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# FINALISTS ///

# World Oil Awards 2021 Finalists

## **Best Completion Technology Award**

- JumpStart AccessESP
- 15k MultiStage Frac System Baker Hughes
- SUSTAIN<sup>™</sup> Biosurfactants Locus Bio-Energy Solutions
- Dual-Fracturing Stimulation Service Schlumberger

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- iComplete<sup>™</sup> TechnipFMC
- Welltec<sup>®</sup> Annular Isolation (WAI) Welltec

#### **Best Data Management and Application Solution Award**

- ABS Remote Survey ABS
- engageSubsea **Baker Hughes**
- Advanced ESP Predictive Failure Analytics Baker Hughes
- Advanced Rock Typing (ART<sup>™</sup>) Core Laboratories
- Product Data Cloud Validere
- CygNet<sup>™</sup> Weatherford

#### **Best Deepwater Technology Award**

- Riserless Well Intervention System (RWIS) Expro
- iCruise<sup>®</sup> Intelligent Rotary Steerable System (RSS) with Cruise Control<sup>™</sup> Halliburton
- Annular Protector Tool (APT) Hess
- Deposition In-Line Inspection (DILI) ROSCOLE Ltd.
- Subsea production increase via DRA Safe Marine Transfer, LLC

#### **Best Digital Transformation Award**

- BEACON<sup>™</sup> Remote Operations Digital **Baker Hughes**
- SmartFleet<sup>™</sup> Intelligent Fracturing System Halliburton
- LOGIX<sup>™</sup> Automated Drilling Solution Halliburton
- Kognitwin<sup>®</sup> Energy Kongsberg Digital
- Alpha LNG **PETRONAS**
- First CCUS and EOR Intelligent Field Project Saudi Aramco

#### **Best Drilling Technology Award**

- Lucida<sup>™</sup> advanced rotary steerable service **Baker Hughes**
- Cat<sup>®</sup> G3512 & Energy Storage Solution (ESS) **Caterpillar**
- Quest<sup>™</sup> Gyro while Drilling (GWD) **Gyrodata**
- NitroForce<sup>®</sup> High-Torque, High-Flow Motor Halliburton
- Automated Well Control Safe Influx Ltd
- "Indestructible" Drill Bit Cutter Technology Saudi Aramco

#### **Best EOR Technology**

- AquaCUT<sup>™</sup> Relative Permeability Modifier **Baker Hughes**
- Emulsion Viscosity Reducer (EVR) technology ChampionX
- Organic Oil Recovery Hunting PLC
- Zero-Flaring Invention to Boost Production from Low-Pressure Oil Wells and Revival of Dead Wells Saudi Aramco
- Excelceor<sup>™</sup> technology ChampionX

#### **Best Exploration Technology Award**

- EarthStar<sup>®</sup> 3D Ultra-Deep Resistivity Service Halliburton
- Scalable Earth Modeling, a Decision365<sup>®</sup> cloud application **Halliburton Landmark**
- Remotely Operated Survey (ROS) Oceaneering
- Multi-purpose use of near-bit vibration tool: from better seismic-while drilling to optimized drilling to synthetics logs **Saudi Aramco**
- Deep Transient Testing on Wireline Schlumberger
- MagniSphere High-Definition NMR Logging-While-Drilling Service Schlumberger

#### **Best Oil Fluids and Chemicals Award**

- FullSweet Multi-phase H2S Scavenger Baker Hughes
- Hydros<sup>™</sup> **Newpark**
- Dual Function Demulsifier (DFD) PETRONAS
- Non-acidic multifunctional iron sulfide scale dissolver Saudi Aramco
- EXO-STORM Saudi Aramco
- OpenPath Sequence Diversion Stimulation Service Schlumberger
- VeraTherm High-Temperature Water-Based Drilling Fluid Schlumberger

#### **Best Outreach Program**

- Energy Conservation Camp Consumer Energy Education Foundation
- Women's Energy Network Houston
- Saudi Aramco and the Art of Safety Saudi Aramco

### **Best Production Technology Award**

- Cat<sup>®</sup> Mobile Gas Power Caterpillar
- AFFIRMED<sup>™</sup> PowerFit ESP Motor **ChampionX**
- SPEEDFREQ Extract Production Services
- X-Tend<sup>™</sup> Acid Stimulation Service **Halliburton**
- AICV<sup>®</sup> InFlowControl AS
- iProduction<sup>™</sup> **TechnipFMC**
- ForeSite<sup>®</sup> Platform Weatherford

#### **Best Water Management Technology Award**

- Diamondback Energy Produced Water Recycling Project Hdyrozonix
- Transition<sup>™</sup> **Newpark**
- Dry-Flo<sup>®</sup> Paradigm Group BV
- Effective Completion Strategies and Rigless Approaches for Improved Water Management and Production Enhancement **Saudi Aramco**
- Field-Scale Acoustic Oil-Water-Fines Separation for Sustainable Produced Water Management Saudi Aramco

## Best Well Integrity Technology Award

- Octopoda<sup>™</sup> **Expro**
- BRUTE<sup>®</sup> 22" Service Packer **Frank's International**
- Dual string barrier evaluation Schlumberger and Equinor
- KOP<sup>™</sup> AM-20 Series Gate Valve **SPM Oil & Gas**
- Vero<sup>®</sup> Automated Connection Integrity System Weatherford

#### **Best Well Intervention Award**

- PlugCemWiz<sup>™</sup> **Baker Hughes**
- CoilHose Light Well Circulation System Expro
- SPECTRUM<sup>®</sup> e-MLT Halliburton
- Q7000 Integrated Subsea Well Intervention package Helix Energy Solutions Group
- ReSOLVE iX Service Slot Cutter Schlumberger
- Firma<sup>™</sup> Slot Recovery and Abandonment Solutions Weatherford

#### Health, Safety, Environment/Sustainable Development Offshore Award

- DrillCERT<sup>™</sup> Baker Hughes
- Well Integrity Check Exedra AS
- Spring ARK Anti-Rotation Key Frank's International
- Tuned<sup>®</sup> Defense E cement spacer **Halliburton**
- A Novel IoT-based Method for Real-time Detection of Spontaneous Leaks in Pipelines, Gathering Systems, and Offshore Risers **Siemens Energy**

#### Health, Safety, Environment/Sustainable Development Onshore Award

- New Fully Automated Well Head Batch Treatment Solution Baker Hughes
- ChampionX onshore sustainability technologies ChampionX
- Project Green Desert Clariant

- Beyond Zero Routine Flaring Saudi Aramco
- Intra LUBE Encapsulated Lubricant Schlumberger
- Improving GHG Footprint impact of SAGD operations using ELEVATE<sup>™</sup> additives **Dow and Conoco**

# Innovative Thinker Award (Individual)

- Anuj Gupta Aramco Research Center
- Doug Patterson **Baker Hughes**
- Dr. Abdulaziz S. Al-Qasim Saudi Aramco
- Vidar Mathiesen InFlowControl AS
- Guodong "David" Zhan Saudi Aramco
- Subhash Ayirala Saudi Aramco

# Lifetime Achievement Award

- Paul White Baker Hughes
- Jerry Weers Baker Hughes
- Sunil Kokal Saudi Aramco
- Saad M. Al-Driweesh Saudi Aramco
- Dr. Eric Maidla Honorary Consul of the Republic of Estonia in Texas
- Dr. Donald Paul The University of Southern California

# New Horizons Idea Award

- ALCHEMIA<sup>™</sup> contaminant removal solution **Baker Hughes**
- DecisionSpace<sup>®</sup> 365 Essentials **Halliburton Landmark**
- Quantum RF\* Vision MicroSilicon
- FloTrac<sup>™</sup> Ultrahigh-resolution nanoparticle tracer **QuantumPro, Inc.**
- Optiq Seismic fiber-optic borehole seismic solution Schlumberger
- Mobile Offshore Wind Units (MOWUs) and WindGrid<sup>™</sup> Siemens Energy