Upwing Energy to Present Paper on Protector-less Downhole Rotating Technology at SPE Gulf Coast Section Electric Submersible Pumps Symposium

Upwing Energy, an artificial lift technology company, announced today that Vice President of Engineering Kuo-Chiang Chen will present at the SPE Gulf Coast Section Electric Submersible Pumps Symposium in The Woodlands, Texas on May 15.

CERRITOS, Calif. (PRWEB) April 30, 2019 -- Upwing Energy, an artificial lift technology company, announced today that Vice President of Engineering Kuo-Chiang Chen will present at the SPE Gulf Coast Section Electric Submersible Pumps Symposium in The Woodlands, Texas on May 15.

The paper will describe a new protector-less technology that provides reliable operation for downhole artificial lift devices, such as Electric Submersible Pumps (ESP), without a motor protector. Co-authors are Upwing’s Chief Technical Officer Patrick McMullen, Project Director David Biddick, Senior Reservoir Engineer Lukasz Nader and Senior Controls Engineer III Chris Sellers.

“Upwing’s new protector-less artificial lift technology arranges several magnetic technology building blocks in a novel way to protect the electric motor in the downhole environment,” said Herman Artinian, President and CEO of Upwing Energy. “This new technology will take the reliability of the ESP to the next level, increase the run life and extend the operating range in extreme environments.”

This innovative technology has been successfully implemented in Upwing’s Subsurface Compressor System™ (SCS) and is directly transferable to ESPs. A brand-new topology without the motor protector will be shown during the presentation to eliminate key failure modes of the protector components, including face seals, motor oil, pressure compensation system and mechanical bearings.

“Removing the protector section of a conventional ESP system has been a top desire of the artificial lift industry,” said Chen. “Upwing’s protector-less technology not only enhances the reliability of ESPs, but also reduces the part count and cost of conventional ESP systems.”

In addition to the paper presentation, Upwing Energy will also be showcasing its SCS for gas wells and its Magnetic Drive System™ (MDS) for oil wells at booth # 27 - 28. A preview of Upwing’s artificial lift technologies is available at www.upwingenergy.com/SPEESP.

The SPE Symposium brings together ESP technical experts from around the world to share innovative information pertaining to ESP technology, production and operations. For more information, visit https://bit.ly/2CaJmrd.

For a high-resolution image, visit: https://www.dropbox.com/sh/8mhxinye7ky9ly/AAAQXTSCcmQ0sk9El1gAjeZja?dl=0

(Photo Caption: Upwing Subsurface Compressor System™ (SCS))

About Upwing Energy
Upwing Energy, Inc. ("Upwing"), headquartered in Cerritos, Calif., provides the most reliable, available and retrievable artificial lift technology that increases the production and recovery of hydrocarbons from conventional and unconventional wells. The company is an innovative offshoot of parent company Calnetix Technologies, which is a recognized leader in high-speed rotating systems for a wide variety of industries. For more information, please visit www.upwingenergy.com.

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