



**Orphan Well  
Association**

## Vermilion Well Re-Entry & Repair Project Community Update #3

October 1, 2014

Work on the Orphan Well Association's (OWA) Re-entry and Repair project has entered its fourth week. Here's an update on progress to date and future activities.

**Surface Casing** – Last week the OWA did some work to repair the surface casing on the well. Casing is a type of pipe that prevents the wall of the well from collapsing. It also protects against ground water contamination and uncontrolled releases of gas. Surface casing is the first string of casing put into the well and it is cemented into place.

The OWA conducted a cement repair to the surface casing on the well and are pleased with the results. Since this operation was completed, the crew is no longer observing gas bubbling up outside of the well.

**Current Operations** – While the results of the cementing are promising, the operations staff feel they need to get deeper in the wellbore in order to properly repair the leak. They are currently able to drill down to approximately 200 metres below surface. A variety of operational activities are being undertaken this week to try to access the wellbore down to between 250 and 400 metres, the possible sources of the leak.

**Extending Operations** – There has always been a possibility that the drilling operations would take extra time. While original plans called for two weeks of drilling, operations staff would like additional time in hopes of reaching the source of the leak. The OWA wants to have operations wrapped up before Thanksgiving weekend and asks for the community's patience over this extra time.

**Future Updates** - Another community update is planned for next week. If you know someone who is not getting the emailed updates, but wishes to receive them, please have them contact the OWA (403.297.6416) and provide an email address. The updates will also be posted on the OWA website – [www.orphanwell.ca](http://www.orphanwell.ca).

**Questions?** - If you have questions or concerns about this project, please contact Dave Vert, On-Site Supervisor with Tristar Resource Management (403.352.6061) or Lori Brown, Abandonment Coordinator with the Orphan Well Association (403.297.6416).