

BIBLIOGRAPHY OF GEOTHERMAL CHARACTERISTICS OF THE ROOSEVELT HOT SPRINGS SYSTEM AND ADJACENT FORGE EGS SITE, MILFORD, UTAH



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This bibliography of papers on the RHS and the FORGE site has been compiled because of the “gray” literature, such as conference proceedings, of most of the work. The format of these references is not uniform because of the differing databases that they have been pulled from. Active links for almost all publications have been inserted. In the case of copyrighted material the link references the appropriate journal.

- Allis, R.G., and Larsen, G., 2012, *Roosevelt Hot Springs Geothermal field, Utah—reservoir response after more than 25 years of power production*. Proc. 37th Workshop on Geothermal Reservoir Engineering, Stanford University, 8 p., <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2012/Allis.pdf>.
- Allis, R.G., Gwynn, M., Hardwick, C., Kirby, S., Moore, J., and Chapman, D., 2015, *Re-evaluation of the pre-development thermal regime of Roosevelt Hot Springs geothermal system, Utah*. Stanford Geothermal Reservoir Engineering Workshop. <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=8019519>.
- Allis, R.G., 2014, *Formation pressure as a potential indicator of high stratigraphic permeability*. Proc. 39th Workshop on Geothermal Reservoir Engineering, Stanford University, 11 p., <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2014/Allis.pdf>.
- Allis, R.G., Gwynn, M., Kirby, S., 2017, *Pressure Trends at Cove Fort and Roosevelt Hot Springs Geothermal Systems Provide Insight to Their Flow Regime*, Geothermal Resources Council Transactions, <http://pubs.geothermal-library.org/lib/grc/1033782.pdf>.
- Allis, R.G., Gwynn, M., Hardwick, C., and Moore, J., 2018, *The Challenge of Correcting Bottom-Hole Temperatures—an example from FORGE 58-32, near Milford, Utah*, Proc. 43rd Workshop on Geothermal Reservoir Engineering, Stanford University, 8 p., <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2018/Allis.pdf>.
- Allis, R.G., Moore, J., Davatzes, N., Gwynn, M., Hardwick, C., Kirby, S., McLennan, J., Pankow, K., Potter, S., and Simmons, S., 2016, *EGS Concept Testing and Development at the Milford, Utah FORGE Site*, Stanford Geothermal Workshop, 13 p., <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2016/Allis.pdf>.
- Allis, R.G., Gwynn, M., Hardwick, C., Hurlbut, W., and Moore, J., 2018, *Thermal Characteristics of the FORGE site, Milford, Utah*, Geothermal Resources Council Transactions, 42, p. 1011-1025, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1033913>.
- Atkinson, D.J., 1981, *The Roosevelt Field: new model and geochemical evaluation*. Trans. GRC, 5, p. 149-152, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1000757>.
- Balamir, O., Rivas, E., Rickard, W.M., McLennan, J., Mann, M., and Moore, J., 2018, *Utah FORGE Reservoir: Drilling Results of Deep Characterization and Monitoring Well 58-32*, Proc. 43rd Workshop on Geothermal Reservoir Engineering, Stanford University, 7 p., <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2018/Balamir.pdf>.
- Ballantyne, G.H., 1978, *Hydrothermal Alteration at the Roosevelt Hot Springs Thermal Area, Utah : Characterization of Rock Types and Alteration in Getty Oil Company Well Utah State 52-21*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <https://www.osti.gov/biblio/6579521>.
- Ballantyne, J.M., 1978, *Hydrothermal Alteration at the Roosevelt Hot Springs Thermal Area, Utah : Modal Mineralogy, and Geochemistry of Sericite, Chlorite, and Feldspar from Altered Rocks, Thermal Power Company Well Utah State 14-2*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <https://www.osti.gov/biblio/5754229>.
- Ballantyne, J.M., and Parry, W.T., 1978, *Hydrothermal Alteration at the Roosevelt Hot Springs Thermal Area, Utah : Petrographic Characterization of the Alteration to 2 Kilometers Depth*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <https://digitalcommons.usu.edu/govdocs/275/>.

- Ballantyne, J.M., 1980, *Geochemistry of Sericite and Chlorite in Well 14-2 Roosevelt Hot Springs Geothermal System and in Mineralized Hydrothermal Systems*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <https://www.osti.gov/biblio/5285752>.
- Bamford, R.W., 1978, *Geochemistry of Solid Materials from Two U. S. Geothermal Systems and Its Application to Exploration*. Salt Lake City: Earth Science Laboratory, University of Utah Research Institute, <https://www.osti.gov/biblio/6779944>.
- Bamford, R.W., 1980, *Multielement Geochemistry of Solid Materials in Geothermal Systems and Its Applications : Part 1, the Hot-Water System at the Roosevelt Hot Springs KGRA, Utah*. Salt Lake City, Utah: Earth Science Laboratory, University of Utah Research Institute, <https://www.osti.gov/biblio/5197458>.
- Bamford, R.W., Bowman, J.R., Brown, F.H., Cook, K.L., Chapman, D.S., Hohmann, G.W., Nash, W.P., et al., 1977, *Geothermal Research, Roosevelt Hot Springs KGRA*. Salt Lake City, Utah: University of Utah, <https://www.osti.gov/biblio/896040>.
- Barker, C.A., 1986, *Upper-Crustal Structure of the Milford Valley and Roosevelt Hot Springs, Utah Region : By Modeling of Seismic Refraction and Reflection Data*. Thesis MS--Dept. of Geology and Geophysics, University of Utah, <https://www.worldcat.org/oclc/14865881>.
- Becker, D.J., and Blackwell, D., 1993, *A Hydrothermal Model of the Roosevelt Hot Springs Area, Utah, USA, N.Z. Geothermal Workshop*, https://www.geothermal-energy.org/cpdb/record_detail.php?id=2105.
- Becker D.J., and Blackwell, D., 1983, *Gravity and hydrothermal modeling of the Roosevelt Hot Springs area, southwest Utah*. *Jl. Geophysical Research*, 98, 17,787-17,800, <https://onlinelibrary.wiley.com/doi/10.1029/93JB01231/abstract>.
- Benoit, W.R., and Butler, R.W., 1980, *A review of high-temperature geothermal developments in the northern Basin and Range Province*. Geothermal Resources Council Transactions, Special report No. 13, 57-80, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1005447>.
- Benoit, D., 2013, *An empirical injection limitation in fault-hosted Basin and Range geothermal systems*. *Trans. GRC*, 37, 887-894, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1030675>.
- Blackett, R.E., 2005, *Geothermal Utah — geology, resources and development in the Beehive State: Bulletin - Geothermal Resources Council*, v. 34, no. 2, p.78-83, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=7004995>.
- Blackett, R.E., and Moore, J.N., editors, 1994, *Cenozoic geology and geothermal systems of southwestern Utah*. Utah Geological Association Publication 23, 215 p., <https://www.utahmapstore.com/uga23.html>.
- Blackett, R.E., and Ross, H.P., 1992, *Recent exploration and development of geothermal resources in the Escalante Desert region of southwestern Utah*, Harty, K.M., in: *Engineering Geology of southwest Utah: Utah Geological Association Publication 21, 1992 Field Symposium*, 261-280. http://archives.datapages.com/data/uga/data/063/063001/261_ugs630261.htm.
- Blackwell, D.D., and Chapman, D.S., 1977, *Interpretation of geothermal gradient and heat flow data for Basin and Range geothermal systems*. Geothermal Resources Council Transactions, 1, 19-20, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1000007>.
- Bowman, J.R., and Rohrs, D.T., 1981, *Light Stable Isotope Studies of Spring and Thermal Waters from the Roosevelt Hot Springs and Cove Fort/Sulphurdale Thermal Areas and of Clay Minerals from the Roosevelt Hot Springs Thermal Area*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, DOE/ID 12079-44, 36 p., <http://www.osti.gov/biblio/5245145>.
- Bowman, J.R., 1980, University of Utah. Dept. of Geology and Geophysics, and United States. Dept. of Energy. Division of Geothermal Energy. *Management Assistance and Technical Support for the Programs in Exploration Technology : Final Report, for the Period December 1, 1978 - February 28, 1980*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <http://www.osti.gov/biblio/6509015>.
- Bowman, J.R., 1979, *Stable Isotope Investigation of Fluids and Water-Rock Interaction in the Roosevelt Hot Springs Thermal Area, Utah*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <http://www.osti.gov/biblio/5911506>.
- Bowman, J.R., Brown, F.H., Cook, K.L., Nash, W.P., Parry, W.T., Sill, W.R., Smith, R.B., Ward, S.H., and Whelan, J.A., 1976, *Geothermal Research, Roosevelt Hot Springs KGRA*. Salt Lake City, Utah: University of Utah, <http://www.osti.gov/biblio/5665459>.
- Brown, F.H., 1977, *Attempt at Paleomagnetic Dating of Opal, Roosevelt Hot Springs KGRA*. Salt Lake City: University of Utah, Dept. of Geology and Geophysics, <http://www.osti.gov/biblio/5754238>.

- Brumbaugh, W.D., 1977, *Gravity Survey of the Cove Fort-Sulphurdale KGRA and the North Mineral Mountains Area, Millard and Beaver Counties, Utah*. Salt Lake City: University of Utah, Dept. of Geology and Geophysics, <http://www.osti.gov/biblio/893365>.
- Bruhn, R.L., Yusas, M.R., and Huertas, F., 1981, *Mechanics of low-angle faulting: an example from Roosevelt Hot Springs geothermal area, Utah*. *Tectonophysics*, 86, p. 343-361, <http://www.sciencedirect.com/science/article/pii/0040195182901792>.
- Bryant, N.L., and Parry, W.T., 1977, *Hydrothermal Alteration at Roosevelt Hot Springs KGRA - DDH 1976-1*. Salt Lake City: Department of Geology and Geophysics, University of Utah, DOE/ID/01601-T9, 96 p., <http://www.osti.gov/biblio/5815782>.
- Butz, J.R., 1980, *A case study of two-phase flow at the Roosevelt Hot Springs, Utah KGRA*. *Trans. GRC*, 4, p. 439-442, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1000622>.
- Butz, J., Plooster, M., 1979, *Subsurface Investigations at the Roosevelt KGRA, Utah : Final Report*. Denver, CO: Denver Research Institute, DOE/ET/28389-1, 81 p., <http://www.osti.gov/scitech/biblio/5592994-IPtGQs/>.
- Capuano, R.M., 1978, *Initial Investigation of Soil Mercury Geochemistry as an Aid to Drill Site Selection in Geothermal Systems*. Salt Lake City: Earth Science Laboratory, University of Utah Research Institute, <http://www.osti.gov/scitech/biblio/5778808>.
- Capuano, R., and Cole, D.R., 1982, *Fluid-mineral equilibria in a hydrothermal system, Roosevelt Hot Springs, Utah*. *Geochimica et Cosmochimica Acta*, 46, p. 1353-1364, <http://www.sciencedirect.com/science/article/pii/001670378290271X>.
- Carlston, K.J., 1982, *Electric Field Ratio Telluric Survey of the Roosevelt Hot Springs, Utah*. Thesis MS--Dept. of Geology and Geophysics, University of Utah, DE-AC07-78ET28392, 41 p., <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1019328>.
- Carter, J.A., 1978, *Regional Gravity and Aeromagnetic Surveys of the Mineral Mountains and Vicinity, Millard and Beaver Counties, Utah*. Salt Lake City: Department of Geology and Geophysics, University of Utah, 179 p., <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1020156>.
- Carter J.A., and Cook, K.L., 1978, *Regional gravity and aeromagnetic surveys of the Mineral Mountains and vicinity, Millard and Beaver Counties*. DOE/DGE Report volume 77-11, Contract EY-76-S-07-1601 with University, Salt Lake City, <http://www.osti.gov/scitech/biblio/5665404>.
- Christensen, O.D., Moore, J.N., and Capuano, R.M., 1980b, *Trace element geochemical zoning in the Roosevelt Hot Springs thermal area, Utah*. *Geothermal Resources Council Transactions*, 4, p. 149-152. <http://pubs.geothermal-library.org/lib/grc/1000549.pdf>.
- Chu, J.J., 1980, *Induced Polarization Data at Roosevelt Hot Springs Geothermal Area, Utah*. Thesis MS1980—Dept. of Geology and Geophysics, University of Utah, 55 p., <http://ngds.egi.utah.edu/files/GL04031/GL04031.pdf>.
- Chu, J.J., Sill, W.R., and Ward, S.H., 1979, *Induced Polarization Measurements at Roosevelt Hot Springs Thermal Area, Utah*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/6564250>.
- Clement, M.D., 1981, *Heat Flow and Geothermal Assessment of the Escalante Desert, Southwestern Utah, with Emphasis on the Newcastle KGRA*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/6150551>.
- Cochrane, F., Tosaya, C.A., and Owen, J.L., 1988, *Evaluation of a site-specific commercial hot dry rock geothermal power prospect*. *Geothermal Resources Council Transactions*, 12, 375-382 p., <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1001731>.
- Cook, K.L., 1978, *Precision Leveling and Gravity Studies at Roosevelt Hot Springs KGRA, Utah*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/5696697>.
- Cook, K.L., 1980, *Detailed Gravity and Aeromagnetic Surveys of the Cove Fort-Sulphurdale KGRA and Vicinity, Millard and Beaver Counties, Utah*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/7044813>.
- Crebs, T.J., 1976, *Gravity and Ground Magnetic Surveys of the Central Mineral Mountains, Utah*. Salt Lake City: University of Utah, <http://www.osti.gov/scitech/biblio/7211157>.
- Crecraft, H.R., 1980, *Petrology, Geochronology, and Chemical Evolution of the Twin Peaks Rhyolite Domes, Utah*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/5285924>.
- Dedolph, R.E., 1976, *A Thermodynamic Model of the Hydrolysis of Microcline in Acid Sulfate Solutions*. Salt Lake City: University of Utah, Dept. of Geology and Geophysics, <http://www.osti.gov/scitech/biblio/5744970>.

- Earll, F.N., 1957, *Geology of the central Mineral Range, Beaver Co., Utah*. PhD thesis, Univ. Utah, 112 p., <https://collections.lib.utah.edu/details?id=195429>.
- East, J., 1981, *Hot Dry Rock Geothermal Potential of Roosevelt Hot Springs Area : Review of Data and Recommendations*. Los Angeles, NM: Los Alamos National Laboratory, <http://www.osti.gov/biblio/6349353>.
- Evans, S.H., 1980, *Compositional Gradients in Natural Silicic Liquids*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/6773738>.
- Evans, S.H., and Nash, W.P., 1978, *Quaternary Rhyolite from the Mineral Mountains, Utah, U. S. A.* Salt Lake City: University of Utah, <http://www.osti.gov/scitech/biblio/5696814>.
- Evans, S.H., 1980, *Summary of Potassium/argon Age Dating, 1979*. Salt Lake City: Dept. of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/5166169>.
- Evans, S.H., and Nielson, D.L., 1982, *Thermal and tectonic history of the Mineral Mountains intrusive complex*. Trans. GRC, 6, 15-18. <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1000906>.
- Faulder, D.D., 1991, *Conceptual geologic model and native state model of the Roosevelt Hot Springs hydrothermal system*. Proc. 16th Workshop on Geothermal Reservoir Engineering, p. 131-142, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/1991/Faulder.pdf>.
- Faulder, D.D., 1994, *Long term flow test No. 1, Roosevelt Hot Springs*. Trans. GRC, 18, p. 583-590, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1007044>.
- Finnila, A., Forbes, B., Podgorney, R., 2019, *Building and Utilizing a Discrete Fracture Network Model of the FORGE Utah Site*, Proc. 44th Workshop on Geothermal Reservoir Engineering, Stanford University, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2019/Finnila.pdf>.
- Forrest, R.J., 1980, *Historical synopsis of the Roosevelt Hot Springs geothermal field, Utah*, in D. L. Nielson, ed., *Geothermal systems in central Utah*. Geothermal Resources Council Field Trip 7, 18-24,
- Forrest, R.J., 1993, *Geothermal development at Roosevelt Hot Springs geothermal area, Beaver County, Utah, 1972-1993*. In: Cenozoic Geology and Geothermal Systems of southwest Utah: Utah Geological Association Publication 23, p. 37-44, http://archives.datapages.com/data/uga/data/065/065001/37_ugs650037.htm.
- Frangos, W., 1980, *Bipole-Dipole Survey at Roosevelt Hot Springs Thermal Area, Beaver County, Utah*. Salt Lake City, Utah: Earth Science Laboratory Division, University of Utah Research Institute, <https://www.osti.gov/scitech/biblio/5050398>.
- Geothermex, 1977, *Geothermal potential of the lands leased by Geothermal Power Corporation in the Northern Mineral Mountains, Beaver and Millard Counties, Utah*. Open File Rept., Univ. Utah Research Inst., Earth Science Lab., 43 p., http://ngds.egi.utah.edu/files/GL04423/GL04423_1.pdf.
- Geothermex, 1982, *Geothermal reservoir assessment of Roosevelt Hot Springs, Geothermal power Company, Novato, CA*, DOE/ET/28406-1, 81 p., <https://www.osti.gov/scitech/biblio/5045454>.
- Gertson, R.C., 1979, *Interpretation of a Seismic Refraction Profile across the Roosevelt Hot Springs, Utah and Vicinity*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/5814637>.
- Glenn, W.E., 1981, *A Comprehensive Study of LASL Well C/T-2, Roosevelt Hot Springs KGRA, Utah, and Applications to Geothermal Well Logging*. Los Alamos, NM: Los Alamos Scientific Laboratory, <https://www.osti.gov/scitech/biblio/6600607>.
- Glenn, W.E., and Hulen, J.B., 1979, *Interpretation of well log data from four drill holes at Roosevelt Hot Springs KGRA*. Univ. Utah Research Inst., Earth Science Lab. Rept. 28, 74 p., <https://www.osti.gov/scitech/biblio/5597946>.
- Goff, F., Decker, E.R., 1983, *Candidate sites for future hot dry rock development in the United States*, JI. Volcanol. Geothermal. Research, 15, p. 187-221, <https://www.sciencedirect.com/science/article/pii/0377027383901002>.
- Gwynn, M., Allis, R.G., Hardwick, C., Hill, J., and Moore, J., 2016, *A New Look at the Thermal Regime Around Roosevelt Hot Springs*, Geothermal Resources Council Transactions, 40, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1032370>.
- Gwynn, M., Allis, R.G., Hardwick, C., Jones, C., Nielson, P., Hurlbut, W., 2018, *Rock Properties of FORGE Well 58-32, Milford, Utah*. Geothermal Resources Council Transactions, 42, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1034058>.
- Halliday, M.E., 1978, *Gravity and Ground Magnetic Surveys in the Monroe and Joseph KGRA's and Surrounding Region, South Central Utah*. Originally published as thesis, University of Utah, <https://www.osti.gov/scitech/biblio/5754069>.

- Hardwick, C., Gwynn, M., Allis, R.G., Wannamaker, P.E., Moore, J., 2016, *Geophysical Signatures of the Milford, Utah FORGE Site*, Stanford Geothermal Workshop, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2016/Hardwick.pdf>.
- Hardwick, C., Hurlbut, W., Gwynn, M., Allis, R.G., Wannamaker, P.E., Moore, J., 2018, *Geophysical Surveys of the Milford, Utah, FORGE Site: Gravity and TEM*. Geothermal Resources Council Transactions, 42 p., <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1033944>.
- Hintze, L.F., and Davis, F.D., 2003, *Geology of Millard County, Utah*. UGS Bulletin 133, pp. 305, <https://ugspub.nr.utah.gov/publications/bulletins/B-133.pdf>.
- Hirtz, P., and Lovekin, J., 1995, *Tracer dilution measurements for two-phase geothermal production: Comparative testing and operating experience*. World Geothermal Congress, 1881-1886, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1010748>.
- Hulen, J.B., 1978, *Stratigraphy and Alteration, 15 Shallow Thermal Gradient Holes, Roosevelt Hot Springs KGRA and Vicinity, Millard and Beaver Counties, Utah*. Salt Lake City: Earth Science Laboratory, University of Utah Research Institute, <https://www.osti.gov/scitech/biblio/5598309>.
- James, L.P., and Bamford, R.W., 1977, *An Evaluation of AIRTRACE in the Geothermal Environment*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <http://ngds.egi.utah.edu/files/GL01138/GL01138.pdf>.
- Johnson, E.H., 1975, *Resistivity and Induced Polarization Survey of a Basalt Flow in a Geothermal Environment, Western Utah*. Thesis MS 1975—Dept. of Geology and Geophysics, University of Utah, <https://collections.lib.utah.edu/details?id=194214>.
- Kamali, A., Ghassemi, A., McLennan, J., and Moore, J., 2019, *Analysis of Forge DFIT Considering Hydraulic and Natural Fracture Interactions*, Proc. 44th Workshop on Geothermal Reservoir Engineering, Stanford University, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2019/Kamali.pdf>.
- Katz, L., 1977a, *Seismic emissions study, Roosevelt Hot Springs, Milford, Utah (for Getty Oil Co.)*: Open-File Rept., Univ. Utah Research Inst., Earth Science Lab., 7 p., <http://ngds.egi.utah.edu/files/GL04417/GL04417.pdf>.
- Katz, L., 1977b, *Seismic emission study, Roosevelt Hot Springs, Milford, Utah (for Union Oil Co.)*: Open-File Rept., Univ. Utah Research Inst., Earth Science Lab., 7 p.
- Kennedy, M., and Soest, V., 2007, *A Systematic Regional Trend in Helium Isotopes Across the Northern Basin and Range Province, Western North America*. Science, 318, 1433-1436. <http://escholarship.org/uc/item/124591jd>.
- Kerna, M.J., and Allen, T.S., 1984, *Roosevelt Hot Springs development*, Trans. GRC, 8, 75-77, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1001153>.
- Kirby, S.M., Bartley, J., and Simmons, S., 2017, Revised geologic mapping and fracture analysis of bedrock adjoining the Utah FORGE site: Geothermal Resources Council Transactions, v. 41, 34 p.
- Kirby, S.M., Knudsen, T., Kleber, E., and Hiscock, A., 2018, Geologic setting of the Utah FORGE site based on new and revised geologic mapping: Geothermal Resources Council Transactions, v. 42.
- Kleber, E., Hiscock, A., Kirby, S., Allis, R.G., 2017, *Assessment of Quaternary Faulting near the Utah FORGE Site from Airborne Light Detection and Ranging (lidar) Data* Geothermal Resources Council Transactions, 41 p. 301-302, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1033725>.
- Klusman, R.W., LeRoy, M.P., 1996, *Potential for use of gas flux measurements in surface exploration for geothermal resources*. Trans. GRC, 20, p. 331-338, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1014753>.
- Lee, W., 1908, *Water resources of the Beaver Valley*. USGS Water Supply Papers 217, p. 5-60, <https://pubs.er.usgs.gov/publication/wsp217>.
- Lenzer, R.C., Crosby, G.W., and Berge, C.W., 1976, *Geothermal exploration of Roosevelt KGRA, Utah: 17th U.S. Symposium on Rock Mechanics*, Site Characterization Volume, Univ. Utah Engineering Experimental Station, 3 p., BI-1, <https://www.onepetro.org/conference-paper/ARMA-76-0283>.
- Lenzer, R.C., Crosby, G.W., and Berge, C.W., 1977, *Recent developments at the Roosevelt Hot Springs, KGRA*. Trans Am. Nuclear Soc. Topical Mtg., Golden, Colo., April 12-14, http://ngds.egi.utah.edu/files/GL01615/GL01615_1.pdf.
- Lin, Y.T., 1981, The impact of bit performance on geothermal well cost. Geothermal Resources Council Transactions, 5, 253-256, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1000784>.
- Lipman, P.W., Rowley, P.D., Mehnert, H.H., Evans, S.H., Nash, W.P., and Brown, F.H., 1978, *Pleistocene rhyolite of the Mineral Mountains, Utah geothermal and archeological significance*. U.S. Geol. Survey Jour. Research, v. 6, p. 133-147,

https://www.researchgate.net/publication/236393864_Pleistocene_rhyolite_of_the_Mineral_Mountains_Utah-Geothermal_and_archeological_significance.

- Lynne, B.Y., Campbell, K.A., Moore, J., and Browne, P.R.L., 2004, Siliceous sinter diagenesis at the Opal Mound Roosevelt Hot Springs, Utah, USA. Proc. 26th NZ Geothermal Workshop, 12-17, http://www.geothermal-energy.org/pdf/IGAstandard/NZGW/2004/Lynne_et_al.pdf.
- McKinney, D.B., Brooks, C.A., 1978, *Annotated Bibliography of the Geology of the Roosevelt Hot Springs Known Geothermal Resource Area and the Adjacent Mineral Mountains, March 1978*. Salt Lake City: Earth Science Laboratory, University of Utah Research Institute, <http://www.osti.gov/scitech/biblio/5514935>.
- Micro Geophysics, 1977, *Refraction Shooting near Roosevelt Hot Springs : Data*. Salt Lake City: University of Utah, <http://ngds.egi.utah.edu/files/GL01141/GL01141.pdf>.
- Miller, C.D., 1976, *Alteration and Geochemistry of the Monroe Known Geothermal Resource Area*. Thesis MS1976—Dept. of Geology and Geophysics, University of Utah, <http://www.worldcat.org/oclc/2600671>.
- Miller, J., Allis, R.G., Hardwick, C., 2018, Seismic Reflection Profiling at the FORGE Utah EGS Site, Geothermal Resources Council Transactions, 42, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1034095>.
- Moore J.N., and D.L. Nielson, 1994, *An overview of the geology and geochemistry of the Roosevelt Hot Springs geothermal system*. Utah Geological Association Publication. 23, p. 25-36, http://archives.datapages.com/data/uga/data/065/065001/25_ugs650025.htm.
- Moore, J., Allis, R.G., Pankow, K., Simmons, S., McLennan, J., Wannamaker, P., Rickard, W., and Podgorney, R., 2017, *The Utah Frontier Observatory for Geothermal Research (FORGE): a Laboratory for EGS Development*. New Zealand Geothermal Workshop, http://www.geothermal-energy.org/pdf/IGAstandard/NZGW/2017/007_Moore-Final.pdf.
- Moore, J., McLennan, J., Allis, R.G., Pankow, K., Simmons, S., Podgorney, R., Wannamaker, P., and Rickard, W., 2018, *The Utah Frontier Observatory for Geothermal Research (FORGE): Results of Recent Drilling and Geoscientific Surveys*. Geothermal Resources Council Transactions, 42, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1034044>.
- Moore, J., McLennan, J., Allis, R.G., Pankow, K., Simmons, S., Podgorney, R., Wannamaker, P., and Rickard, W., 2019, *The Utah Frontier Observatory for Research in Geothermal Energy (FORGE): An International Laboratory for Enhanced Geothermal System Technology Development*. Proc. 44th Workshop on Geothermal Reservoir Engineering, Stanford University, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2019/Moore.pdf>.
- Mower, R.W., 1978, *Hydrology of the Beaver Valley area, Beaver County, Utah, with emphasis on ground water*. Utah Dept. Natural Resources Tech. Pub. 63, 90 p., <http://www.waterrights.utah.gov/cgi-bin/docview.exe?Folder=TP20-5-530&Title=Technical+Publication+63>.
- Mower, R.W., and Cordova, R.M., 1974, *Water resources of the Milford area, Utah, with an emphasis on ground water*. Utah Dept. Natural Resources Tech. Pub. 43, 106 p., <http://www.waterrights.utah.gov/cgi-bin/libview.exe?Modinfo=Viewpub&LIBNUM=20-5-140>.
- Mundorf, J.C., 1970, *Major thermal springs of Utah*. Utah Geological and Mineral Survey, Water resources Bulletin, 13, 60 p., http://ugspub.nr.utah.gov/publications/water_resources_bulletins/WRB-13.pdf.
- Nadimi, S., Forbes, B., Moore, J., Ye, Z., Ghassemi A., and McLennan, J.D., 2019, *Experimental Evaluation of Effect of Hydro-Shearing on Fracture Conductivity at the Utah FORGE Site*. Proc. 44th Workshop on Geothermal Reservoir Engineering, Stanford University, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2019/Nadimi.pdf>.
- Nash, W.P., 1982, *Evolution of the Quaternary Magmatic System, Mineral Mountains, Utah : Interpretations from Chemical and Experimental Modeling*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/893697>.
- Nash, W.P., and Evans, S.H., Jr., 1978, *Fluid Dynamic Properties of Rhyolitic Magmas, Mineral Mountains, Utah*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/890953>.
- Nash, W.P., 1976, *Petrology of the Quaternary Volcanics of the Roosevelt KGRA and Adjoining Area, Utah*. Salt Lake City: University of Utah, Dept. of Geology and Geophysics, <http://www.osti.gov/scitech/biblio/7308985-uW19gW/>.
- Nash, W.P., Crecraft, H.R., Evans, S.H., 1980, *Volcanism of the Black Rock Desert and Twin Peaks areas, west central Utah*, in Nielson, D.L. ed., *Geothermal Systems in Central Utah*, Guidelbook to Field Trip No. 7, GRC Annual Meeting, <http://ngds.egi.utah.edu/files/GL04060/GL04060.pdf>.

- Neupane, G., Baum, J., Mattson, E., 2015, Mines, Gregory; Palmer, Carl; Smith, Robert: *Validation of Multicomponent Equilibrium Geothermometry at Four Geothermal Power Plants*, Proceedings: Workshop on Geothermal Reservoir Engineering, 40, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=8019444>.
- Nielson, D.L., 1978, University of Utah. Earth Science Laboratory, and United States. Dept. of Energy. Division of Geothermal Research. *Geology of Roosevelt Hot Springs KGRA, Beaver County, Utah*. Salt Lake City: Earth Science Laboratory, University of Utah Research Institute, <https://www.osti.gov/biblio/5696785>.
- Nielson, D.L., 1978, *Radon Emanometry as a Geothermal Exploration Technique : Theory and an Example from Roosevelt Hot Springs KGRA, Utah*. Salt Lake City: Earth Science Laboratory, University of Utah Research Institute, <http://www.osti.gov/scitech/biblio/5815672>.
- Nielson, D.L., 1989, *Stress in geothermal systems*, Geothermal Resources Council Transactions, 13, p. 271-276, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1001789>.
- Nielson, D.L., and Moore, J.N., 1979, *The exploration significance of low-angle faults in the Roosevelt Hot Springs and Cove Fort-Sulphurdale geothermal systems*. Utah. Trans. GRC, 3, p. 503-506, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1000431>.
- Nielson D.L., Evans, S.H., and Sibbett, B.S., 1986, *Magmatic, structural, and hydrothermal evolution of the Mineral Mountains intrusive complex, Utah*. Geol. Soc. America Bull., 97, p. 765-777, <https://pubs.geoscienceworld.org/gsa/gsabulletin/article/97/6/765-777/203190>.
- Nielson, D.L., Sibbett, B.S., and McKinney, D.B., 1979, *Geology and structural control of the geothermal system at Roosevelt Hot Springs, Beaver County, Utah* (abs.): AAPG Bull., v. 63, p. 836, <http://archives.datapages.com/data/bulletns/1977-79/images/pg/00630005/0800/08360.pdf>.
- Nielson, D.L., Sibbett, B.S., McKinney, D.B., Hulen, J.B., Moore, J.N., and Samberg, S.M., 1978, *Geology of Roosevelt Hot Springs KGRA, Beaver County, Utah*. Univ. Utah Research Inst., Earth Science Lab. Rept. 12, 121 p., <https://www.osti.gov/scitech/biblio/5696785>.
- Olson, T.L., 1976, *Earthquake Surveys of the Roosevelt Hot Springs and the Cove Fort Areas, Utah*. Salt Lake City: University of Utah, Dept. of Geology and Geophysics, <http://www.osti.gov/scitech/biblio/7289667>.
- Olson, T.L., and Smith, R.B., 1976, *Earthquake surveys of the Roosevelt Hot Springs and the Cove Fort areas, Utah*. Final Rept. to Natl. Sci. Foundation, Univ. Utah, Dept. Geology and Geophys., 82 p. <https://www.osti.gov/scitech/biblio/7289667>.
- Pankow, K.L., Potter, S., Zhang, H., and Moore, J., 2017, *Local Seismic Monitoring at the Milford, Utah FORGE Site*, Geothermal Resources Council Transactions, <http://pubs.geothermal-library.org/lib/grc/1033727.pdf>.
- Parry, W.T, Cleary, M., Ward, S.H., and Geothermal Research Program (U.S.), 1978, *Na-K-Ca and SiO₂ Temperature Estimates for Utah Spring and Well Waters*. Salt Lake City, Utah: University of Utah, <http://search.geothermaldata.org/dataset/na-k-ca-and-sio2-temperature-estimates-for-utah-spring-and-well-waters>.
- Parry, W.T., 1976, *Geochemistry and Hydrothermal Alteration at Selected Utah Hot Springs*. Salt Lake City: University of Utah, Dept. of Geology and Geophysics, <https://www.osti.gov/scitech/biblio/5026993>.
- Parry, W.T., 1978, *Hydrothermal Alteration at the Roosevelt Hot Springs Thermal Area, Utah*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <http://ngds.egi.utah.edu/files/GL01132/GL01132.pdf>.
- Parry, W.T., et al., 1980, *Geochemistry of hydrothermal alteration at the Roosevelt Hot Springs thermal area, Utah*. Geochim. Et Cosmochim. Acta, v. 44, p. 95-102, <https://www.sciencedirect.com/science/article/pii/0016703780901799>.
- Parry, W.T., Ward, S.H., Nash, W.P., 1977, University of Utah. Dept. of Geology and Geophysics, and United States. Dept. of Energy. Division of Geothermal Energy. *Geology and Geochemistry of the Roosevelt Hot Springs Thermal Area, Utah - a Summary*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/893367/>.
- Parry, W.T., Ballantyne, J.M., and Jacobs, D.C., 1980, *Geochemistry of hydrothermal sericite from Roosevelt Hot Springs and the Tintic and Santa Rita porphyry copper systems*. Economic Geology, 79, p. 72-86, <https://pubs.geoscienceworld.org/economicgeology/issue/79/1>.
- Pelton, W.H., 1977, *Interpretation of Induced Polarization and Resistivity Data*. Thesis PhD1977--Dept. of Geology and Geophysics, University of Utah, <https://www.worldcat.org/oclc/2972563>.
- Petersen, C.A., 1975, *Geology and Geothermal Potential of the Roosevelt Hot Springs Area, Beaver County, Utah*. Thesis MS1975--Dept. of Geology and Geophysics, University of Utah, <https://collections.lib.utah.edu/details?id=194508>.

- Petrick, W.R., Sill, W.R., Ward, S.H., 1979, United States, Department of Energy, Division of Geothermal Energy, University of Utah, and Department of Geology and Geophysics. *Three-Dimensional Resistivity Inversion Using Alpha Centers*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/servlets/purl/6809531/>.
- Petrick, W.R., 1975, *Test Electromagnetic Soundings : Roosevelt Hot Springs KGRA*. Salt Lake City, Utah: University of Utah, <https://www.osti.gov/scitech/biblio/7320342>.
- Podgorney, R., Finnila, A., McLennan, J., Ghassemi, A., Hunag, H., Forbes, B., and Elliott, J., 2019, *A Framework for Modeling and Simulation of the Utah FORGE Site*, Proc. 44th Workshop on Geothermal Reservoir Engineering, Stanford University, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2019/Podgorney.pdf>.
- Qasim, I., Lynne, B.Y., 2018, *X-ray characterisation of siliceous sinter from Steamboat Springs and Roosevelt Geothermal Fields, USA*, Proc. 43rd Workshop on Geothermal Reservoir Engineering, Stanford University.
- Rickard, W.M., McLennan, J., Islam, N., and Rivas, E., 2019, *Mechanical Specific Energy Analysis of the FORGE Utah Well*, Proc. 44th Workshop on Geothermal Reservoir Engineering, Stanford University, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2019/Rickard.pdf>.
- Robinson R., and Iyer, H.M., 1981, *Delineation of a low-velocity body under the Roosevelt Hot Springs geothermal area, Utah, using teleseismic P-wave data*. *Geophysics*, 46, p. 1456-1466, <https://library.seg.org/doi/abs/10.1190/1.1441152>.
- Rohrs, D.T., 1978, *Hydrothermal Alteration at the Roosevelt Hot Springs Thermal Area, Utah : Thermal Power Co. Well Utah State 72-16*. Salt Lake City: Dept. of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/6564287>.
- Rohrs, D.T., 1980, *A Light Stable Isotope Study of the Roosevelt Hot Springs Thermal Area, Southwestern Utah*. Salt Lake City: Dept. of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/5285736>.
- Ross, H.P., Nielson, D.L., Moore, J.N., 1982, *Roosevelt Hot Springs geothermal system, Utah – case study*. *Amer. Assoc. Petroleum Geologists*, 66, p. 879-902, <http://archives.datapages.com/data/bulletns/1982-83/data/pg/0066/0007/0850/0879.htm>.
- Roxlo, K.S., 1980, *Uranium Geochemistry of the Roosevelt Hot Springs Thermal Area, Utah*. Thesis MS1980--Dept. of Geology and Geophysics, University of Utah, <https://www.worldcat.org/oclc/6248087>.
- Rudisill, J.M., 1978, *A case history of a shallow, over-pressured geothermal well*. *Trans. GRC*, 2, p. 587-590, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1000264>.
- Sandberg, S.K., 1980, *Controlled-Source Audiomagnetotellurics in Geothermal Exploration*. Thesis MS1980--Dept. of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/6749290-r1BMPL/>.
- Sawyer, R.F., 1977, *Gravity and Ground Magnetic Surveys of the Thermo Hot Springs KGRA Region, Beaver County, Utah*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/895548>.
- Schaff, C., 1981, *Seismic monitoring and potential for induced seismicity at Roosevelt Hot Springs, Utah and Raft River, Idaho*. *Ann. Mtg., Seismological Soc. America*, http://ngds.egi.utah.edu/files/GL01611/GL01611_1.pdf.
- Serpa, L.F., 1980, *Detailed Gravity and Aeromagnetic Surveys in the Black Rock Desert Area, Utah*. Salt Lake City: Dept. of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/6773977>.
- Shannon, S.S., Goff, F., Rowley, J.C., Pettit, R.A., and Yuataz F.D., 1983, *Roosevelt Hot Springs/hot dry rock prospect and evaluation of the Acord 1-26 well*. *Geothermal Resources Council Transactions*, p. 541-544, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1001123>.
- Sibbett, B.S., and Nielson, D.L., 1980, *Geology of the central Mineral Mountains, Beaver Co., Utah*. *Univ. Utah Research Inst., Earth Science Lab. Rept. 33*, 42 p., <https://www.osti.gov/scitech/biblio/5040670>.
- Sill, W.R., 1978, *Electrical Energizing of Well Casings*. Salt Lake City: University of Utah, Department of Geology and Geophysics, <https://www.osti.gov/scitech/biblio/6771882>.
- Sill, W.R. and John, D.S., 1979, *Self-Potential Survey, Roosevelt Hot Springs, Utah*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/6623737>.
- Sill, W.R., and Bodell, J., 1977, *Thermal Gradients and Heat Flow at Roosevelt Hot Springs*. Salt Lake City, Utah: University of Utah, <http://www.osti.gov/scitech/biblio/5696712>.
- Simmons, S., Kirby, S., Moore, J., Wannamaker, P., Allis, R.G., 2015, *Comparative Analysis of Fluid Chemistry from Cove Fort, Roosevelt and Thermo: Implications for Geothermal Resources and Hydrothermal Systems on the East Edge of the Great Basin*, *Geothermal Resources Council Transactions*, 39, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1032133>.

- Simmons, S., Kirby, S., Rahilly, K., Fischer, T., Moore, J., 2017, *Update on the Geochemistry and Geohydrology of the FORGE Deep Well Site, Milford, Utah*, Geothermal Resources Council Transactions, 313 p., <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1033728>.
- Simmons, S., Kirby, S., Bartley, J., Jones, C., Kleber, E., Knudsen, T., Miller, J., Rahilly, K., McLennan, J., Fischer, T., Moore, J., Allis, R.G., 2019, *Update on the Geological and Geochemical Understanding of the Utah FORGE Site*, Proc. 44th Workshop on Geothermal Reservoir Engineering, Stanford University, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2019/Simmons.pdf>.
- Simmons, S., Moore, J., Allis, R.G., Hardwick, C., Kirby, S., Jones, C., Gwynn, M., Kleber, E., Miller, J., McLennan, J., and Bartley, J., 2018, *An Updated Geologic Model for FORGE Utah EGS Laboratory*, Proc. 43rd Workshop on Geothermal Reservoir Engineering, Stanford University, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2018/Simmons2.pdf>.
- Simmons, S., Kirby, S., Allis, R., Moore, J., Fischer, T., 2018, *Update on the Production Chemistry of the Roosevelt Hot Springs Reservoir*, Proc. 43rd Workshop on Geothermal Reservoir Engineering, Stanford University, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2018/Simmons3.pdf>.
- Simmons, S., Kirby, S., Jones, C., Moore, J., Allis, R.G., Brandt, A., Nash, G., 2016, *The Geology, Geochemistry, and Hydrology of the EGS FORGE Site, Milford Utah*, Stanford Geothermal Workshop, <https://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2016/Simmons2.pdf>.
- Smith, L., 1980, *A Model Study of the Regional Hydrogeologic Regime, Roosevelt Hot Springs, Utah*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <http://www.osti.gov/scitech/biblio/5231822>.
- Smith, R.B., 1977, *Long-Term Seismic Monitoring of the Roosevelt - Cove Fort KGRA's*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/893368>.
- Smith, R.B., and Bruhn, R.L., 1984, *Intraplate extensional tectonics of the eastern Basin and Range: Inferences on structural style from seismic reflection data, regional tectonics, and thermal-mechanical models of brittle-ductile deformation*. *Jl. Geophysical Research*, 9, p. 5733-5762, <https://onlinelibrary.wiley.com/doi/10.1029/JB089iB07p05733/full>.
- Smith, R.B., and Arabasz, W.J., 1991, *Seismicity of the Intermountain seismic belt*, in Slemmons, D. B., Engdahl, E. R., Zoback, M. D., Zoback, M. L., and Blackwell, D., eds., *Neotectonics of North America: Geological Society of America, Decade Map Volume 1*, p. 185-228, <https://rock.geosociety.org/Store/detail.aspx?id=DNAGCSMS7>.
- Stodt, J.A., Hohmann, G.W., and Ting, S.C., 1981, *The Telluric- Magnetotelluric Method in Two- and Three- Dimensional Environments*. Vol. 46. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <http://ngds.egi.utah.edu/files/GL04094/GL04094.pdf>.
- Thangsuphanich, I., 1976, *Regional Gravity Survey of the Southern Mineral Mountains, Beaver County, Utah*. Thesis MS1976. Dept. of Geology and Geophysics, University of Utah, <https://www.worldcat.org/oclc/2212382>.
- Ting, S.C., 1978, *Three Dimensional Magnetotelluric Modeling*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <http://ngds.egi.utah.edu/files/GL01154/GL01154.pdf>.
- Ting, S.C., and Hohmann, G.W., 1979, *Integral Equation Modeling of Three-Dimensional Magnetotelluric Response*. Department of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/6718866>.
- Tiwari, S., Simmons, S., McLennan, J., 2017, *A 2D HYDROTHERM Model of the Utah FORGE Site*, Geothermal Resources Council Transactions, <http://pubs.geothermal-library.org/lib/grc/1033729.pdf>.
- Tosaya, C., Findikakis, A., Cochrane, F., 1988, *Preliminary reservoir design and screening for a commercial hot dry rock geothermal prospect*. Geothermal Resources Council Transactions, 12, p. 485-490, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1001750>.
- Tripp, A.C., Ross, H.P., Stodt, J.A., and Wright, P.M., 1989, *Surface-to-borehole electromagnetic experiment at Roosevelt Hot Springs: a feasibility study*. Geothermal Resources Council Transactions, 13, p. 289-293, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1001791>.
- University of Utah. Dept. of Geology and Geophysics, 1979, *Final Report: Work Performed under Contract No. EY-76-S-07-1601*. Salt Lake City, Utah: University of Utah.
- University of Utah, Geology and Geophysics Department, and Geological Survey (U.S.), 1977, *Workshop on Electrical Methods in Geothermal Exploration*. Salt Lake City, Utah: University of Utah, <https://www.osti.gov/scitech/biblio/892808>.
- Wannamaker, P.E., 1978, *Magnetotelluric Investigations at the Roosevelt Hot Springs KGRA and Mineral Mountains, Utah*. Salt Lake City: Department of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/6766105>.

- Wannamaker, P.E., Sill, W.R., and Ward, S.H., 1978, *Magnetotelluric observations at the Roosevelt Hot Springs KRGa and Mineral Mins., Utah*. Geothermal Resources Council Transactions, 2, p. 697-700, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1000292>.
- Wannamaker, P.E., Ward, S.H., Hohmann, G.W., and Sill, W.R., 1980, *Magnetotelluric Models of the Roosevelt Hot Springs Thermal Area, Utah*. Salt Lake City: University of Utah, Dept. of Geology and Geophysics, <http://ngds.egi.utah.edu/files/GL01609/GL01609.pdf>.
- Wannamaker, P.E., Hohmann, G.W., Ward, S.H., 1982, *Magnetotelluric Responses of Three-Dimensional Bodies in Layered Earths*. Salt Lake City: Dept. of Geology and Geophysics, University of Utah, <https://www.osti.gov/biblio/893412>.
- Ward, S.H., Parry, W.T., Nash, W.P., Sill, W.R., Cook, K.L., Smith, R.B., Chapman, D.S., Brown, F.H., Whelan, J.A., and Bowman, J.R., 1978, *A summary of the Geology, Geochemistry, and Geophysics of the Roosevelt Hot Springs thermal area, Utah*. Geophysics, 43, p. 1515-1542, <https://library.seg.org/doi/abs/10.1190/1.1440912>.
- Ward, S.H., 1976, *Addendum to Proposal of January 20, 1976, Geothermal Research, Roosevelt Hot Springs KGRA*. Salt Lake City, Utah: University of Utah.
- Ward, S.H., and Sill W.R., 1976, *Dipole-Dipole Resistivity Delineation of the near Surface Zone at the Roosevelt Hot Springs KGRA*. Salt Lake City: University of Utah, Dept. of Geology and Geophysics, <https://www.osti.gov/scitech/biblio/6081571>.
- Ward, S.H., and Sill, W.R., 1976, *Dipole-Dipole Resistivity Surveys, Roosevelt Hot Springs KGRA*. Salt Lake City: University of Utah, Dept. of Geology and Geophysics, <https://www.osti.gov/scitech/biblio/7255740>.
- Ward, S.H., 1980, *Induced Seismicity and Seismic Baseline Studies at Roosevelt Hot Springs and Cove Fort/Sulphurdale, Utah : Final Report for Period September 15, 1978 - March 31, 1980*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <https://www.worldcat.org/oclc/441497507>.
- Ward, S.H., and Crebs, Y.J., 1975, *Report on Preliminary Resistivity Survey, Roosevelt Hot Springs KRGa*. Salt Lake City, Utah: University of Utah, Dept. of Geology and Geophysics, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1019327>.
- Ward, S.H., Ross, P., and Nielson, D.L., 1981, *Exploration strategy for high-temperature hydrothermal systems in the Basin and Range province*: AAPG Bull., v. 65, p. 86-102, <http://archives.datapages.com/data/bulletns/1980-81/data/pg/0065/0001/0050/0086.htm?q=%2BtitleStrip%3Aexploration+titleStrip%3Astrategy+%2BauthorStrip%3Award>.
- Wechsler, D.J., 1979, *An Evaluation of Hypocenter Location Techniques with Applications to Southern Utah, Regional Earthquake Distributions and Seismicity of Geothermal Areas*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/6579471>.
- Whelan, J.A., 1977, *Thermal Gradient and Heat Flow Drilling by Dept. of Geology and Geophysics, University of Utah, Summer 1975*. Salt Lake City: University of Utah, Dept. of Geology and Geophysics, <http://digitallib.oit.edu/cdm/ref/collection/geoheat/id/1108>.
- Wilson, W.R., 1980, *Thermal Studies in a Geothermal Area*. Thesis PhD 1980. Dept. of Geology and Geophysics, <https://www.worldcat.org/oclc/7033941>.
- Wilson, W.R., 1980, *Three Topical Reports : Thermal Studies in a Geothermal Area*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <https://www.osti.gov/scitech/biblio/7015581>.
- Wilson, W.R., and Chapman, D.S., 1980, *Thermal studies at Roosevelt Hot Springs, Utah: Univ. Utah, Dept. Geology and Geophysics Rept.* DOE/ID/12079-19, 144 p., <http://www.osti.gov/scitech/biblio/7015581>.
- Wright, P.M., and University of Utah, Research Institute, Earth Science Laboratory 1989, *Publications and Geothermal Sample Library Facilities of the Earth Science Laboratory, University of Utah Research Institute*. Rev 1.0. Salt Lake City, Utah: The Institute, <http://www.osti.gov/scitech/servlets/purl/890978-Brm7HP/>.
- Yearsley, E., 1994, *Roosevelt Hot Springs reservoir model applied to forecasting remaining field potential*. Trans. GRC, 18, p. 617-622, <https://www.geothermal-library.org/index.php?mode=pubs&action=view&record=1007049>.
- Yusas, M.R., 1979, *Structural Evolution of the Roosevelt Hot Springs Geothermal Reservoir*. Thesis MS1979--Dept. of Geology and Geophysics, University of Utah, <https://www.worldcat.org/oclc/5778529>.
- Yusas, M.R., and Bruhn, R.L., 1979, *Structural Fabric and in-Situ Stress Analyses of the Roosevelt Hot Springs KGRA*. Salt Lake City, Utah: Dept. of Geology and Geophysics, University of Utah, <https://www.osti.gov/biblio/6852810>.
- Zandt, G., University of Utah, Research Institute, Earth Science Laboratory, and United States. Dept. of Energy, Division of Geothermal Energy, 1982, *Final Technical Report : Seismic Baseline and Induction Studies, Roosevelt Hot Springs, Utah and Raft River, Idaho*. Salt Lake City, Utah: Earth Science Laboratory, University of Utah Research Institute, <https://www.osti.gov/biblio/6396329>.