

September 30, 2020

## Additional Work on the Well Required This Fall

The Orphan Well Association (OWA) successfully completed Phase 1 of the Long-term Management Program last week. The Methane Interception Operation was completed in less time than originally anticipated. Perforations in the wellbore were only needed at one depth (217 metres below ground) in order to re-direct the methane into the wellbore. As a result, the second and third days of perforation activities were not needed.

As mentioned in previous materials, the Methane Interception Operation was not intended to repair the well. Its purpose was to direct more of the methane gas into the wellbore where it can more easily be managed at ground level with the Active Methane Management System (AMMS). The AMMS system includes a vacuum system and vent stack to safely gather and vent the methane to the atmosphere.



As planned, the Methane Interception Operation increased the volume of gas coming up through the wellbore. Initial monitoring suggests that a taller vent stack is needed in order to properly vent the methane being gathered. The well is currently shut-in while the new vent stack is being planned and constructed. Crews are on-site daily to monitor the methane levels. There is no risk to public safety.

Over the next few weeks the community will notice continued activity on the wellsite. The OWA will be making modifications to the equipment and increasing the height of the vent stack. Efforts will be made to minimize impact on the community. Activities on site will be scheduled so they don't interfere with school bus pick-ups and drop-offs and there are no plans to close the playground.

The temporary AMMS currently in place will be turned back on this week. The OWA has heard from the community that the noise level from the system is of concern. Modifications will be made to the structure around the AMMS to reduce the noise as much as possible.

Phase 2 of the Long-term Management Program for the well is the installation of a new AMMS. The new system, due to be constructed in Spring 2021, will be quieter and have a smaller footprint.

**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.