirements for Hard-Rock Perforating
Jim B. Surjaatmadja, Andrew Bailey, and Silverio Sierra, Halliburton

118802-PA

Electrical Resistivity and Permittivity Measurements of Oil Base Muds in the Frequency Range from 1 MHz to 100 MHz

Parimal A. Patil, Clausthal University of Technology; Matthias Gorek, Martin Folberth, Andreas Hartmann, Stan Forgang, Christian Fulda, Baker Hughes; and Kurt M. Reinicke, Clausthal University of Technology, Germany

111742-PA

A Design Strength Equation for Collapse of Expanded OCTG
Frans J. Klever, SPE, Shell International E&P

SPE Drill & Compl Vol. 25, No. 4, December 2010**General Drilling****119884-PA**

Drilling Automation: Technologies, Terminology, and Parallels With Other Industries
John Thorogood, Walt Aldred, Fred Florence, and Fionn Iversen

SPE 122079-PA

Cementing Casing Strings Across Salt Zones: An Overview of Global Best Practices
Bill Hunter, Farzad Tahmourpour, and Ronnie Faul

133417-PA

High-Integrity Wellbore Surveying

Roger Ekseth, Torgeir Torkildsen, Andrew Brooks, John Weston, Erik Nyrnes, Harry Wilson, and Kazimir Kovalenko

128933-PA

Multiwell Thermal Interaction: Predicting Wellbore and Formation Temperatures for Closely Spaced Wells
Albert R. McSpadden and Oliver D. Coker III

139426-PA

Managing Drilling Vibrations Through BHA Design Optimization
J.R. Bailey and S.M. Remmert

119287-PA

Probabilistic Well-Time Estimation Revisited
A.J. Adams, C. Gibson, and R. Smith

Wellbore Stability, Geomechanics, and Drilling Fluids**119748-PA**

Case History: Successful Wellbore Strengthening Approach in a Depleted and Highly Unconsolidated Sand in Deepwater Gulf of Mexico
Darryl Fett, Frederic Martin, Claude Dardeau, Joel Rignol, Saddok Benaissa, Jose Adachi, and Jorge Pastor

114130-PA

Quantitative Analysis of Mud Losses in Naturally Fractured Reservoirs: The Effect of Rheology
R. Majidi, S.Z. Miska, M. Yu, L.G. Thompson, and J. Zhang

124464-PA

Wellbore-Instability Predictions Within the Cretaceous Mudstones, Clair Field, West of Shetlands
R. Narayanasamy, D. Barr, and A. Milne

123651-PA

A Comprehensive Modeling Analysis of Borehole Stability and Production-Liner Deformation for Inclined/Horizontal Wells Completed in a Highly Compacting Chalk Formation
K. Furui, G.-F. Fuh, N. Abdelmalek, and N. Morita

119509-PA

Sixty Days Ahead of Schedule: Reducing Drilling Risk at Valhall Using Computational Geomechanics
Tron Golder Kristiansen and Roar Egil Flatebø

Hydraulic Fracturing**125250-PA**

A Crosslinkable Synthetic-Polymer System for High-Temperature Hydraulic-Fracturing Applications
Jeremy Holtsclaw and Gary P. Funkhouser

Managed-Pressure Drilling**119964-PA**

Managed-Pressure Drilling Using a Parasite Aerating String
Zimuzor Okafor, Shannon Higgins-Borchardt, Goke Akinniranye, Tom Bratton, Ricardo Avila, and Danny Boone

124054-PA

Improved Kick Management During MPD by Real-Time Pore-Pressure Estimation
Jan Einar Gravdal, Michael Nikolaou, Øyvind Breyholtz, and Liv A. Carlsen

SPE Papers are available from [OnePetro](#)
For the most current journal issue, visit [SPE Drilling & Completion online](#)