Canyon Mine environmental review completed, approved to move ahead by the state of Arizona and the U.S. Forest Service. Both regulators are told by the mine operator that the mine will not intersect groundwater. Approvals are given with that foundational assumption in mind.

Canyon Mine goes on standby with an unfinished mine shaft 50 feet deep.

671,394 gallons of groundwater are pumped out of the mine shaft, which advances from 50 feet to 300 feet deep.

Mine on standby. The mine operator reports that it removed no water and advanced the shaft 0 feet.

151,403 gallons of groundwater are pumped out of the mine shaft. Mine comes off standby status in October. Water is pumped out in October, November, and December. Mine shaft advances from 300 feet to 450 feet.

1,422,066 gallons of groundwater are pumped out of the mine shaft. Samples of water removed from the mine shaft begin showing elevated levels of dissolved uranium and arsenic. This is also the year that the mine shaft reaches the level of the ore body (900–1,400 feet below the surface).

8,788,595 gallons of groundwater are pumped out of the mine shaft. Mine shaft advances from 1,400 feet to 1,450 feet.

9,682,888 gallons of groundwater are pumped out of the mine shaft. Mine shaft advances from 1,450 feet to 1,470 feet, the depth the mine operator says mining operations will commence. The operator then suspends operations.

10,667,441 gallons of groundwater are pumped out of the mine shaft. Canyon Mine operations remain suspended.

9,446,635 gallons of groundwater are pumped out of the mine shaft. Canyon Mine operations remain suspended.

Information in this graphic comes from annual aquifer protection permit reports submitted by Energy Fuels Resources to the Arizona Department of Environmental Quality. Artistic rendering. Not to scale.