

Create Record from Map Viewer

Introduction

We don't seem to be able to create a record for the ElectricJunctionObject object class from Map Viewer.

We reached out to the [Community](#), and are following gis_KIWI4 and Rich Ruh's recommendations.

The Issue

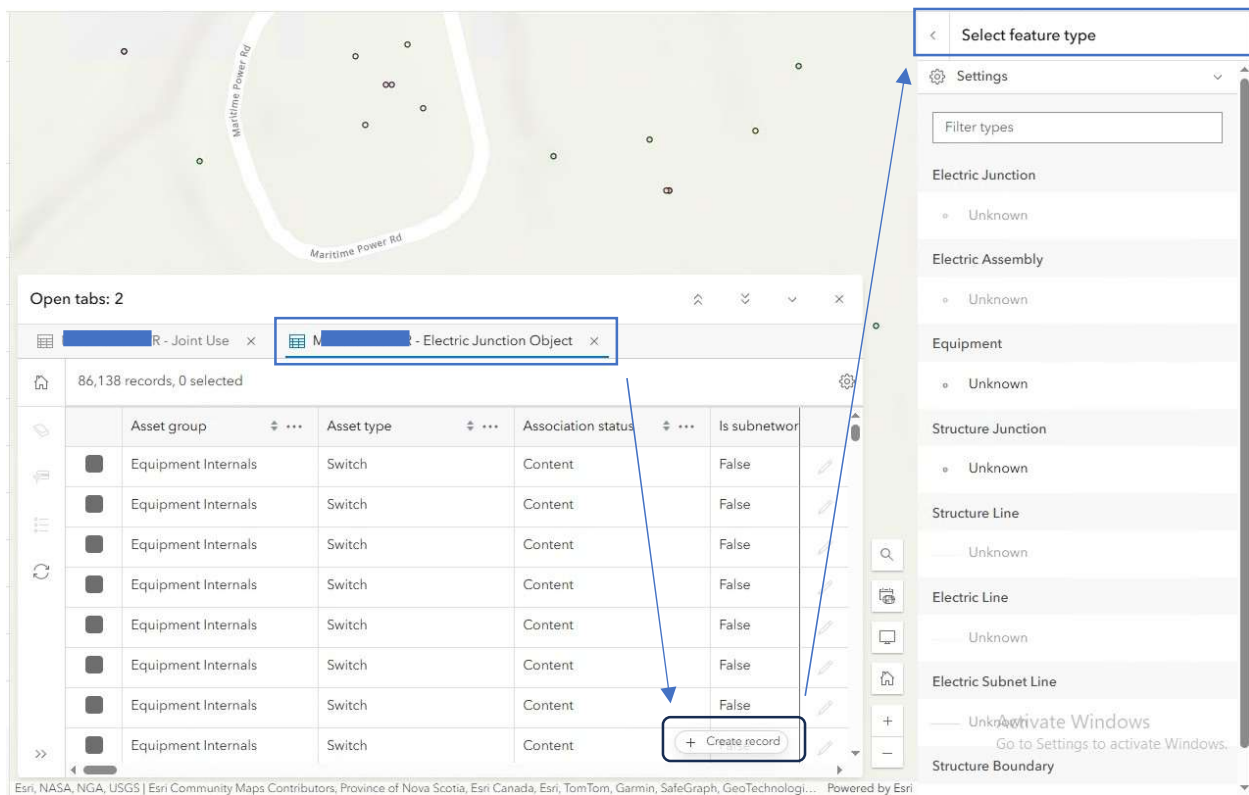
We publish an Electric Utility Network and from Portal (signed in as the publisher of the UN) we select Open in Map Viewer. From the list of Tables, we open two: ElectricJunctionObject and Joint Use; the latter not being part of the UN, but rather an ancillary object class with Relationship Class to the StructureJunction feature class.

While viewing the contents of the Joint Use table, clicking the Create record button pops the Create features pane allowing to enter attribute values for a new Joint Use record and click Create to effectively added to the object class.

The screenshot displays the Esri Map Viewer interface. At the top, a map shows a road labeled 'Maritime Power Rd'. Below the map, the 'Open tabs: 2' section shows two tabs: 'R - Joint Use' and 'R - Electric Junction Object'. The 'R - Joint Use' tab is active, showing a table with 133,350 records. The table has columns: Pole Number, Joint Use Type, Date Recorded, and Pole Reference. The 'Create record' button is highlighted in the bottom right corner of the table view. A blue arrow points from the 'Create record' button to the 'Create features' pane on the right. The 'Create features' pane has a title bar with a back arrow and the text 'Create features'. Below the title bar is a 'Settings' dropdown. The pane contains several input fields: 'Pole Number' (text input), 'Joint Use Type' (dropdown menu), 'Date Recorded' (calendar icon and dropdown menu), 'Pole Reference' (text input), 'Illegally Attached?' (dropdown menu), 'Owner' (dropdown menu), and 'Subtype*' (dropdown menu). At the bottom of the pane is a blue 'Create' button. A watermark 'Activate Windows Go to Settings to activate Windows.' is visible at the bottom of the pane.

Pole Number	Joint Use Type	Date Recorded	Pole Reference
11960	Wireline		{8C580634-7}
11969	Wireline		{2BEF8061-C}
11978	Wireline		{3133E669-7}
11987	Wireline		{E69E8CC3-8}
11994	Wireline		{E1B5ACDB-}
12001	Wireline		{9E5A292A-E}
12033	Wireline		{FA85F9F8-9}
12035	Wireline		

However, clicking Create record while viewing the contents of the ElectricJunctionObject pops a pane with the title Select feature type showing all the feature classes within the UN. From this form, all that we can do is select a feature class and place a point in the map; which is not the intended action.



Suggestions

From gis_KIWI4

*I don't believe that is the intended behavior even if the table is part of the UN.
The table in my example is part of our UN.*

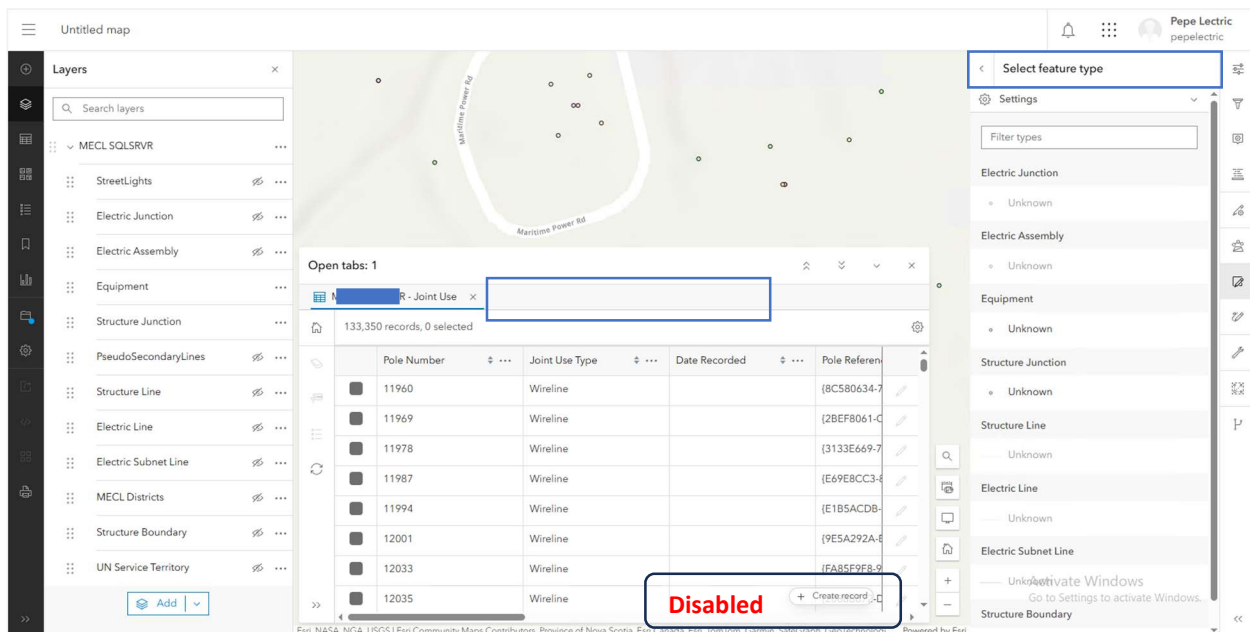
Could you try something please. Try removing and re-adding the table and also try creating a "form" in the Configure Editing settings.

From Rich Ruh

We've been discussing this here as well. We think @gis_KIWI4 has the right idea. If that doesn't work, try opening the editor from selecting the table in the layer list rather than from the create record button, to see if that makes a difference.

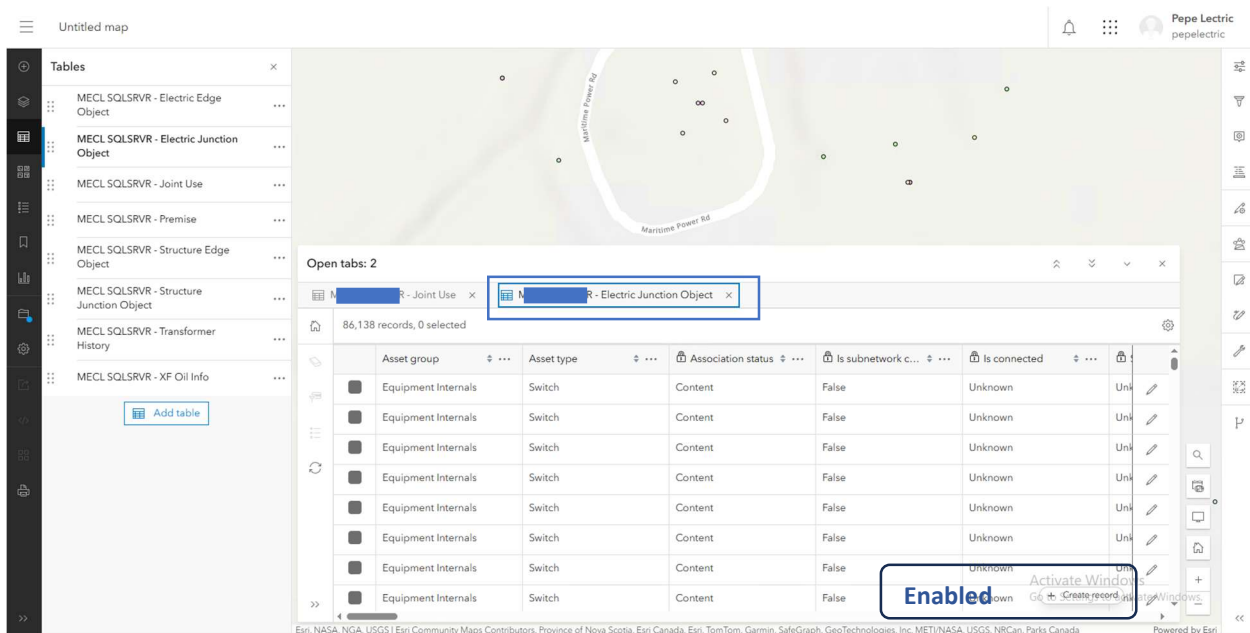
Implementing the Suggestions and Results

1. Remove the table (ElectricJunctionObject).



NOTE: After removing the table from the Open tabs, the Select feature type pane remains in view, and the Create record button is not enabled. I am forced to click something else, like Filter, to make that pane disappear and the Create record (now for the Joint Use) reactivate.

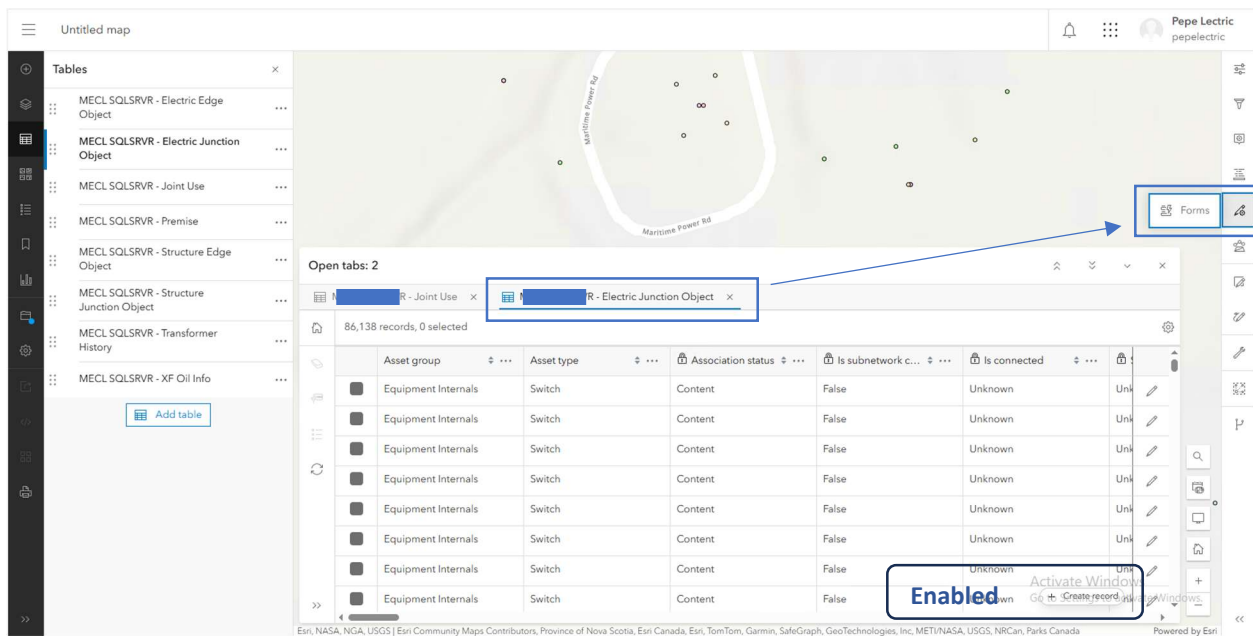
2. Add the table (ElectricJunctionObject).



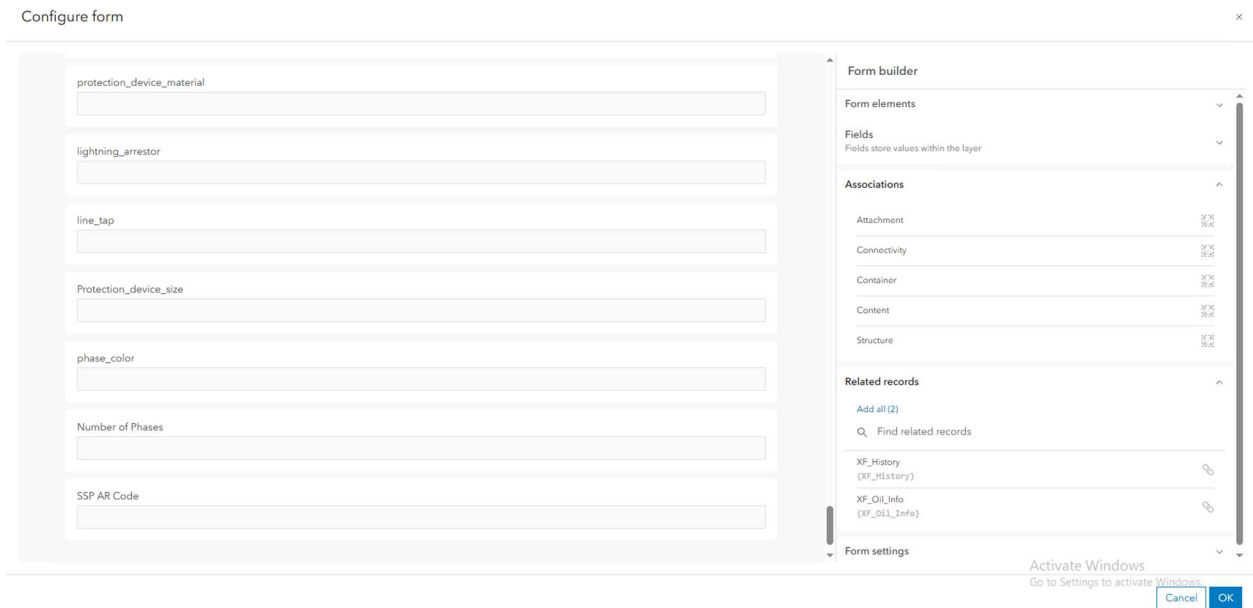
3. Click Create record again... Same behavior: Select feature type.

- Must click something like filter to make the application responsive again.

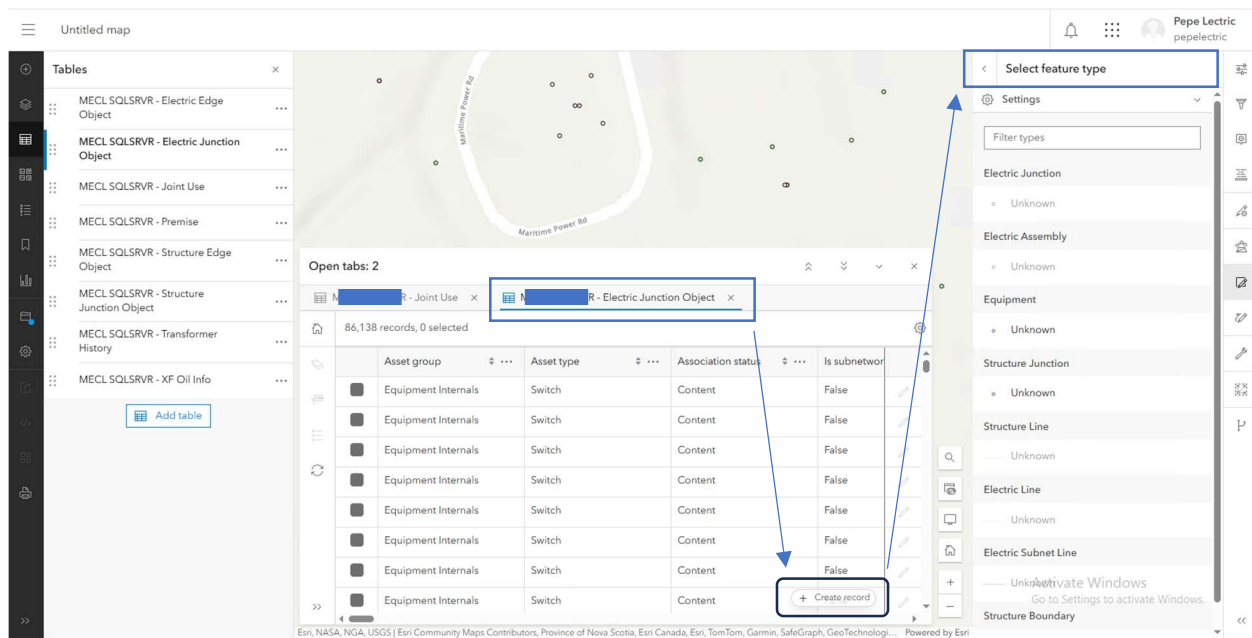
4. Adding Form.



5. For simplicity, we added all fields when configuring Form.



6. Clicked Create record (while Electric Junction Object is selected in Open tabs), and the issue is reproduced: Select feature type.



Additional Checks

Out of the published Feature Service, we did check its contents:

Layers:

- [StreetLights](#) (0)
- [Electric Junction](#) (1)
- [Electric Assembly](#) (2)
- [Equipment](#) (3)
- [Structure Junction](#) (4)
- [PseudoSecondaryLines](#) (5)
- [Structure Line](#) (6)
- [Electric Line](#) (7)
- [Electric Subnet Line](#) (8)
- [Structure Boundary](#) (10)
- [UN Service Territory](#) (11)
- [Network Utility Network](#) (12)
 - [Dirty Areas](#) (13)

Tables:

- [Electric Edge Object](#) (14)
- [Electric Junction Object](#) (15)
- [Joint Use](#) (16)
- [Premise](#) (17)
- [Structure Edge Object](#) (18)
- [Structure Junction Object](#) (19)
- [Transformer History](#) (20)
- [XF Oil Info](#) (21)

Then, verified the Table REST endpoint capabilities for both:

1. Joint Use

Relationships:

- StructureJunction (1) -- Related To: [Structure Junction](#) (4)

Capabilities: Query, **Create**, Update, Delete, Uploads, Editing, ChangeTracking

2. Electric Junction Object

Relationships:

- XF_History (2) -- *Related To:* [Transformer History](#) (20)
- XF_Oil_Info (3) -- *Related To:* [XF Oil Info](#) (21)

Capabilities: Query, **Create**, Update, Delete, Uploads, Editing, ChangeTracking

We also verified the capabilities of the Service itself.

The screenshot shows the 'Capabilities' configuration page for an ArcGIS REST API service. On the left is a navigation menu with options: General, Parameters, Capabilities (selected), Pooling, Processes, Caching, and Item Description. The main content area is titled 'Select and configure capabilities' and contains two columns of checkboxes. The first column includes: Mapping (always enabled) [checked], WCS [unchecked], Network Analysis [unchecked], Version Management [checked], Trace Network [unchecked], Linear Referencing [unchecked], OGC Features [unchecked], and Parcel Fabric [unchecked]. The second column includes: Validation [unchecked], WFS [unchecked], Topographic Production [unchecked], Network Diagrams [checked], KML [unchecked], WMS [unchecked], Utility Network [checked], and Feature Access [checked]. The 'Feature Access' option is highlighted with a dashed border. Below this is the 'Feature Access Configuration' section, which includes 'URLs' for REST and SOAP, both ending in '/FeatureServer'. The 'Operations Allowed' section at the bottom has three columns of checkboxes: Create [checked], Sync [unchecked], Shared Template Editing [unchecked], Query [checked], Delete [checked], Append [unchecked], Update [checked], and Extract [unchecked].

General
Parameters
Capabilities
Pooling
Processes
Caching
Item Description

Select and configure capabilities

☒ Mapping (always enabled)	☐ Validation
☐ WCS	☐ WFS
☐ Network Analysis	☐ Topographic Production
☒ Version Management	☒ Network Diagrams
☐ Trace Network	☐ KML
☐ Linear Referencing	☐ WMS
☐ OGC Features	☒ Utility Network
☐ Parcel Fabric	☒ Feature Access

Feature Access Configuration

URLs

REST
URL: [redacted]/FeatureServer

SOAP
URL: [redacted]/FeatureServer

Operations Allowed

☒ Create	☒ Query	☒ Update
☐ Sync	☒ Delete	☐ Extract
☐ Shared Template Editing	☐ Append	

We even bounced the Service 😊