



Orphan Well  
Association

## Vermilion Well Project Community Update

June 2019

### Orphan Well Association to Install Methane Management System

The Orphan Well Association (OWA) will be installing an Active Methane Management System (AMMS) on the historical abandoned well in the Brennan playground. While there is still no risk to public safety, the OWA wants to more actively manage the small amounts of methane leaking from the well.

Plans call for the AMMS to be installed the week of June 24<sup>th</sup> and take up to five days. The system is designed to gather and manage the methane in the subsurface soil with a vacuum unit connected to surface piping. The methane gathered will be vented up a four-metre high vent stack.

The vacuum unit includes a blower that will produce a continuous humming sound. This unit will be contained in a shed and additional noise muffling materials will be used to reduce the noise. A larger and slightly noisier blower is needed initially for testing purposes. Plans call for this to be eventually replaced with a smaller, quieter system.

OWA anticipates the sound from the system will be similar to restaurant conversation or an air conditioning unit at 100 feet. Noise from the system will be monitored and hours of operation may be modified.

The fence around the well will be expanded (see diagram) to enclose the AMMS. This fence will be similar to the current one – chain link with privacy slats. The expanded fence will not be permanent. However, it may be in place for up to a year.

A variety of equipment will be on site during the installation of the AMMS. This will range from a small excavator to crew vehicles. There will be no parking restriction or road closures.

Plans are in place to ensure public safety and minimize impact on the community. Monitoring and inspection of the system will be conducted weekly. The playground will be fully accessible during installation and operation of the new system.

OWA continues to work with the Alberta Energy Regulatory and Alberta Health Services to determine the best solution for the well.



*Expanded fencing – Solid line is existing fence and dotted line is the expanded fence*

**Questions?** – If you have questions about this project; contact Dave Marks, Manager – Projects, with the OWA (403.297.8555).

**Stay Up-To-Date** –Get the most up-to-date information on the project from our website <http://www.orphanwell.ca/community/>

**Future Newsletters** – If you would like to receive future newsletters about this project by email, notify us at [community@orphanwell.ca](mailto:community@orphanwell.ca) . Just provide your name and email address and indicate you want future updates by email. We will add you to our email list.