

Industry Tip

Casing Cement Returns

Date	Module/Application/Functionality	Notes
June 2, 2022	Casing Reporting	Initial Release

Background

Casing cement returns data is used by Ministry and Industry as an integral way to determine casing integrity, base of ground water protection coverage, production zone coverage etc. throughout the life cycle of a well (drilling to abandonment). Capturing this information will have an efficiency impact for Ministry when reviewing Non-Routine Abandonment, Repair, and Reclassification applications; Industry will also have an efficiency impact when preparing Non-Routine Abandonment, Repair, and Reclassification applications as well as making decisions regarding a wellbore based on cement returns to surface.

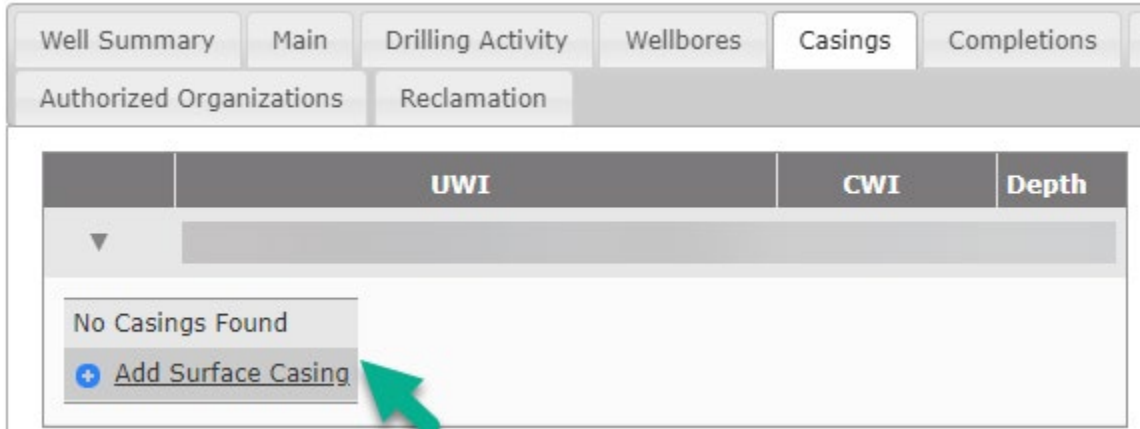
This data is not currently captured in a structured manner in IRIS. Manually searching through the drilling tour sheets, attachments, and other documentation to discover cement returns information for all casing strings associated with a wellbore can be inefficient and potentially inaccurate.

Process

This enhancement will require users to report casing cement returns when reporting any casing string in IRIS. Cement returns information is currently found on the drilling tour sheets and other documentation provided by the drilling rig consultant. Accurate data transcription from the tour sheet to IRIS is paramount.

Cement returns will be reported in cubic meters (m³). If no cement returns occurred, 0 can be reported.

An example of adding Surface Casing on the Casings tab of the Well screen:



The new, mandatory “Cement Returns – m³” field has been added to the reporting window:

A screenshot of the 'Add Surface Casing' form. Fields include Casing Set Date (2022-05-17), Base Measured Depth (175 m), Outside Diameter (244.5 mm), Cemented in Place (Yes), and Cement Returns - m³ (2.5). A green arrow points to the Cement Returns field.

Questions ? ER Service Desk Phone: 1-855-219-9373 Email: ER.Servicedesk@gov.sk.ca