



## ecorpStim praises UN Water and Energy Report and announces collaboration with Rice University to advance waterless shale stimulation technologies

Houston, March 24<sup>th</sup> 2014 - **eCORP Stimulation Technologies, LLC (ecorpStim) applauds the awareness of issues generated by the recently released UN “Water and Energy” Report<sup>1</sup>. This important UN report highlights risks and rewards residing at the “Water-Energy Nexus”. ecorpStim waterless shale stimulation technologies completely obviate the water consumption risks at this nexus in that zero water and chemicals are used to stimulate shale production.**

Related to furthering the efficacy and deployment of these non-aqueous shale stimulation technologies, ecorpStim is pleased to announce today the establishment of a collaboration between ecorpStim Labs and scientists at Rice University in Houston, Texas, to advance the optimization of non-flammable propane chemistry, manufacturing, operations and cost.

John Francis Thrash, M.D, ecorpStim CEO, stated that *“A profound and durable planetary reward via the safe extraction of shale hydrocarbons from their source rocks has unquestionably been established by the extraordinary outcomes of the North American shale phenomenon: A roll back in the U.S. to 1992 levels of CO2 emissions, with a reduction of 400 million metric tons during the last five years, is the result of switching just one-third of U.S. coal-fired electric generation to natural gas. This exceptional environmental benefit has come alongside dramatic reductions in consumer energy costs as well. ecorpStim technologies will allow the continued harvest of the shale bounties known to exist on all continents of the world without detrimental impact or diminishment of our fresh water supplies.”*

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**About eCORP Stimulation Technologies, LLC** - The company ecorpStim (eCORP Stimulation Technologies, LLC) was created in 2012 to provide European countries, as well as those with limited water resources, with alternatives to hydraulic fracturing, based on pure home grade propane and without the use of chemicals, or on heptafluoropropane (in the case of NFP Stimulation). [www.ecorpstim.com](http://www.ecorpstim.com)

**About eCORP International, LLC** - Founded in 1978, eCORP and its predecessor companies have extensive oil and gas experience including underground natural gas storage, natural gas transportation, enhanced oil recovery in conventional reservoirs using propane and butane, exploration for and production of conventional and unconventional (shale) reservoirs, electric power generation and marketing of electricity and gas. The company was an early mover in the Marcellus play in Pennsylvania and New York, USA and recognized its potential while developing its highly acclaimed Stagecoach Storage project in New York. The company has acquired multi-million prospective acreage positions internationally. The company's highly experienced management team expects to apply its broad background in hydrocarbon based development in deploying its field services fleet and related technologies in Europe, and globally, to develop its own portfolio, as well as selling its services to third parties as a standalone business unit. Stimulating with pure liquid propane, or heptafluoropropane, with low-density proppants provides an excellent vehicle for the company to introduce an environmentally sensitive technology to allay concerns about excessive usage of fresh

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<sup>1</sup> [unesdoc.unesco.org/images/0022/002257/225741E.pdf](http://unesdoc.unesco.org/images/0022/002257/225741E.pdf)

water and potential aquifer contamination as the process uses no water and propane is a gas at ambient pressure and temperature. [www.ecorpintl.com](http://www.ecorpintl.com)

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