

US Seismic Systems® Completes Fracture Monitoring Project in Texas

Chatsworth, CA, (October 27, 2014) – US Seismic Systems, Inc., an Acorn Energy, Inc. company (NASDAQ: ACFN) announced today that in partnership with a European oil and gas multinational and a US exploration and production company it has successfully completed a two week long hydraulic fracture monitoring project. The project which took place in Texas was at the behest of the European multinational who wanted to assess the capabilities of the USSI technology during an actual frac job.

“This field deployment is another success for USSI, validating six years of intense development of our technology by deploying it into a production setting. Our previous efforts and the lessons learned all contributed to this recent successful deployment,” stated Mark Bashforth, President & CEO of US Seismic.

“Being able to successfully deploy with reliability in the oil and gas industry is of the utmost importance in the minds of both customers and prospective strategic partners,” 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.

Company Contact:
F. Kent Leacock,
VP Corporate Affairs
US Seismic Systems
(925) 698-1431
kleacock@us-si.com