



Orphan Well
Association

Katana Well Decommissioning Project Turner Valley, Alberta Community Update

April 2022

Updated Plan for Katana Well Decommissioning

After about a six-month break in operations, the Orphan Well Association (OWA) plans to continue its decommissioning activities on the Katana Resources British Dominion Well #3 this spring. The Katana well is located on the north-west edge of Turner Valley, Alberta near the Country Meadows subdivision.

Background

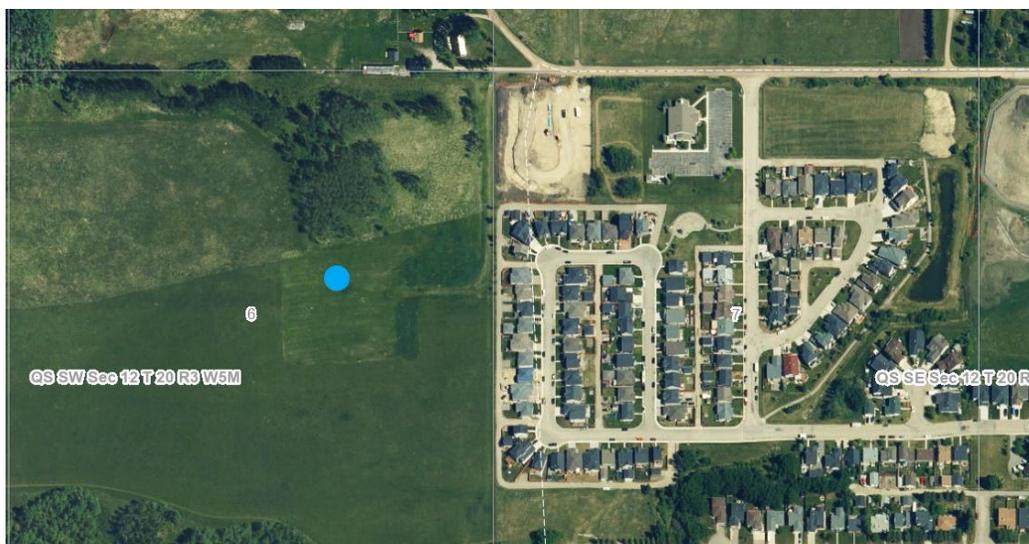
This 92-year-old well was turned over to the OWA because trace amounts of natural gas (methane) were found at the wellsite. The OWA is now responsible for properly decommissioning the well. The well currently poses no risk to the public or the environment.

The OWA completed an initial decommissioning operation on the well in Fall 2021 using a service rig. A couple of days into the operations the crews encountered a crack in the well casing about five metres below the surface. The crack was repaired by replacing the casing. This initial decommissioning operation provided the OWA with additional information on the condition of this historic well. The OWA determined the service rig it was using could not complete the work on the well and operations were shut down.

Proposed Decommissioning Operations

The OWA has developed a revised plan for Spring 2022. This new plan calls for a drilling rig to be used for the decommissioning activities. This piece of equipment will be better able to pump and circulate fluids and clean out any debris required to access the wellbore.

The drilling rig will clean out the well bore to about 600 metres below surface. Data will be collected, through a process called logging, to better understand the conditions in the wellbore. After the data has been analyzed, the wellbore may be perforated and conditioned to prepare it for cementing. If cementing operation are needed, cement will be pumped into the wellbore to prevent gas from rising to surface.



Tentative Schedule

The OWA is hoping to re-start decommissioning activities in late May or June of 2022. The exact timing will depend on weather, road bans and the availability of the necessary equipment. Operations will run 24 hours a day for approximately one week. The tentative schedule of operations is as follows:

Day 1	<ul style="list-style-type: none">• Prepare site, move in equipment and start the wellbore clean out operations
Days 2 - 3	<ul style="list-style-type: none">• Continue and complete the clean out operations to effectively access the wellbore
Day 4	<ul style="list-style-type: none">• Evaluate the condition of the well
Day 5	<ul style="list-style-type: none">• Determine next steps which could include perforating, conditioning and/or cementing
Day 6	<ul style="list-style-type: none">• Complete wellbore decommissioning activities
Days 7 - 8	<ul style="list-style-type: none">• Confirm success of decommissioning and move out equipment

Reducing Impacts

Because operations need to run 24 hours a day, OWA will make every effort to reduce impacts on the community and near-by residents.

Noise

- Noise levels will be kept to a minimum
- Equipment will be oriented to reduce disruption to nearby homes
- Nighttime activities will be minimized
- Additional services will be limited to daytime operations

Lights

- The rig and lights for nighttime operations will be directed away from nearby homes
- Lights will only be directed at the rig and services

Traffic

- Equipment moves will be scheduled so as not to interfere with school bus times
- Traffic to and from the site will be limited to crew and required services only
- Critical times such as school bus pick-up and drop-off will be avoided

Signage

- Signs will be placed at the main entrance to the worksite to restrict access and provide information about the activities taking place.



Questions? – The OWA is committed to on-going communication with members of the local community, the Town of Turner Valley, and Foothills County. If you have questions about this project, contact Dave Marks, Team Lead – Land, Stakeholder Relations, Support Services with the OWA (403.297.8555).

Future Updates – Check out our website for future project updates - community@orphanwell.ca