



**Texas Commission on  
Environmental Quality**

**Texas  
Oil and Gas  
Pollution Prevention  
Workshop**

**Comply With Texas regulations, reduce pollution,  
and save money**

**March 27, 2009  
Maude Cobb Meeting Center  
100 Grand Blvd  
Longview, Texas 75604**

**April 2, 2009  
First National Bank  
305 N. Smith  
Hebbronville, Texas 78361**

# TCEQ Oil and Gas Pollution Prevention Workshop

Natural gas is a gaseous fossil fuel consisting primarily of methane but includes significant quantities of ethane, propane, butane, and pentane—heavy hydrocarbons removed during condensation—as well as carbon dioxide, nitrogen, helium and hydrogen sulfide. volatile organic compounds (VOCs) are included in natural gas composition and these emissions need to be reduced.

How do you get the most from your production facility and reduce VOCs to the atmosphere? If you are producing oil and gas, you have an opportunity to:

- ✓ save money
- ✓ reduce your regulatory burden
- ✓ increase efficiency

## About the Workshop

**This free one day workshop** will offer strategies on how to improve efficiency while decreasing or eliminating pollution. Experts in pollution prevention, environmental management systems (EMS), environmental regulations, and energy efficiency will conduct an interactive workshop that will help you use pollution-prevention strategies to improve your bottom line.

Workshop topics include:

- pollution-prevention requirements,
- successful case studies,
- vapor-recovery techniques, and
- criteria for joining the CLEAN TEXAS program.

You will learn how to make your operation an environmental success, how to identify and remove barriers to pollution prevention, and how to engage management and employees.

### ***Continuing Education Credits***

*Offering up to 4 hours of continuing education credits for professional engineers*

## Who Should Attend

This workshop will benefit individuals from large to small oil and gas producing companies. It is geared towards:

- environmental, health, and safety managers
- production managers
- field personnel
- engineers or related professionals

***For technical pollution-prevention information, contact:***

**Jeff Voorhis, P.E. 512-239-3143**

**sav@tceq.state.tx.us**

## TCEQ Oil and Gas Pollution Prevention Workshop

Time	Agenda
8:00 am - 8:30 am	Registration
8:30 am - 8:45 am	Welcome & Opening Remarks – TCEQ
8:45 am - 9:00 am	Air Section Manager, TCEQ – An overview of the Oil and Gas Program, its concerns to date.
9:00 am - 9:30 am	Jeff Voorhis, P.E. TCEQ – Site Assistance Program and Clean Texas – A discussion of the approach and experience in utilizing TCEQ Site Assistance at production sites. Find out how companies receive regulatory relief and other incentives from the TCEQ by joining the state’s environmental leadership program.
9:30 am - 9:45 am	Break
9:45 am-10:45 am	Larry Richards – Hy-Bon- Vapor Recovery Technologies – In this section Larry Richards will present techniques to identify, quantify and rectify VOC’s and methane emissions from oil production facilities and wellsites – including the latest in vapor recovery technology and low pressure gas management systems from Hy-Bon Engineering
10:45 am-11:00 am	Break
11:00 am- 12:00 pm	Brian Boyer, COMM Engineering – Field Experience in Gas Measurement – This presentation covers several cost-effective VOC’s and methane emission reduction opportunities, including measurement, and vapor collection and recovery units..
12:00 pm- 1:15 pm	Lunch (On your own)
1:15 am- 2:15 am	Real World Observations of Oil and Gas Operations –Alice Cone, TCEQ, Air Section Manager-Region 7 – Real world field operations observations of oil and gas operations using the Infrared Camera.
2:15 pm- 2:30 pm	TCEQ Upstream Oil and Gas Emissions and Emissions Inventories – Russ Nettles, TCEQ – An overview of the agency’s Oil and Gas Program and its concerns.
2:30 pm - 2:35 pm	Discussion Panel/ Next Steps – Group will discuss results, challenges and successes associated with utilizing VOC’s and methane reducing technologies The discussion will also offer insight for obtaining operational and managerial support for these efforts.



# TCEQ Oil and Gas Pollution Prevention Workshop

## Attendee Registration Form

Workshop is limited to 80 attendees each day

Name \_\_\_\_\_  
Company/Organization \_\_\_\_\_  
Type of Facility \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone (\_\_\_\_) \_\_\_\_\_ FAX (\_\_\_\_) \_\_\_\_\_  
E-mail \_\_\_\_\_

*I will attend the TCEQ Oil and Gas Pollution Prevention Workshop:*

March 27 Longview       April 2 Hebronville

### To complete registration:

Email your completed copy of this form to Jeff Voorhis at [sav@tceq.state.tx.us](mailto:sav@tceq.state.tx.us) or fax to 512-239-5678.

If you have a disability and require special accommodations to fully participate in this event, please call the TCEQ at least three weeks prior to the start of the workshop at 512-239-3143.

The TCEQ is an equal opportunity/affirmative action employer. The agency does not allow discrimination on the basis of race, color, religion, national origin, sex, disability, age, sexual orientation or veteran status. In compliance with the Americans with Disabilities Act, this document may be requested in alternate formats by contacting the TCEQ at 512-239-0028, Fax 512-239-4488, or 1-800-RELAY-TX (TDD), or by writing P.O. Box 13087, Austin, TX 78711-3087

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