

## Industry Tip

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### Surface Casing Vent Flow Test Structured Data

Date	Module/Application/Functionality	Notes
October 5, 2022	Infrastructure/Well/Tests	Initial Release

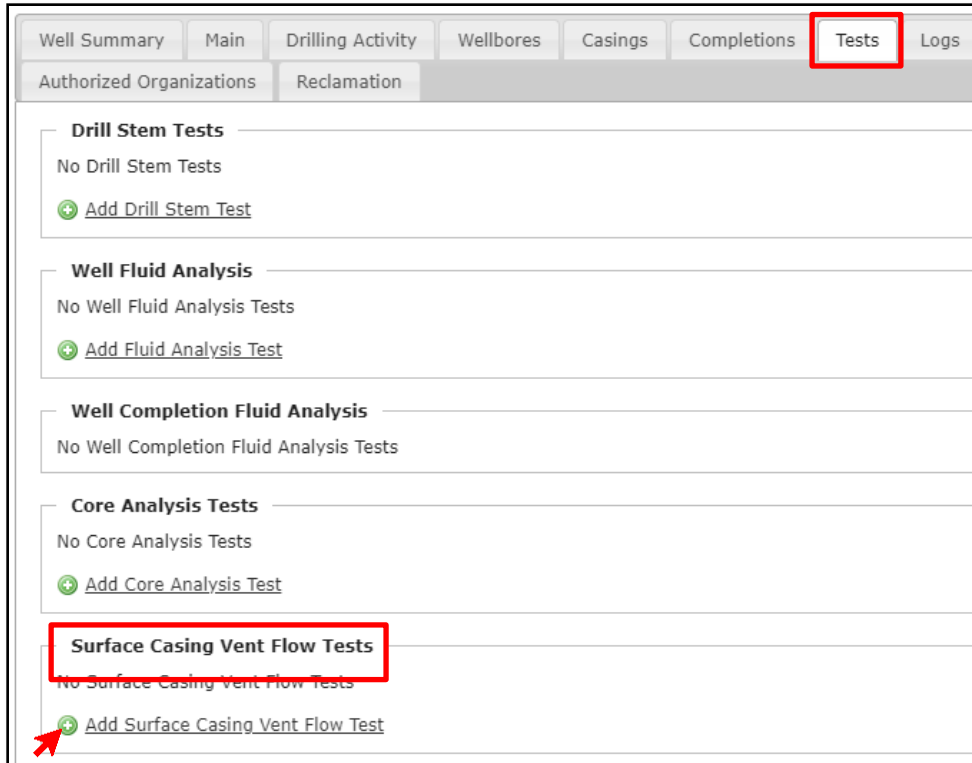
#### Background

Surface Casing Vent Flow (SCVF) test data was previously communicated to the ministry in a paper document format. This enhancement will allow the user to report wellbore specific SCVF test data directly into IRIS as structured data under the Tests tab in well details.

#### Process

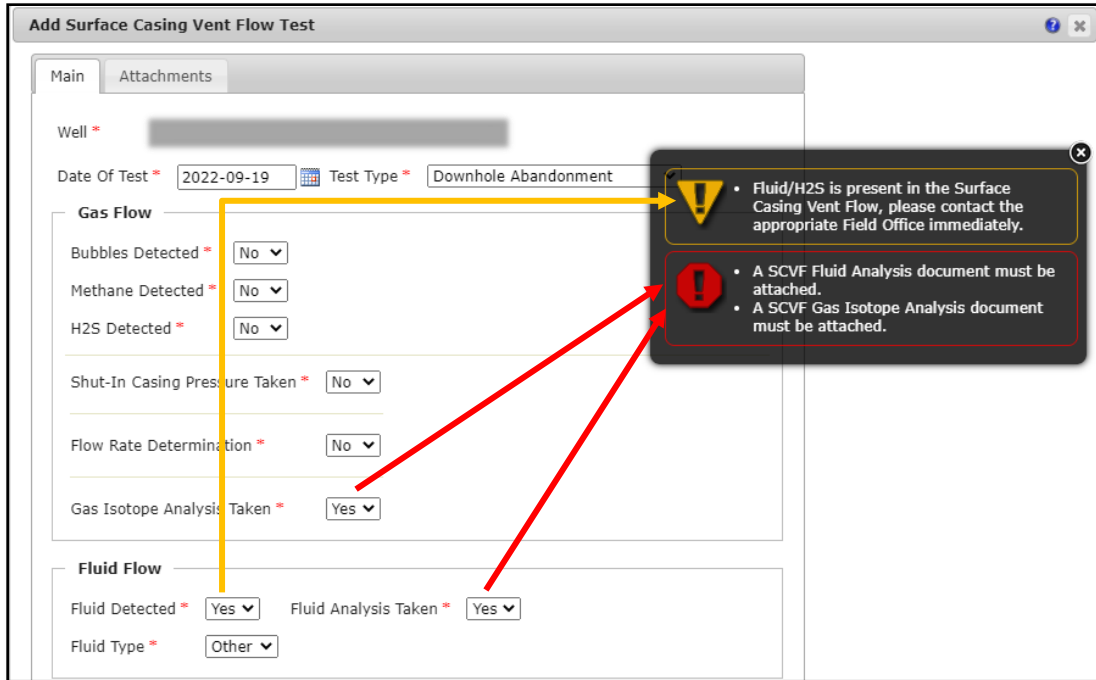
In the event Industry completes a Surface Casing Vent Flow (SCVF) test, the results are required to be reported in the test tab of IRIS on the well details screen. The user will require the I.INF.SCVFTest.View and I.INF.Well.Document.All.Submit permission sets in order to view and submit SCVF Test data.

The user must navigate to the well details screen of the subject wellbore and click into Tests tab to locate Surface Casing Vent Flow Tests.

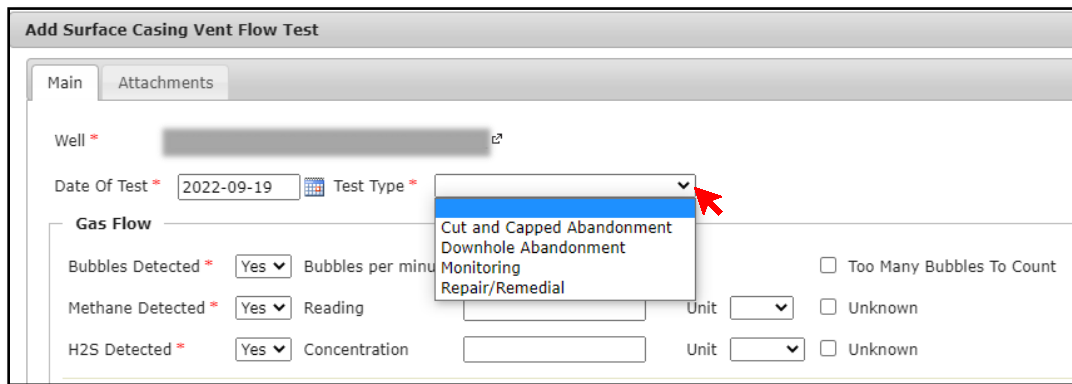


Test data for all test types must be entered as described in the test data fields following any validation messages that may occur. If data is not applicable to the testing event it will not be shown, and the user will not be expected to enter any data. For example: if a shut-in casing pressure reading was not taken and the user selects NO, the expected results data for a shut-in casing pressure test will not be seen. If the user selects YES the expected results data fields will appear.

In certain circumstance the user will be requested to attach supporting documents and/or contact the appropriate Field Office to verbally report a situation.



The SCVF test has various test types that perform different functions. Click the drop-down menu and select the appropriate test type to be reported.



Reporting SCVF Test results required for a wellbore during a monitoring schedule set up by the Field Office will require the user to select test type of monitoring and choose the desired schedule.

**Add Surface Casing Vent Flow Test**

Main Attachments

Well \*

Date Of Test \*

Test Type \* **Monitoring**

Monitoring Schedule \* **Annually**

**Gas Flow**

Bubbles Detected \*  per minute  Too Many Bubbles To Count

Methane Detected \*  Unit  Unknown

H2S Detected \*  Concentration  Unit  Unknown

Reporting SCVF test results in the event of a cut and cap abandonment have changed. Previously, when a user reported cut and cap abandonment of a well, a requirement to attach the SCVF/GM Report and Cut and Abandon report was triggered. Once the Cut and Abandon report was attached an obligation was triggered to submit the Gas Migration/Surface Casing report. A GM/SCVF test document attachment was the only fulfillment method for this obligation.

Going forward, when a user reports cut and cap abandonment of a well, a requirement to attach the Cut and Abandon report will be triggered.

**Abandon Well**

Details Attachments

Stream Identifier

Well Abandonment Type \* **Cut and Capped**

Abandoned Date \*

Discard Changes

**Warning:**

- Contact Intervals and Plugs must be updated to reflect the abandonment.
- Cut and Abandon Report must be attached.

Related Info

Once the Cut and Abandon report is attached an obligation will be triggered to submit the Gas Migration/Surface Casing report.

- SK0141333 - Well Status changed from Downhole Abandoned to Abandoned.
- Status of Obligation 646401 (Submit Gas Migration/Surface Casing Report) changed from Proposed to Unfulfilled.
- Status of Obligation 646402 (Submit Cut and Cap Report) changed from Proposed to Unfulfilled.
- Obligation 646402 'Submit Cut and Cap Report' was fulfilled by attaching document of type 'Cut And Abandon Report'.

Obligation #	Status	Due Date	Due Date Type	Fulfilled Date	Obligation Type	Actions	Attachments
646402	Fulfilled	2022-09-08	Abandonment Date plus 7 days	2022-09-20	Submit Cut and Cap Report		-
646401	Unfulfilled	2022-09-08	Abandonment Date plus 7 days	-	Submit Gas Migration/Surface Casing Report		-

When the user chooses to fulfill the obligation, the system will take the user to the test tab where the SCVF test data can be entered.

The screenshot shows the 'Add Surface Casing Vent Flow Test' form. The form is titled 'Add Surface Casing Vent Flow Test' and has tabs for 'Main' and 'Attachments'. The 'Main' tab is active. The form contains the following fields:

- Well: [Redacted]
- Date of Test: 2022-09-01
- Test Type: Cut and Capped Abandonment
- Gas Flow:
  - Bubbles Detected: No
  - Methane Detected: No
  - H2S Detected: No
  - Shut-In Casing Pressure Taken: No
  - Flow Rate Determination: No
  - Gas Isotope Analysis Taken: No
- Fluid Flow:
  - Fluid Detected: No
- Odour:
  - Odour Detected: No

At the bottom right of the form, there are two buttons: 'Discard Changes' and 'Save'. A red arrow points to the 'Save' button. In the left sidebar, a red arrow points to the 'Add Surface Casing Vent Flow Test' link under the 'Surface Casing Vent Flow Tests' section.

The Surface Casing Vent Flow test structured data will form the SCVF test portion of the obligation fulfillment however, the Gas Migration test data is still required to be reported on the appropriate form and attached as the subsequent portion of the obligation fulfillment.

The screenshot shows the 'Add Surface Casing Vent Flow Test' form. The 'Well' field is redacted. The 'Date Of Test' is set to 2022-09-01 and the 'Test Type' is 'Cut and Capped Abandonment'. A red error message box is overlaid on the form, stating: 'An SCVF/GM Report(Abandonment) document must be attached for Test Type 'Cut and Capped Abandonment'.'

The screenshot shows the 'Add Surface Casing Vent Flow Test' form with the 'Attachments' tab selected. A table lists the attached documents:

	File *	Document Type *	Is Confidential	Comments	Date *
1	scfv report sample.docx	SCVF/GM Report (Abandonment)	<input type="checkbox"/>	scvf/gm test form	2022-09-20 15:08:04

Below the table is an 'Add Attachments' button.

Two notification messages are shown. The first is a green checkmark icon with the text: 'SCVF Test for SK01-11222 has been successfully created!'. The second is a blue information icon with the text: 'Status of Obligation 646401 (Submit Gas Migration/Surface Casing Report) changed from Unfulfilled to Fulfilled.'

**Questions ?** ER Service Desk Phone: 1-855-219-9373 Email: [ER.Servicedesk@gov.sk.ca](mailto:ER.Servicedesk@gov.sk.ca)

