



## Assessing Hydraulic Connections Across a Complex Sequence of Volcanic Rocks-Analysis of U-20 WW Multiple-Well Aquifer Test, Pahute Mesa, Nevada National Security Site, Nevada: Usgs Scientific Investigations Report 2011-5173

By C Amanda Garcia, Joseph M Fenelon

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Groundwater beneath Pahute Mesa flows through a complexly layered sequence of volcanic rock aquifers and confining units that have been faulted into distinct structural blocks. Hydraulic property estimates of rocks and structures in this flow system are necessary to assess radionuclide migration near underground nuclear testing areas. The U.S. Geological Survey (USGS) used a 12 month (October 1, 2008-October 1, 2009) intermittent pumping schedule of well U-20 WW and continuously monitored water levels in observation wells ER-20-6 #3, UE-20bh 1, and U-20bg as a multi-well aquifer test to evaluate hydraulic connections across structural blocks, bulk hydraulic properties of volcanic rocks, and the hydraulic significance of a major fault. Measured water levels were approximated using synthetic water levels generated from an analytical model. Synthetic water levels are a summation of environmental water-level fluctuations and a Theis (1935) transform of the pumping signal from flow rate to water-level change. Drawdown was estimated by summing residual differences between measured and synthetic water levels and the Theis-transformed pumping signal from April to September 2009. Drawdown estimates were used in a three-dimensional numerical...



[READ ONLINE](#)  
[ 3.48 MB ]

### Reviews

*This pdf is indeed gripping and exciting. It is written in easy words and phrases and not confusing. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

-- **Alayna Kuphal**

*Absolutely essential go through ebook. It typically does not cost a lot of. I realized this publication from my i and dad encouraged this publication to discover.*

-- **Mallie Ondricka**

## Other PDFs



**Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)**

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible...



**Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)**

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible only...



**A Scandal a Secret a Baby 3122 by Sharon Kendrick 2013 Paperback Large Type**

Book Condition: Brand New. Book Condition: Brand New.



**Water From The Well: Sarah, Rebekah, Rachel, and Leah**

HarperOne. Hardcover. Book Condition: New. 0060737964 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!! \* I...



**From Kristallnacht to Israel: A Holocaust Survivor s Journey**

Dog Ear Publishing, United States, 2009. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.In the 1930s, as evil begins to envelope Europe, Karl Rothstein is born in Austria. As his life...



**RCadvisor s Modify: Design and Build From Scratch Your Own Modern Flying Model Airplane In One Day for Just**

Rcadvisor.com, United States, 2009. Paperback. Book Condition: New. 238 x 166 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Experience firsthand the joys of building and flying your very own model airplane design. Put into practice the lessons from...