

Development Strategies

Development Strategies are used to describe to the simulator how a field will be developed – that is, which wells will produce or inject, what rates and pressures they will flow at, what operations will be carried out on the wells over time, and so forth.

Development strategies make it easy to keep track of how the control of a field evolves with time: for example, as new wells are drilled, the target field rates change; wells are converted from producer to injector; new platforms and manifolds are added; and so on.

Development strategies make it easy to apply the same constraint to many wells, using well folders, or different values of a particular constraint to individual wells.

How to create development strategy:

1. In the **Processes** pane, open **Simulation** and double-click on the **Make development strategy** process.

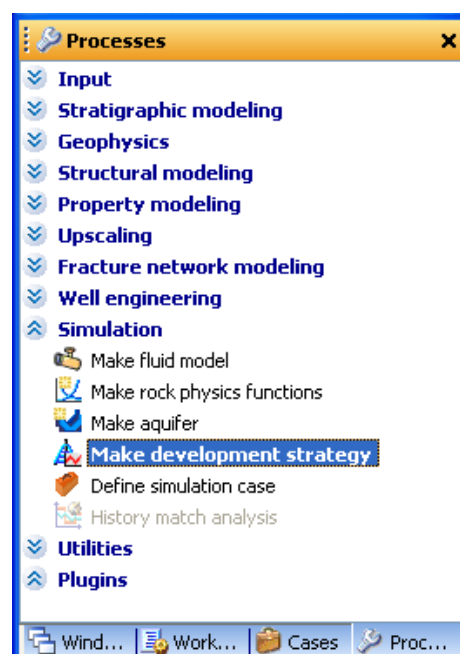


Fig.28.1:Make development strategy in the processes pane

2. In the process dialog select between the two strategy types – **history** or **prediction**. For example we will choose **prediction**.
3. Select the **simulator(s)** for which the strategy will be valid. For example we will choose **E100**.

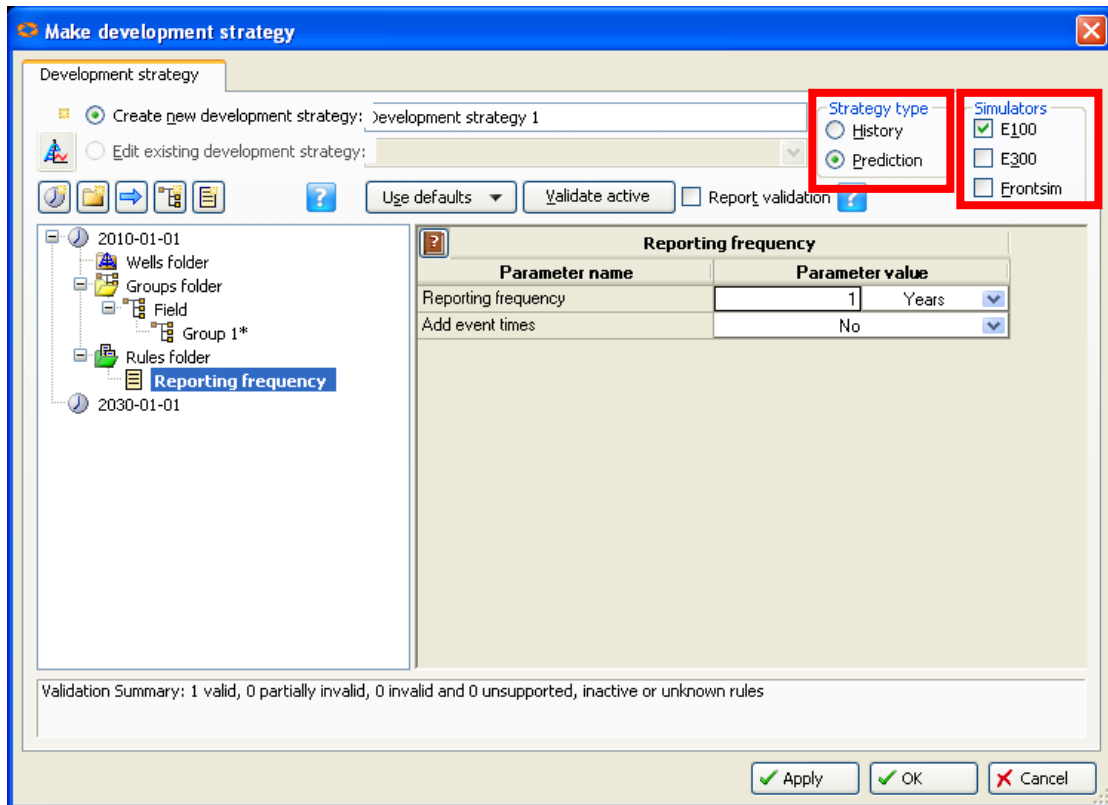


Fig.28.2:Make development strategy dialog box.

4. Add the control dates to the strategy tree using the **Add a new date**.

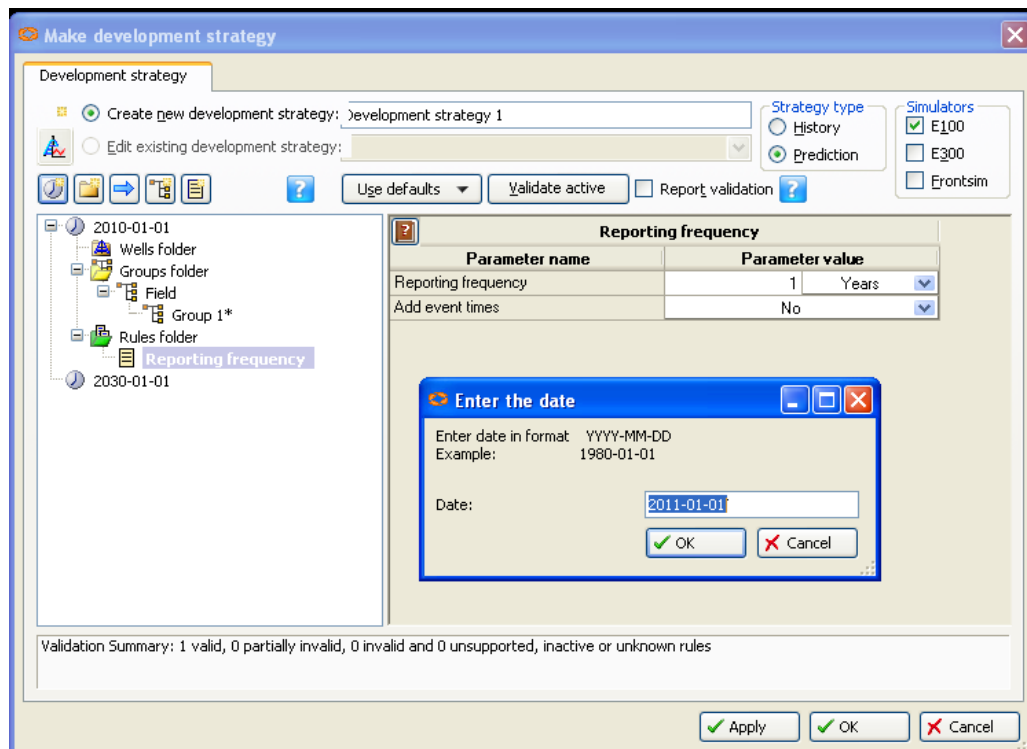


Fig.28.3:Make development strategy dialog box with Enter the date pop up box.

5. Select wells or well folders from the **Wells** folder in the **Input** pane, and add them to the strategy tree using the **Add selected wells or well folders from the input tree**.

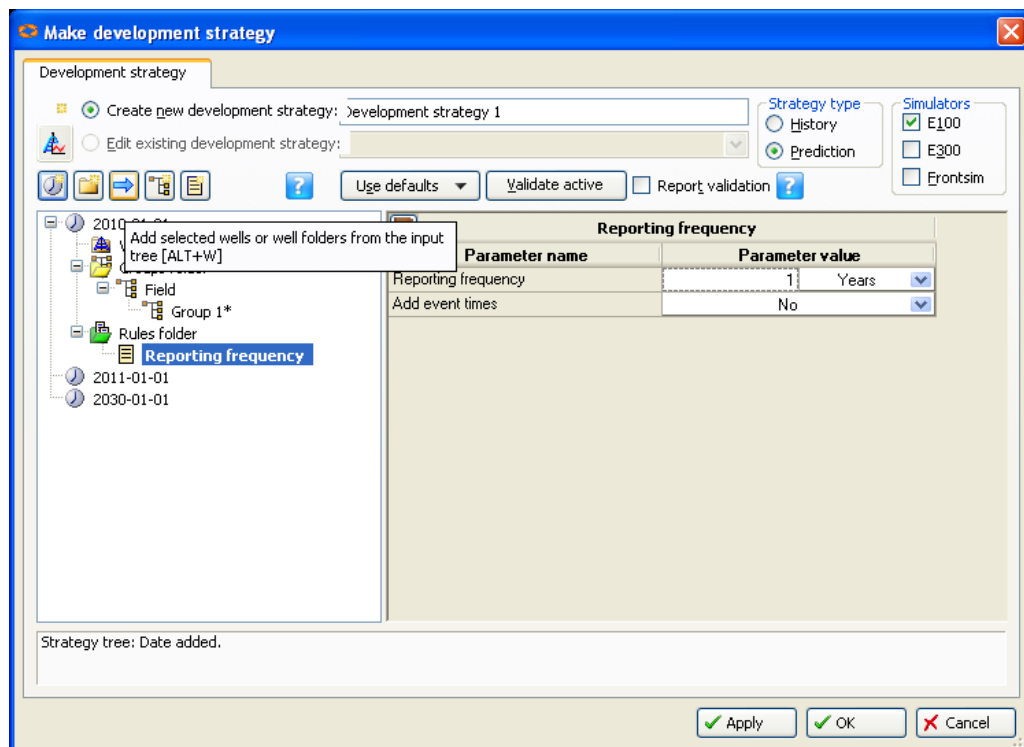


Fig.28.4:Make development strategy dialog box.

6. Press ok.

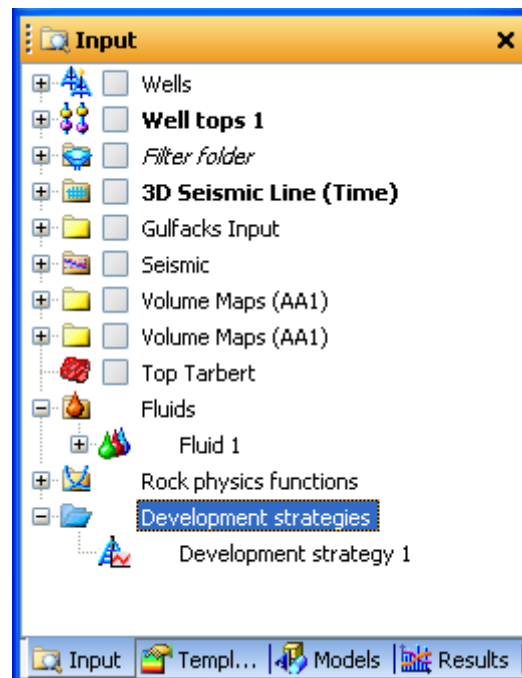


Fig.28.5:Make development strategy in the input pane.