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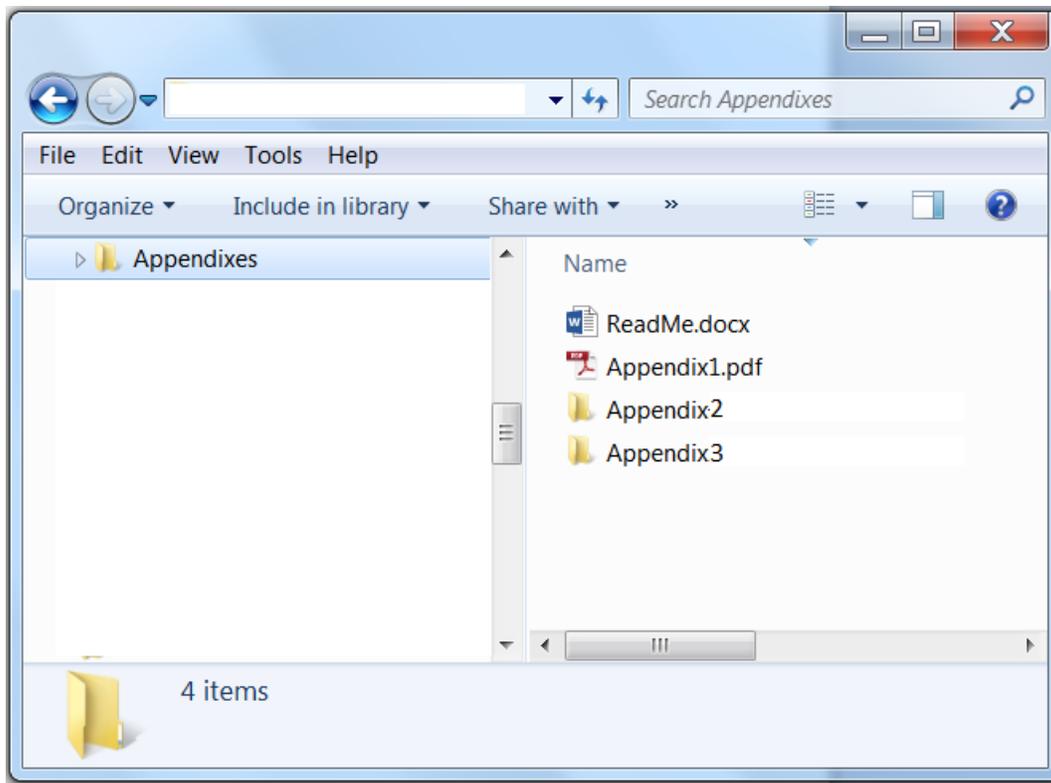
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## File Structure for Pahute Mesa Appendixes

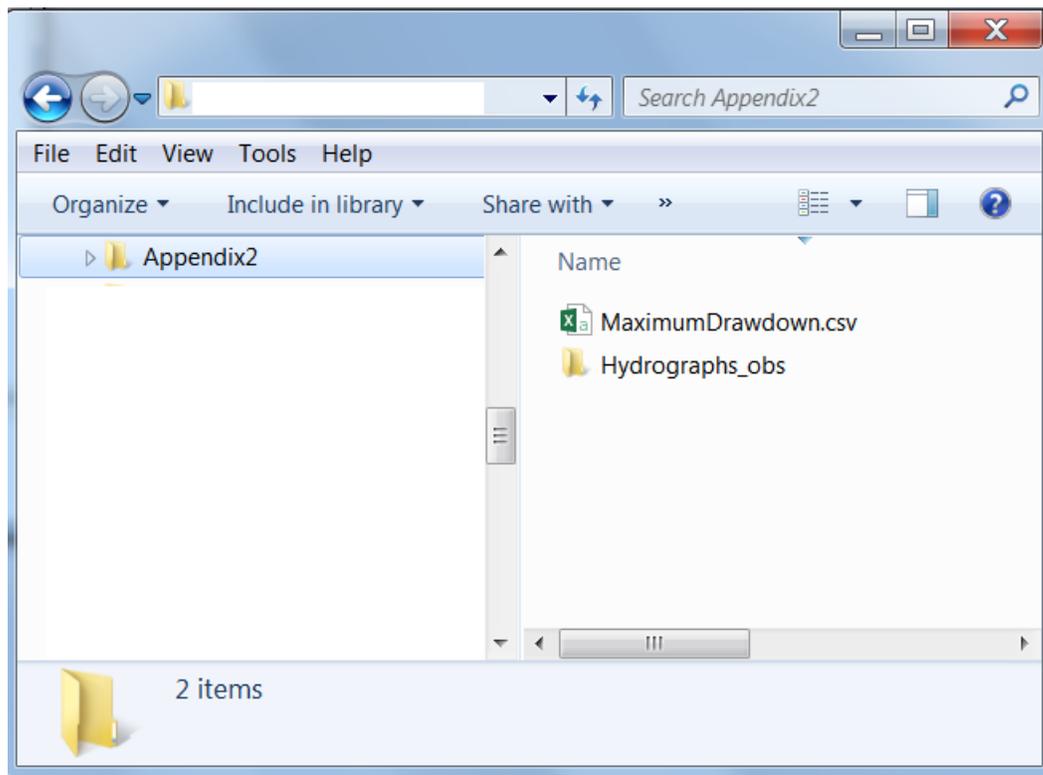
Pahute Mesa Appendixes are shown in Figure 1. The *Appendix1.pdf* file in the root directory contains well construction information for and hydrostratigraphic units penetrated by all pumping and observation wells monitored during 2009-2014 multiple-well aquifer testing at Pahute Mesa. Appendixes 2 and 3 are organized by observed and simulated data, respectively.



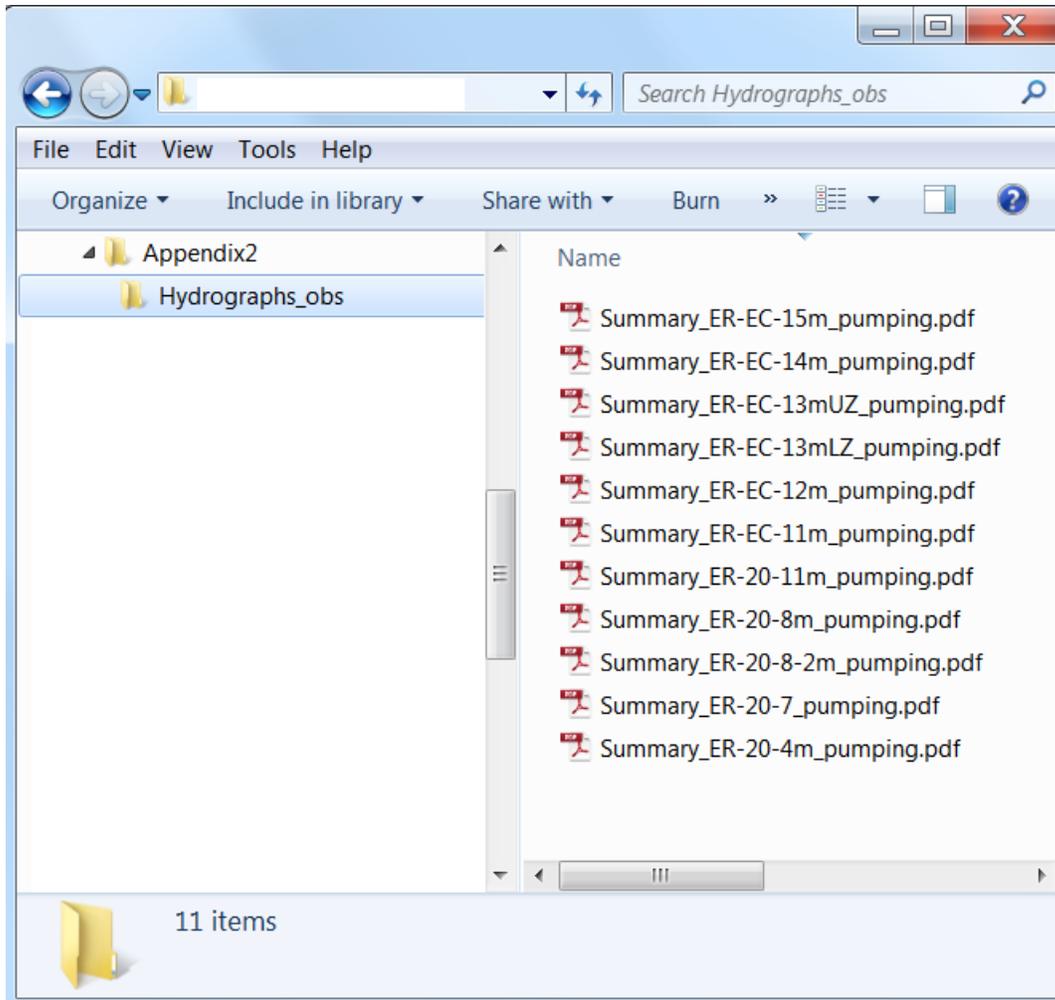
**Figure 1.** Root directory for Pahute Mesa appendixes.

Maximum observed drawdown datasets and observed drawdown hydrographs are summarized in *Appendix2* (fig. 2). Maximum observed drawdown datasets including maximum observed drawdown, root-mean-square error (RMSE), signal-to-noise ratio, drawdown-detection classification, and

associated remarks for pumping- and observation-well pairs are tabulated in a comma-separated values (.csv) file (MaximumDrawdown.csv). Column headers are described in the workbook. Observed drawdown hydrographs for all pumping- and observation-well pairs are located in the *Hydrographs\_obs* subdirectory and are summarized by pumping-well site, where *m* denotes main well, *UZ* represents upper zone completion and *LZ* represents the lower zone completion (fig. 3).



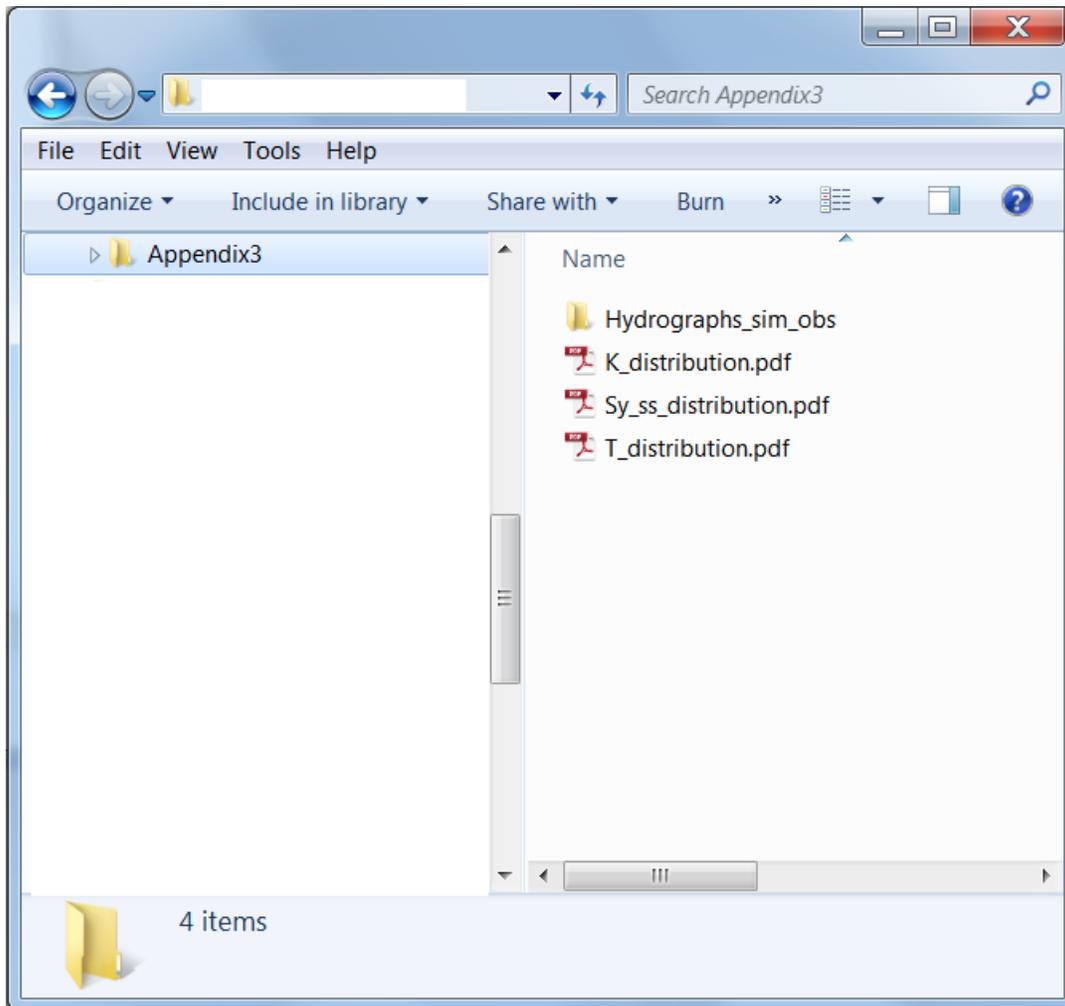
**Figure 2.** Summary of maximum observed drawdown datasets and observed drawdown hydrographs for each pumping- and observation-well pair for the 16 multiple-well aquifer tests at Pahute Mesa, 2009-2014, in directory Appendix2.



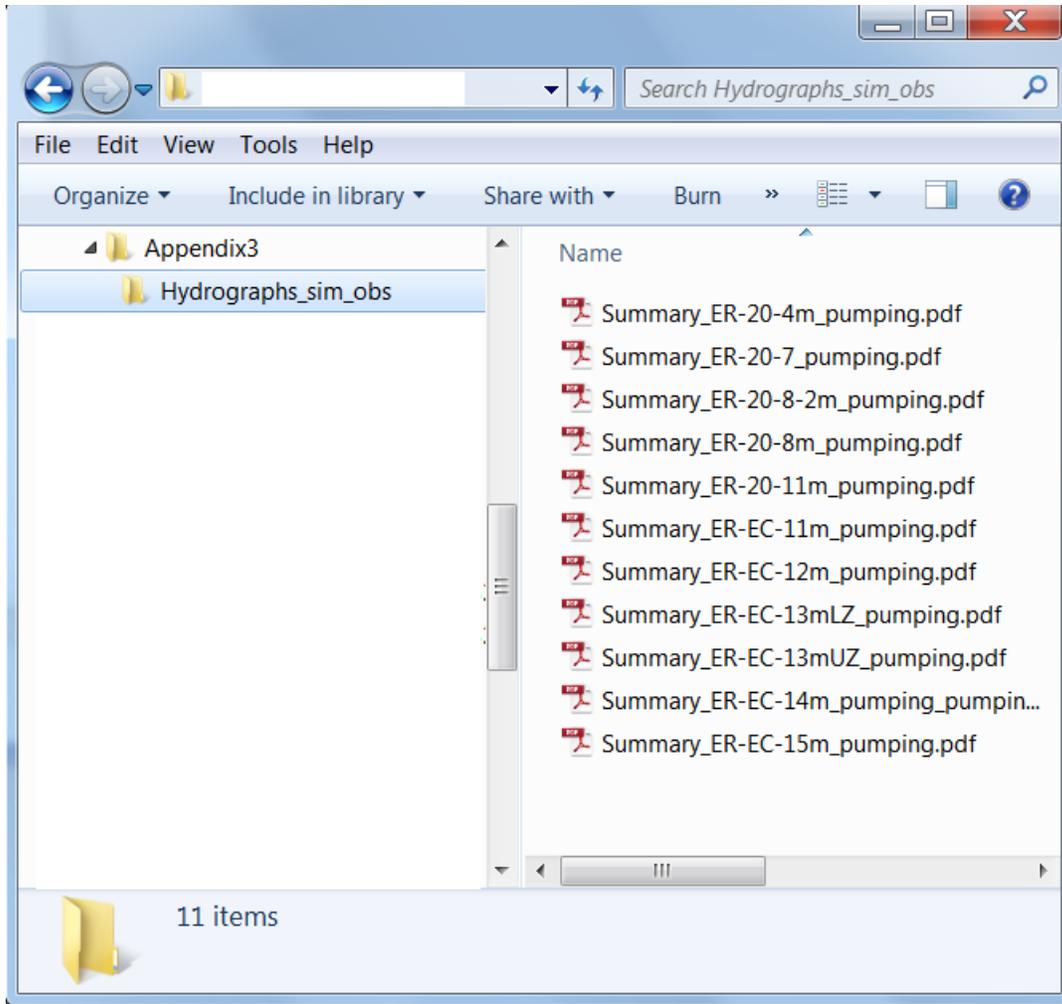
**Figure 3.** Observed drawdown hydrographs, summarized by pumping-well site, for the 16 multiple-well aquifer tests at Pahute Mesa, 2009-2014, in subdirectory Appendix2\Hydrographs\_obs

Simulated and observed drawdown hydrographs for all pumping- and observation-well pairs and mapped hydraulic property distributions are summarized in *Appendix3* (fig. 4). Hydrographs are located in the *Appendix3\Hydrographs\_sim\_obs* subdirectory and are summarized by pumping-well site, where *m* denotes main well, *UZ* represents upper zone completion and *LZ* represents the lower zone completion (fig. 5). Hydraulic property distributions for modified hydrostratigraphic units are summarized by hydraulic property where simulated hydraulic conductivity distributions are shown in

*K\_distribution.pdf*, simulated specific yield and specific storage distributions are shown in *Sy\_ss\_distributions.pdf*, and simulated transmissivity distributions are shown in *T\_distribution.pdf* (fig. 4).



**Figure 4.** Summary of hydrographs comparing simulated and observed drawdown for each pumping- and observation-well pair for the 16 multiple-well aquifer tests at Pahute Mesa, 2009-2014, and mapped hydraulic-property distributions for each modified hydrostratigraphic unit, in Appendix3.



**Figure 5.** Simulated and observed drawdown hydrographs, summarized by pumping-well site, for the 16 multiple-well aquifer tests at Pahute Mesa, 2009-2014, in subdirectory Appendix3\Hydrographs\_sim\_obs.