

US Seismic Systems® Completes First Hydraulic Clamp Test in Devine, Texas

Chatsworth, CA, (October 29, 2014) – US Seismic Systems, Inc., an Acorn Energy, Inc. company (NASDAQ: ACFN) announced today it has successfully completed the first stage testing of its high fidelity, high temperature, hydraulic clamp system. The initial test, conducted at the University of Texas, Devine test site will be followed by a high temperature test next month.

“This recent field test of our all new hydraulic clamp system is another important milestone for USSI. Our previous pneumatic clamping system provided superior performance in testing and was an integral component in our sensor shootout win conducted by ConocoPhillips last year. However, at the customer request a hydraulic clamp was designed that would exhibit the same qualities as our pneumatic clamp system. The new system operating as a self-contained unit is now fully compatible with real world oilfield operations,” stated Mark Bashforth, President & CEO US Seismic.

“A high performance clamp system is essential in exploiting the full capability of our sensor system,” concluded Bashforth.

USSI is currently exhibiting the latest version of its Optiphone HD™ fiber optic geophone and its wireline clamping system at the Society of Exploration Geophysicists Annual Meeting, **Booth 2454**.

About US Seismic Systems, Inc.

US Seismic Systems, Inc. (“USSI”), designs, integrates, manufactures, and sells fiber optic sensing systems and solutions for the Oil & Gas markets. USSI utilizes all-optical fiber sensing technology for its state-of-the-art sensors. USSI’s proprietary optical fiber and electronics combine to form the sensor system. It is designed to replace the legacy electronic-based sensor systems with improved performance and reliability. For more information visit the USSI website www.us-si.com.

About Acorn Energy, Inc.

Acorn Energy, Inc. is a holding company whose four portfolio companies help their customers achieve greater productivity, reliability, security, and efficiency—factors which can lead to greater profitability. GridSense® provides monitoring for all critical points along the electricity delivery system. OmniMetrix® remotely monitors emergency back-up power generation systems to increase their reliability. US Seismic Systems® supplies fiber optic sensing solutions to increase oil/gas production and lower costs. DSIT provides security solutions from underwater threats to naval and marine based energy assets. For more information visit: <http://www.acornenergy.com>.

Safe Harbor Statement

This press release includes forward-looking statements, which are subject to risks and uncertainties. There is no assurance that Acorn Energy, Inc. or its operating companies will continue to grow their respective businesses, or that any of them will meet the expectations or execute the initiatives described or referred to above. A complete discussion of the risks and uncertainties which may affect Acorn Energy's business generally and the businesses of its subsidiaries is included in "Risk Factors" in the Company's most recent Annual Report on Form 10-K as filed by the Company with the Securities and Exchange Commission.

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