

# LEAP

LEADERS IN ENERGY AND PRESERVATION



## PROSPECTUS 2015 – 2016

Advancing Historic and  
Cultural Resource Preservation

+

Efficient Energy Exploration



## MISSION

LEAP's mission is to work collaboratively and pragmatically with both the energy industry and the preservation community to assist in the identification and proper management of historic and cultural resources while encouraging efficient exploration and development of energy reserves. We seek to devise, exchange, and help implement voluntary practices that facilitate development, manage risk, and yield positive outcomes for historic and cultural resources and the communities that value them.

### We welcome involvement from energy companies:

- Shale gas producers
- Oil companies
- Upstream, midstream, and downstream operations
- Utilities and transmission providers
- Renewable energy developers

### And the preservation community:

- Local, statewide, and national NGOs
- Cultural resource management consultants
- Professional associations of historians, archaeologists, and architects



## THE NEED

Energy development is occurring with great speed and urgency in the U.S. and abroad. In the nine active shale plays in the U.S. alone, the Society for American Archaeology has estimated that 200,000 archaeological sites could be in the path of development, posing risks for energy companies and for the preservation community that wishes to learn from these sites. The vast majority of these sites have not been identified on maps and many likely contain human remains.

### **“Gas Wells Threatening Region’s Archaeological Sites”**

—Herald-Standard, February 11, 2014

### **“Gas Firm to Pay for Bulldozed Logan County Cemetery”**

—West Virginia Gazette, October 17, 2012

### **“Pipeline vs. preservation: Spectra route’s path through landmark sites ‘baffling,’ say stewards”**

—C-Ville.com, July 16, 2014

### **“Native American burials...cited as reason to deny gas pipeline in Lancaster County”**

—Lancaster Online, August 4, 2014

### **“Shale Gas Boom Closes Historic Bridge”**

—The Columbus Dispatch,  
October 4, 2013



## OUR APPROACH



LEAP has convened four working groups to develop a set of voluntary practices that energy companies can adopt to manage risk to their operations and to protect significant historic and cultural resources. Our voluntary practices are designed to give companies better information on which to base their decisions and to be fully integrated into business practices, yielding efficiencies and cost-savings over time.

### Our approach includes:

- A GIS-based screening tool that will put in one place all available data about known archaeological sites, historic properties, and cemeteries, and then use a predictive model to assess whether areas slated for development are high risk, medium risk, or low risk
- A significance model to help companies determine whether a particular site in the path of development is significant enough to warrant avoidance
- A user manual to guide implementation of the approach and to advise field workers on chance finds



## ADVANTAGES OF VOLUNTARY PRACTICES

LEAP's voluntary practices provide energy developers the opportunity to:

- Manage risk (to social license, public relations, and legal liability if human remains are involved) with an efficient approach supported by the preservation community;
- Benchmark across the industry and improve practices through information exchange over time;
- Generate community goodwill and demonstrate leadership through corporate social responsibility; and
- Raise awareness of the culture and history of the communities in which companies work.

LEAP's voluntary practices offer the preservation community the opportunity to:

- Recommend avoidance, minimization, or mitigation of development impacts to significant sites;
- Identify previously unknown historic and archaeological resources;
- Innovate preservation practice beyond the regulatory model by working with energy companies in a collaborative, mutually beneficial way; and
- Raise public awareness of the value of cultural and historic resources to improve our knowledge of the past.



## IN THE NEWS

### **“Pittsburgh to host first summit partnering energy and cultural preservation”**

—Pittsburgh Business Times, March 5, 2014

“I thought this was the perfect opportunity to show that the development of domestic energy and preservation of cultural heritage can coexist,” said Mark Boling, president of V+ Development Solutions at Southwestern Energy.

### **“Bridging the GAPP: Energy industry/preservation officials come together”**

—Herald Standard, March 10, 2014

“Representatives of the energy industry and preservation community are combining resources to identify and manage historic and cultural sites, including archaeological, that could be impacted by shale gas development.”

### **“The Converging Roads to Energy Independence and Heritage Preservation”**

—Preservation Leadership Forum Blog, Feb. 24, 2014

“Many natural gas energy executives love and want to preserve our shared history. And preservation professionals understand the need for the development of sustainable sources of fuel.”

### **“Birthplace of USS New Jersey Saved by Shale Production”**

—Bloomberg.com, May 29, 2014

### **“Drillers try adjusting to cultural concerns”**

—Pittsburgh Post-Gazette, March 21, 2014

“The Gas and Preservation Partnership is not for absolutists. It’s not for archaeologists who think any cultural resource should remain unbothered. And it’s not for oil and gas companies that rely on a lack of regulation to drill through whatever cultural grounds may lie below.”



GET INVOLVED

LEAP is a 501(c)(3) nonprofit organization that relies on support from members to achieve our vision of being a valued resource for voluntary best practices and clearinghouse for cultural and historic preservation issues in the energy industry. Our members receive:

- Access to our community, networking, and events
- Latest information on voluntary practices
- Preferred pricing for trainings
- Preferred pricing for screening tool subscriptions

Join today at [www.energyandpreservation.org](http://www.energyandpreservation.org)

## We welcome:

- Financial contributions to support the development of the screening tool and our national efforts to raise awareness of voluntary practices. LEAP is a 501(c)(3) organization and contributions are tax-deductible.
- Expertise: We welcome new contributions to our voluntary practices, and we especially invite energy professionals responsible for siting and supervising projects to help refine voluntary practices that align with their existing protocols.



## Groundbreaking Collaboration

In 2014 LEAP, then known as the Gas and Preservation Partnership (GAPP), convened a conference in Pittsburgh in the heart of the Marcellus shale. A capacity crowd of 130 came together to exchange insights into energy exploration and heritage resource preservation practices, to find common ground, and to chart a forward course. Elizabeth Bradshaw, global cultural heritage lead for Rio Tinto, shared how one of the world's largest mining companies has adopted a proactive cultural heritage approach that has been fundamental to managing risks and creating significant business value.



## NEXT STEPS

Photo by Kip May

LEAP is piloting our approach in Ohio, where Utica shale development is occurring near world-class archaeological sites and where the risk to companies and to our knowledge of the past is heightened. We aim to build a screening tool, significance model, and user guide for Ohio in the coming months that will demonstrate the value of the LEAP approach—for companies, for local communities, and for all of us who care about history.

After a successful pilot, LEAP plans to promote adoption of its voluntary standards in shale plays nationwide. Simultaneously, we hope to explore adaptation of the LEAP approach to other energy sectors, including, for example, solar and wind.

## Leaders in Energy and Preservation

LEAP's Board of Directors is comprised of both energy industry and preservation leaders, including representatives from Shell, Southwestern Energy, Hess Corporation, and the Society for American Archaeology.

Four working groups are comprised of experts including engineers, risk managers, cultural resource management strategies, archaeologists and historians, GIS data specialists, and public affairs professionals, among others. GAPP is managed by Cultural Heritage Partners, PLLC.

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