

# CALL FOR ENTRIES



CHAIRMAN'S  
STEWARDSHIP  
AWARDS

The Interstate Oil and Gas Compact Commission is seeking nominations for the 2014 Chairman's Stewardship Awards. The winners will be honored at the IOGCC Annual Meeting in Columbus, Ohio, October 19 - 21. All nominations received will be mentioned in the Winners Booklet along with project title. All past winners and their projects will also be mentioned in the Winners Booklet.

You may apply on your behalf or nominate another project. Past winners are encouraged to apply with new projects. If you have applied in the past and received honorable mention and you feel your project has been added to we encourage you to resubmit your project. In the nomination form you will find the four different categories. Please choose one that best fits your nomination and provide a brief project summary. To see previous winning nominations, visit the IOGCC website at [www.iogcc.state.ok.us/chairmansstewardship](http://www.iogcc.state.ok.us/chairmansstewardship). For any questions or additional information please contact Carol Booth, communications manager for the IOGCC at 405-525-3556 ext. 114.

**Nominations must be received on or before August 14, 2014.**

## HISTORY

The Chairman's Stewardship Awards represent the Interstate Oil and Gas Compact Commission's highest honor for exemplary efforts by the oil and natural gas industry in environmental stewardship.

Since 1935 the IOGCC has voiced the need for sound oil and natural gas environmental policy. Many organizations have gone far beyond the basic mandates of law and regulation to protect and enhance natural resources. The Chairman's Stewardship Awards are an effort to single out these achievements as examples for others in industry, government and the public.

## AWARD CATEGORIES

### Energy Education

This award is presented to a group or organization that has created a program to educate the public about oil and natural gas and the hundreds of ways it affects the lives of Americans.

### Small Company

This award recognizes an innovative project by a small oil and natural gas company that demonstrates positive environmental stewardship. Small companies are those that operate in a limited area or region.

### Environmental Partnership

The Environmental Partnership award recognizes an innovative project led by a non-industry organization(s) in cooperation with an industry partner(s).

### Large Company

This award recognizes an innovative project by a large oil and natural gas company that demonstrates positive environmental stewardship. Large companies are those that operate nationwide and in many instances internationally.

Briefly describe the nominated program on a separate attachment. Please limit your summary to 3 pages or less. Key points to include in your project summary:

- Provide a brief explanation of the project.
- Describe the purpose of the project.
- Explain the process taken to complete the project.
- Describe any contributions made to the environment.
- Describe what has been accomplished.

### Nominee Information:

Company QEP Resources, Inc.

Contact Brent Rockwood

Address 1050 17th Street, Suite 800

City/State/Zip Denver, CO 80265

Phone 303-672-6900 Fax 303-294-9632

E-Mail Brent.Rockwood@qepres.com

**Submitted by:** (same as above)

Company \_\_\_\_\_

Contact \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-Mail \_\_\_\_\_

### Visual Aids, if available: (Electronic submissions are accepted)

Video/DVD (10 minutes or less)

Photos

Brochures/Publications  
(10 copies)

Other

### Category:

Energy Education

Environmental Partnership

Small Company

Large Company

### SEND NOMINATIONS TO:

Stewardship Awards  
IOGCC  
P.O. Box 53127  
Oklahoma City, OK 73152-3127  
Email: [carolbooth@iogcc.state.ok.us](mailto:carolbooth@iogcc.state.ok.us)  
Fax: 405-525-3592

For more information call  
405-525-3556 or log on to  
[www.iogcc.state.ok.us/chairmansstewardship](http://www.iogcc.state.ok.us/chairmansstewardship)



**QEP Resources, Inc.**

## **Interstate Oil & Gas Compact Commission**

2014 Chairman's Stewardship Award

Application Category: Small Company

August 4, 2014

### **Overview**

---

QEP Resources, Inc. (NYSE: QEP) – an S&P 500 index member company – is a leading independent crude oil and natural gas exploration and production company focused on some of the most prolific resource plays in the continental United States – including the Williston Basin crude oil play in North Dakota; Permian Basin crude oil play in Texas; Pinedale Anticline liquids-rich gas play in western Wyoming; Uinta Basin (Lower Mesaverde) liquids-rich gas play in eastern Utah; and Haynesville dry gas play in northwestern Louisiana.

Our corporate heritage, which spans nearly a century, reflects a long-term commitment to creating value for our shareholders, exceptional opportunities for our employees and economic benefits for the communities in which we operate. With year-end 2013 proved reserves of 4.1 trillion cubic feet of natural gas equivalent, QEP's portfolio of low cost, high quality resource plays provides a solid foundation for sustainable growth.

The company also gathers, compresses, treats, processes and stores natural gas. QEP Resources is the majority owner of QEP Midstream Partners, LP (NYSE: QEPM) and owns 100% of the partnership's general partner. QEP Resources is headquartered in Denver, Colorado and employs approximately 1,000 people in eight states.

### **Commitment To Environmental Stewardship**

---

QEP respects the environment and the communities where we operate. Our adherence to state-of-the-art well construction methods and regulations, paired with ongoing water and land conservation initiatives, help to ensure the health, safety and general wellbeing of our families, friends and neighbors. Over the past ten years, the Utah Division of Oil, Gas and Mining has recognized QEP on several occasions for its efforts as a responsible steward of air resources and for its efforts to reduce the long-term impact of land development.

### **The Project: QEP Energy's Zero Emission Liquids Transfer System**

---

QEP began developing the Red Wash Lower Mesaverde formation in eastern Utah in 2008. In 2010, QEP began electrifying the individual well pads and reduced emissions by eliminating the pneumatic pumps on location. In 2013, QEP turned on our first multi-well pad in the program. This 32 well pad was designed to be an emission-less location, utilizing no-emissions completions, bulk separation, electrification, and liquids gathering, nearly eliminating emissions on the pad.

With 16 producing wells (two groups of eight wells) on the pad (*Figures 1&2*), no trucking has been used to move frac water to the pad or produced liquids (water and condensate) from the pad. Water for hydraulic fracturing was piped from QEP's fresh water pipeline to the pad. Flow back water was transported to the Central Processing Facility (CPF) through the liquids gathering system, utilizing well head pressure and pumps. Liquids produced from the wells are combined in headers (*Figure 3*) and transported from the production separators (*Figures 4&5*) to the CPF using the liquid transfer system. All pumps on location are electric motors with VFD's on the larger motors to

reduce the strain on the electric grid and to maximize pump efficiencies to move produced liquids into the liquids gathering system.

The liquid transfer system is a fully contained pressurized system that utilizes a pressurized liquid surge vessel (*Figure 6*) and transfer pumps. This system utilizes instrument air for pneumatics and eliminates the VOC emissions caused by “flashing” the condensate in an atmospheric tank. The pressurized liquids are pumped directly from the surge vessel into the liquids pipeline to the CPF utilizing the liquid transfer pumps (*Figure 7*).

The future development of Red Wash and the growing concerns over air quality necessitated a re-design of current production practices in the basin. QEP dedicated countless hours and put forth extra effort to plan and construct the Red Wash pad development program in order to make the pads nearly emission-less locations and eliminate truck traffic emissions for product transportation.

QEP has been and will continue to be a leader in environmental awareness and stewardship by advancing completions, facility design and engineering to reduce emissions. Thank you for considering our nomination.

*Figure 1: Eight well POD of well heads*



Figure 2: RW 23-23B multi well pad facility and well heads for pod two



Figure 3: Inlet header and pipe rack



Figure 4: Bulk separator inlet piping



Figure 5: Pipe rack and bulk



Figure 6: Liquid surge vessel and liquid transfer pump building and piping



Figure 7: Liquid transfer pumps and piping

