

# RE-Studio 3D EDIT



Edit Faults Interactively

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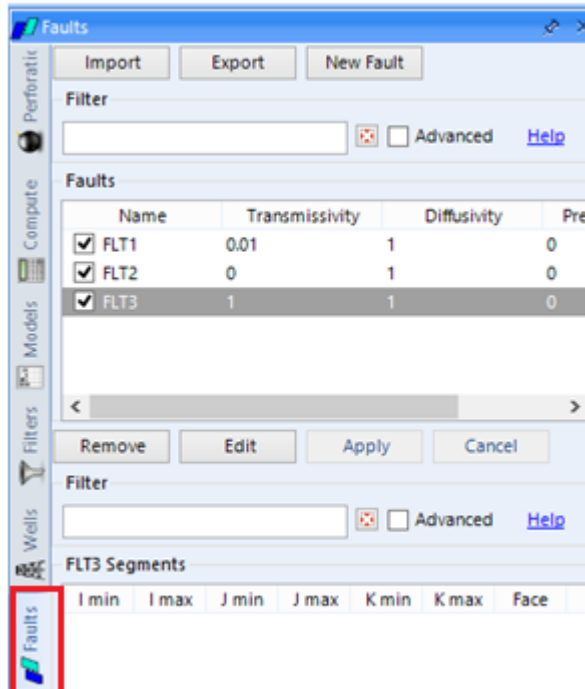
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Enjoy Engineering

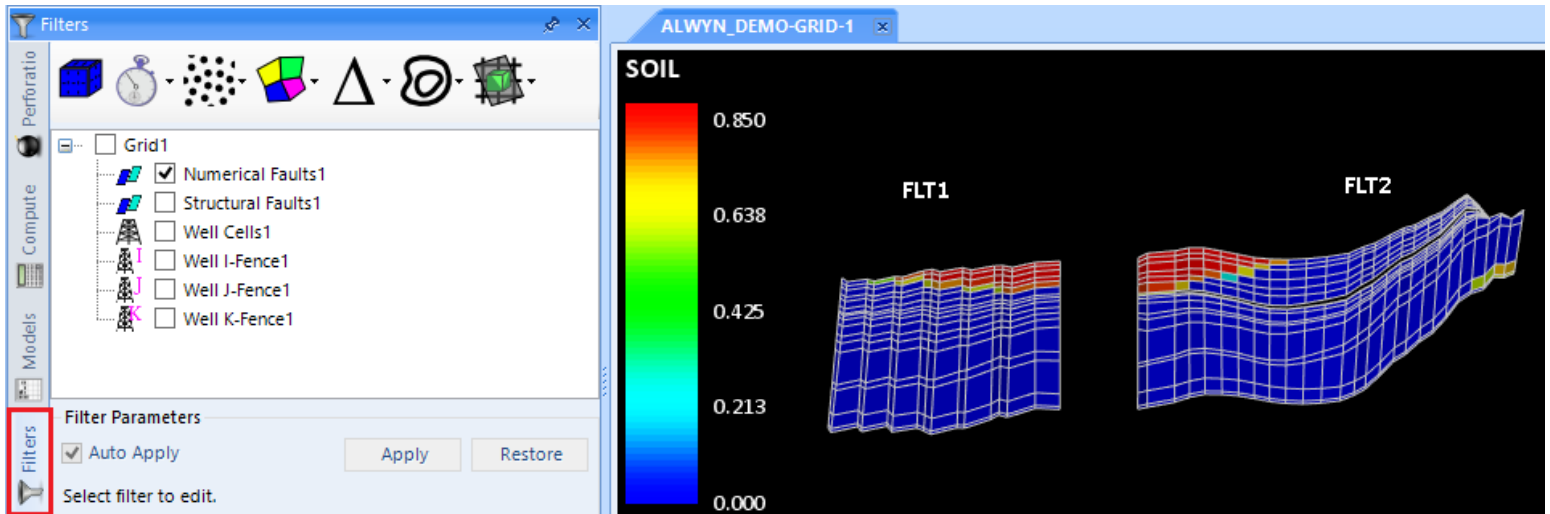
# Fault Creation Step 1

- First view the existing numerical faults in the model
- Go to FAULTS tab and select import, in this case the numerical faults are FLT1 and FLT2



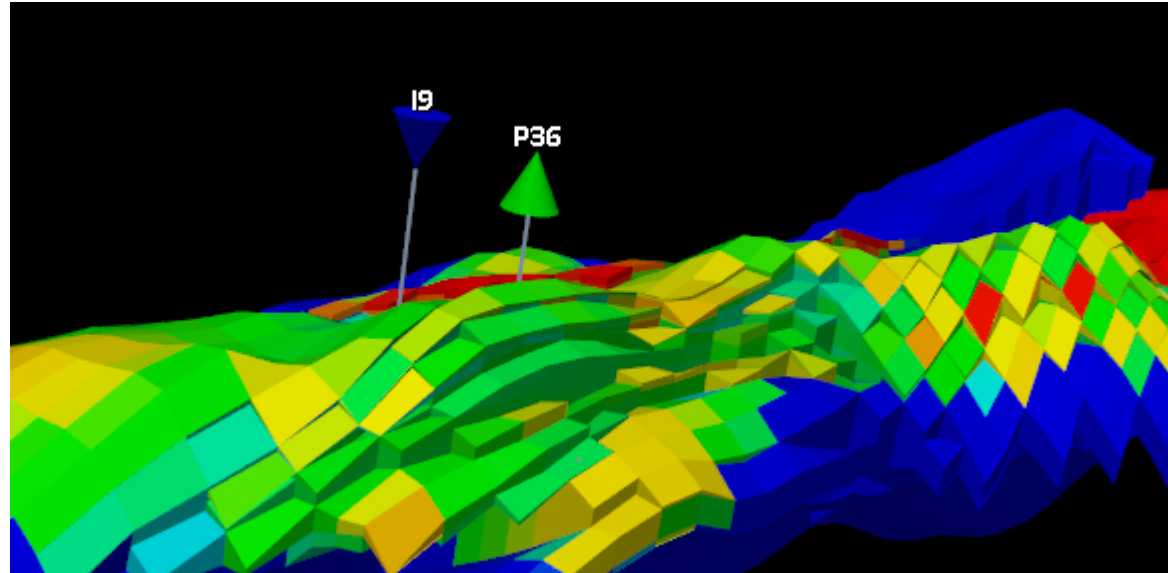
# Fault Creation Step 2

- Now visualize these faults by selecting 'Numerical Faults1' in the Filter table



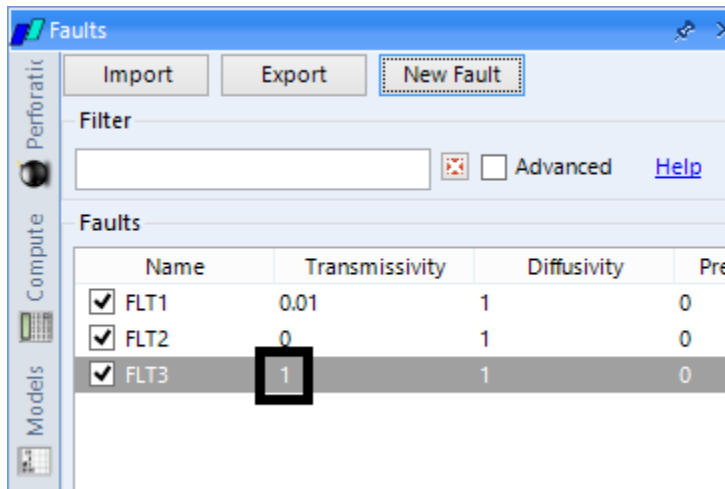
## Fault Creation Step 3

- As an example, create a FAULT between wells I9 and P36



# Fault Creation Step 4

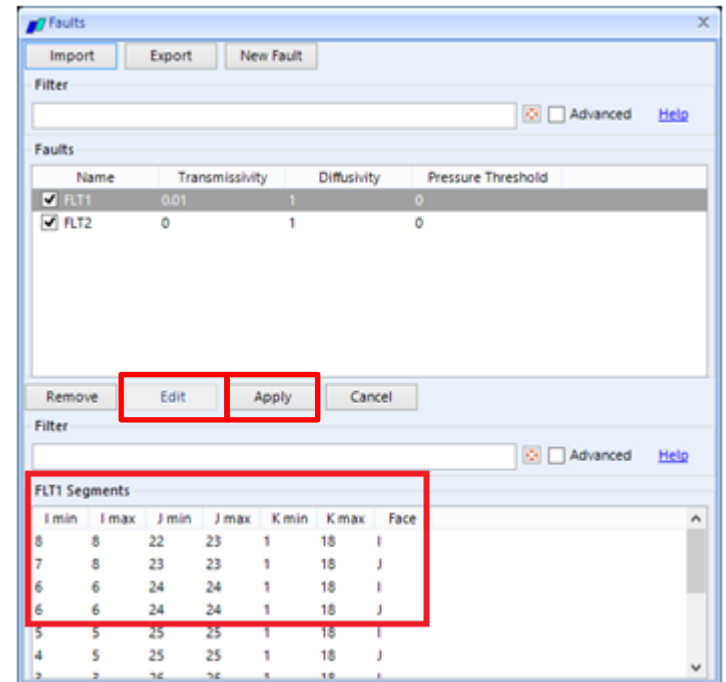
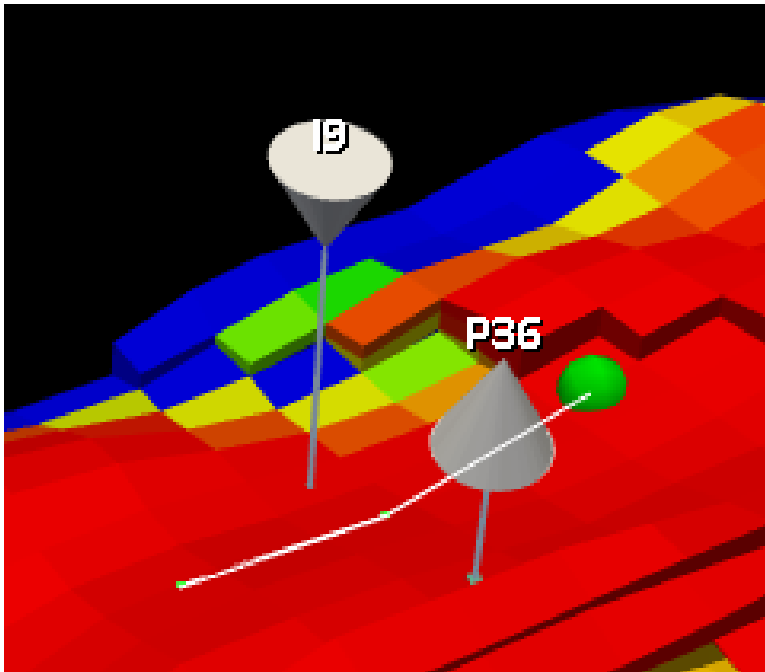
- Click back the Faults tab
- Press New Fault
- Give the name FLT3 then press OK



- We also assign it a Transmissivity of 0.02

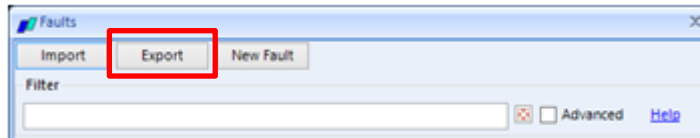
# Fault Creation Step 5

- Click EDIT
- Proceed to Right Click between I9 and P36
- Press Apply



# Fault Creation Step 6

- Click Export



- Save the file which results in an ECLIPSE format include file

```
19      'FLT2'          15          15          4          4          1          18
20      'FLT2'          14          14          5          5          1          18
21      'FLT2'          14          14          5          5          1          18
22      'FLT2'          13          13          6          7          1          18
23      'FLT2'          13          13          7          7          1          18
24      'FLT2'          12          12          8          19          1          18
25      'FLT2'          12          12          19          19          1          18
26      'FLT3'           8           8          79          80          1          18
27      'FLT3'           8           8          76          78          1          18
28      'FLT3'           8           8          75          75          1          18
29 /
30
31 MULTFLT
32      'FLT1'          0.01          1/
33      'FLT2'           0          1/
34      'FLT3'          0.02          1/
35 /
```