

### Extra Run

The cooperator has asked you to evaluate one additional development option:

- The Reilly well pumps at -67,000 just as in the other cases.
- The Virginia City wells are removed.
- A dewatering operation is initiated at row 23, column 20. The head in row 23, column 20 must be lowered to 2 feet above datum.

Questions:

1. How much water must be pumped from row 23, column 20, layer 1 to keep the head in that cell equal to 2?
2. What will the lake stage be for this situation?

HINT: Use a drain with a high drain conductance in row 23, column 20, layer 1.