

Industry Tip

New H2S Disclosure Question for Disposal Well

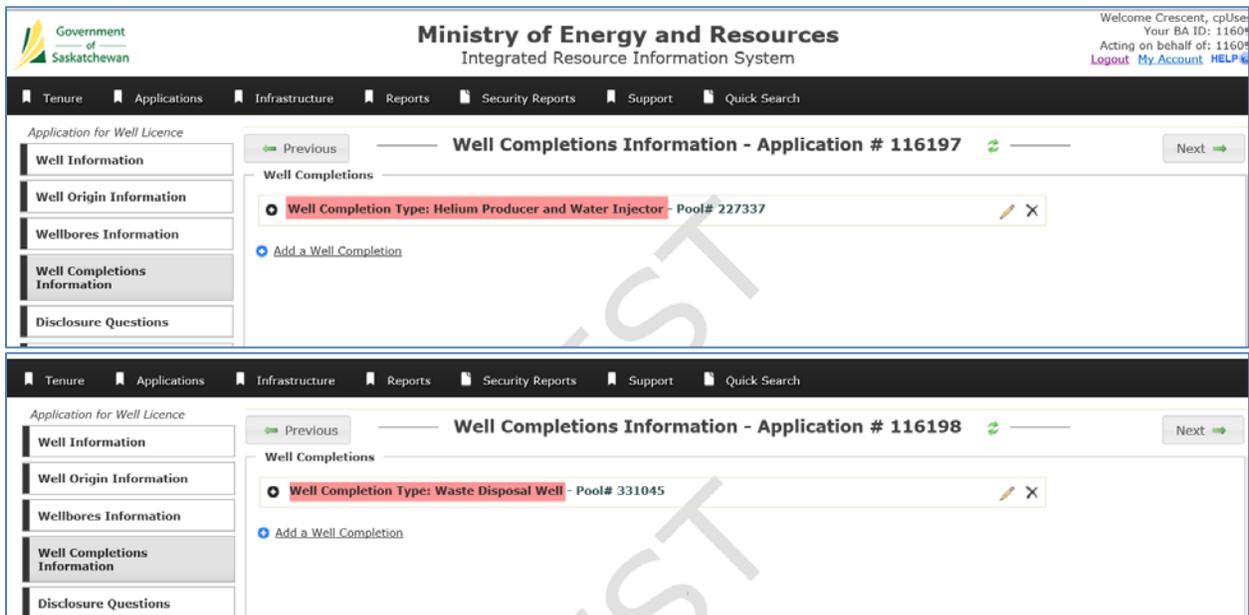
Date	Module/Application/Functionality	Notes
January 21, 2019	Well Licence Application	D70 H2S Disclosure Question

Background

Saskatchewan did not have a requirement for well licence applications to indicate whether the produced saltwater contains greater than 10 parts per million (ppm) H2S. However, in order to evaluate wellbore integrity and subsurface formation stability and compatibility, H2S is an important factor to be considered. We would like to track wells disposing produced saltwater if the H2S is over 10 ppm and to ensure compliance of the Directive [PNG008](#).

Well Completion Types

When user select well completion type as Helium Producer and Water Injector, Waste Disposal or Disposal well, a new D70 disclosure question is required to be answered on Disclosure Question section.



The screenshot displays the 'Ministry of Energy and Resources Integrated Resource Information System' interface. It shows two screenshots of the 'Well Completions Information' page for different applications.

Top Screenshot (Application # 116197): The 'Well Completion Type' is 'Helium Producer and Water Injector' with Pool# 227337. The 'Well Completion Type' field is highlighted in red.

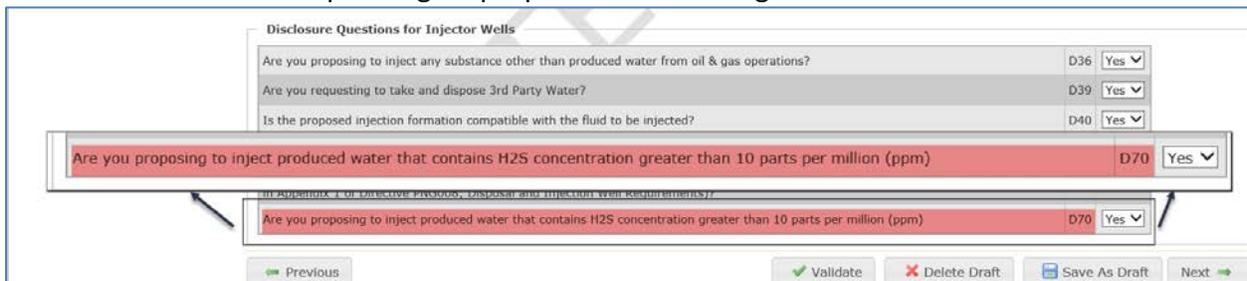
Bottom Screenshot (Application # 116198): The 'Well Completion Type' is 'Waste Disposal Well' with Pool# 331045. The 'Well Completion Type' field is highlighted in red.

Both screenshots show a sidebar with navigation options: Well Information, Well Origin Information, Wellbores Information, Well Completions Information, and Disclosure Questions. The 'Well Completions Information' section is currently active.

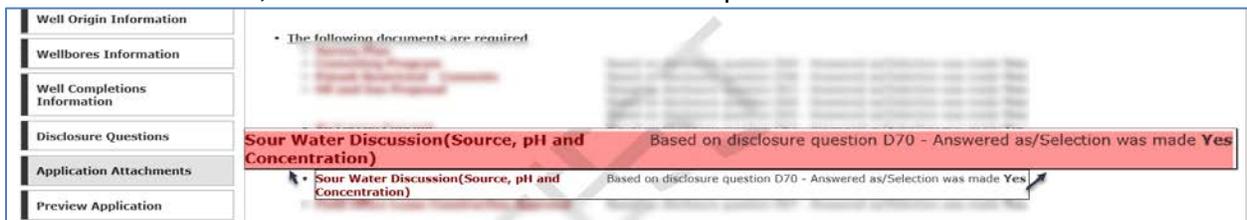


D70 Disclosure Question

Under Disclosure Question section, D70 is worded as **“Are you proposing to inject produced water that contains H2S concentration greater than 10 parts per million(ppm)?”** User needs to answer D70 Yes or No depending on proposed well existing situation.



If D70 is answered Yes, then on Application Attachments section, a sour water discussion (source, pH and concentration) is required to be attached along with the well licence application. If D70 is answered No, then no additional document is required to be attached.



Note: No matter how D70 is answered, it will not affect the well licence application becoming a non-routine application.

Questions?

If you have any questions or concerns, contact ER Service desk at 1-855-219-9373 or

Er.servicedesk@gov.sk.ca