



# Activity Update

What are we up to in the  
Wembley Region?



# Who regulates flaring in Alberta?

Industry flaring in Alberta is regulated by the Alberta Energy Regulator (AER). The AER's Directive 060 (*Upstream Petroleum Industry Flaring, Incinerating and Venting*) describes regulatory requirements regarding flaring, incinerating and venting. Some of these include:

- economic evaluations requirements and procedures
- clean-up, test time and volume limitations
- flare permit and notification requirements
- flare performance requirements
- venting requirements and limitations
- measurement and reporting

For more information, refer to Directive 060 or the AER EnerFAQ's on flaring and incineration or visit their website:

**[aer.ca/about-aer/enerfaqs/enerfaqs-flaring](http://aer.ca/about-aer/enerfaqs/enerfaqs-flaring)**

## **ALBERTA ENERGY REGULATOR**

Energy/Environmental Emergency  
& Operational Complaints:

800.222.6514 (24 Hour Response Line)

General inquiries:

855.297.8311

Website:

[aer.ca](http://aer.ca)

# 2017 activities near you

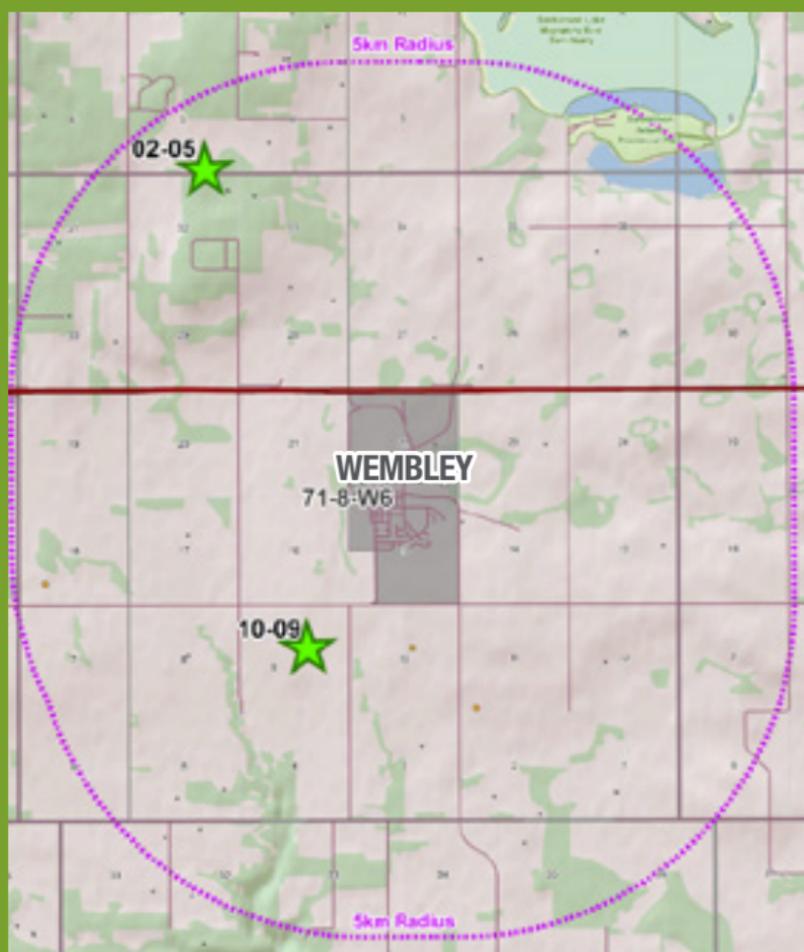
Encana's 2017 program across the Alberta Montney region, which includes our Peace River Arch Operating Area, continues to grow as we expand our liquid development in the Wembley region.

In cooperation with the Town of Wembley, we'd like to update you on Encana's operations in the Wembley area. Our 2017 program includes drilling and completion activities on two padsites within a five kilometre radius of Wembley. Following drilling operations, temporary flaring will be required as part of the clean-up and testing of these wells.

## Anticipated timing of the flaring activities:

- 10-09-71-08 W6M: May/June 2017
- 02-05-72-08 W6M: July/August 2017

Timing subject to change pending drilling schedule.



For further updates on the timing of these Encana flaring activities, please visit the Town of Wembley website: [www.wembley.ca](http://www.wembley.ca)

# What is flaring?

Flaring is the controlled burning of natural gas, including excess hydrocarbons, which can't be processed or sold. When gas is flared, it is ignited at the end of a flare stack causing a visible flame. Flaring is an alternative to releasing gases directly to atmosphere and allows for the safe and efficient operation of the facility.

There are numerous reasons for flaring:

## **Well clean-up and testing**

Clean-up is done after a well is completed to remove drilling/completion fluids and sand from the well to ensure the natural gas is safe to produce into pipelines. Testing is required to assess well characteristics and appropriate design of gathering and processing systems needed to handle the anticipated production.

## **Routine maintenance**

Routine flaring is done to perform maintenance to on site equipment. These flaring events are done periodically, often scheduled and typically of short duration.

## **Emergency/non-routine events**

When an abnormal or emergency event is detected (e.g. power outage, process upset), an alarm or shutdown is initiated and safe depressurization and isolation of the facility may occur. These flaring events are infrequent and usually of short duration.

## **Continuous pilot**

A small amount of sweet gas is burned continuously to ensure ignition when a flaring event occurs and to ensure safety of the flare system.



## Did you know?

The continuous small flame visible at some oil and gas facilities is not a flare but a pilot light, fed by sweet natural gas. It remains lit to assure instantaneous combustion during a routine or emergency event.

## Minimizing our impact

Encana strives to find ways to reduce air emissions, decrease flaring and improve energy efficiency. Continuous improvement in these areas just makes sense, as natural gas is a valuable resource worth conserving rather than flaring whenever possible.

Encana is committed to reducing flaring in our operations by developing, testing and tracking innovative, new technology or methods.

Where possible, Encana strives to pre-construct pipelines to our wellsites and employ “**In-line testing**” as soon as gas quality meets pipeline and downstream facility requirements.

In-line testing allows Encana to capture the gas during the test phase into our pipelines rather than sending it to flare. This process can significantly reduce the amount of flaring required for this phase of the operation.

Encana would like to thank the Town of Wembley for their help with sharing information about our development in the Wembley region.

For further updates on the timing of these Encana flaring activities, please visit the Town of Wembley website: [wembley.ca](http://wembley.ca)



To report a concern during Encana flaring operations, please contact:

**CONCERNS & EMERGENCIES:**

780.357.6408

**COURTESY MATTERS:**

888.568.6322



*Certain forward-looking statements in this document involve risks and uncertainties that could cause actual events or results to differ materially from the estimated or anticipated events or results implied or expressed in such forward-looking statements.*