



2002

MERITORIOUS
AWARDS
FOR ENGINEERING
INNOVATION



2002

Engineering Innovation

Judges choose top 12 industry projects

Hart's *E&P* editors and staff proudly present the winners of the prestigious 2002 Special Meritorious Awards for Engineering Innovation.

The pages that follow spotlight the 12 awards the judges picked as best of the 2002 crop of entries. The winners reached across a broad range of disciplines and addressed a number of problems that posed roadblocks to efficient production. The resulting technologies opened new and better avenues to the complicated process of finding and producing hydrocarbons around the world.

This year, some of the brightest minds in the industry from service and operating companies submitted a record number of entries representing better technology and new techniques for judges to consider. The number of entries surpassed the previous year's by 31%.

The award program honors engineering excellence and achievement in every segment of the petroleum industry. It recognizes new products and technologies that offer innovation in concept, design and application. Winning entries represent techniques and technologies that are most likely to solve costly problems and improve exploration, drilling and production efficiency and profitability.

The people and companies that submitted the entries realize the oil- and gas-producing industry depends on new, better and constantly changing technological innovation to continue producing low-cost oil and gas from smaller and smaller reservoirs to feed an increasingly energy-hungry world.

Contest judges chose the winners, but there were no losers in this contest. The products chosen represented the best of a long list of winners.

The expert panel of judges included engineers and engineering managers from operating, drilling, service and consulting companies worldwide. They applied their expertise in areas in which they were familiar, and judges were excluded from categories in which they or their companies had a business interest.

Hart's E&P would like to thank these distinguished judges for their efforts in selecting the winners in this year's competition.

As in past years, *Hart's E&P* will present the 2002 awards at the Offshore Technology Conference in Houston, Texas, May 6.

The magazine would like to break this year's record in next year's contest. Individuals, companies and countries are working around the clock on new technology that will improve the industry's efficiency, and those efforts should get the public attention they deserve.

An entry form for the 2003 Special Meritorious Awards for Engineering Innovation contest is available at the magazine Web site at www.eandpnet.com.

Every year, the magazine receives requests from people trying to submit late entries to the contest. An early submission avoids that last-minute rush that could force an entry that doesn't do justice to the project. The deadline for entries is Dec. 2, 2002.



2002

Winners

Colt Coiled Tubing Bottom Hole Assembly
AnTech Ltd.

Drillworks/Basin
Knowledge Systems Inc.

Enhanced Landing String Assembly
Expro Group

Express Expandable Sand Control Screen
Baker Oil Tools

Hydraulic Rack Jack System
Cudd Pressure Control Inc.

InCharge Intelligent Well System
Baker Oil Tools

OB-1
(Oil-Based Mud – Formation Electrical Imager)
Baker Atlas

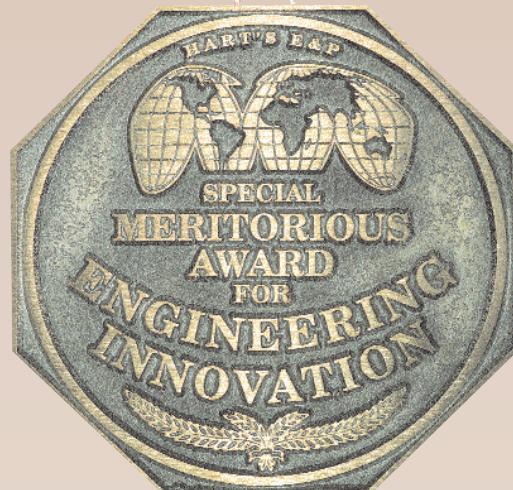
PeneDrill Radial Drilling Tool
Penetrators Canada Inc.

Subsea MudLift Drilling (SMD) System
SMD JIP (c/o Conoco Inc.)

Ultra Low-Density LiteCrete
Schlumberger

Wireline Retrievable Flow Control - Electric (WRFC-E) Valve
Schlumberger

Near Bit Reamer (NBR)
Halliburton Security DBS



2002

Judges

Kenneth Arnold
Paragon Engineering
Services Inc.

David Beard
Noble Drilling Services

David Burnett
Texas A&M University

Wayne Bywater
CalDive International Inc.

Donald Duttlinger
Petroleum Technology
Transfer Council

Lawrence Edelblum
Mustang Engineering Inc.

Bev Edwards
Vanco Energy Co.

Richard Ellis
Mullen Energy Corp.

Brian Evans
BJ Services Co.

Dick Ghiselin
OneOffshore Inc.

David Hebert
Osca Inc.

Dave Huber
Mariner Energy

George King
BP Amoco

Fikri Kuchuk
Schlumberger Oilfield Services

Jim Lea
Texas Tech University

Peter Lovie
American Shuttle Tankers

Mari Mes
Starbright Engineering

Keith Millheim
Anadarko Petroleum Corp.

David Murphy
Shell Technology E&P

Ken Newman
CTES LC

John Norman
Tesco Corp.

Giovanni Paccaloni
ENI Agip

John Pohlman
Pohlman International Inc.

Mark Rheinlander
Quality Tubing

Jerome Schubert
Texas A&M University

Lanny Shoeling
Shell Exploration &
Production Co.

Bill Stringfellow
Glastek

John Thorogood
BP Amoco Faeroes Ltd.

John Toups
Westport Technology Center
International

Dick Vennett
Materials Technology
Consultants

Richard Ward
Cambridge Energy Research
Associates

Doug White
Phillips Petroleum Co.

Nick Wiltgen
Holditch Reservoir
Technologies

Buddy Woodroof
Protechnics