7. REFERENCES

GL02678-

- 1. J. F. Kunze et al., A Low Temperature Demonstration Geothermal Power Plant in the Raft River Valley, ANCR-1138, April 1974.
- 2. P. L. Williams et al., "Geology and Geophysics of the Southern Raft River Valley Geothermal Area, Idaho, USA," *Proceedings of the Second U.N. Symposium on the Development and Use of Geothermal Resources, 1976*, pp. 1273-82.
- 3. J. F. Kunze, Geothermal R&D Project Report for Period April 1975 to June 30, 1975, ANCR-1247, September 1975.
- 4. Reynolds Electrical & Engineering Co., Inc., Completion Report-Raft River Geothermal Exploratory Hole No. 1 (RRGE-1), ID0-10062, (NV0-410-30), October 1975.
- 5. J. L. Speake (compiler), Completion Report-Raft River Geothermal Exploratory Hole No. 2 (RRGE-2), ID0-10066, NV0-410-34, August 1976.
- 6. H. H. Shoopman, Completion Report—Raft River Geothermal Exploratory Hole No. 3 (RRGE-3), ID0-10069 (NV0-410-40), June 1977.
- 7. S. G. Spencer, J. F. Sullivan, N. E. Stanley, 1978 Annual Report, INEL Geothermal Environmental Program, TREE-1340, April 1979.
- 8. W. L. Niemi and L. B. Nelson, "Injection Testing at RRGI-4, Raft River, Idaho," Proceedings of the Second Invitational Well Testing Symposium, Lawrence Berkeley Laboratory, October 24-27, 1978.
- 9. L. G. Miller and S. M. Prestwich, Completion Report-Raft River Geothermal Injection Well Six (RRGI-6), ID0-10083, February 1979.
- 10. L. G. Miller and S. M. Prestwich, Completion Report-Raft River Geothermal Production Well Four (RRGP-4), ID0-10081, February 1979.
- 11. D. E. French, Geology and Mineralization of the Southeastern Part of the Black Pine Mountains, Cassia County, Idaho, M.S. Thesis, Utah State University, 1975.
- 12. P. L. Williams et al., Preliminary Geologic Map of the Southern Raft River Area, Cassia County, Idaho, United States Geological Survey Open-File Report, 1974.
- 13. A. L. Anderson, "Geology and Mineral Resources of Eastern Cassia County, Idaho," Idaho Bureau of Mines and Geology Bulletin, 14, 1931b.
- 14. R. R. Compton, Geologic Map of the Park Valley Quadrangle, Box Elder County, Utah and Cassia County, Idaho, United States Geological Survey Miscellaneous Geologic Inventory Map I-873, 1975.
- 15. R. R. Compton et al., "Oliogocene and Miocene Metamorphism, Folding and Low-Angle Faulting in Northwest Utah," *Geological Society of America Bulletin, 88*, 1977, pp. 1237-1250.
- 16. H. R. Covington, Deep Drilling Data, Raft River Geothermal Area, Idaho-Raft River Geothermal Exploration Well No. 1, United States Geological Survey Open-File Report 77-226, 1977a.
- 17. H. R. Covington, Deep Drilling Data, Raft River Geothermal Area, Idaho-Raft River Geothermal Exploration Well No. 2, United States Geological Survey Open File Report 77-243, 1977b.

- 18. H. R. Covington, Deep Drilling Data, Raft River Geothermal Area, Idaho-Raft River Geothermal Exploration Well No. 3, United States Geological Survey Open-File Report 77-616, 1977c.
- H. R. Covington, Deep Drilling Data, Raft River Geothermal Area, Idaho-Raft River Geothermal Exploration Well No. 3, Sidetrack C, United States Geological Survey Open-File Report 77-883, 1977d.
- 20. H. R. Covington, Deep Drilling Data, Raft River Geothermal Area, Idaho-Raft River Geothermal Exploration Well No. 4, United States Geological Survey Open-File Report 78-91, 1978.
- 21. H. R. Covington, Deep Drilling Data, Raft River Geothermal Area, Idaho-Raft River Geothermal Exploration Well No. 5, United States Geological Survey Open-File Report 79-382, 1979a.
- 22. H. R. Covington, Deep Drilling Data, Raft River Geothermal Area, Idaho-Raft River Geothermal FSC Production Well No. 4, United States Geological Survey Open-File Report 79-662, 1979b.

ESL

ES6

- 23. H. R. Covington, Deep Drilling Data, Raft River Geothermal Area, Idaho-Raft River Geothermal Exploration W'ell No. 6, United States Geological Survey Open-File Report 79-1129, 1979c.
- 24. H. R. Covington, Deep Drilling Data, Raft River Geothermal Area, Idaho-Raft River Geothermal Exploration Well No. 7, United States Geological Survey Open-File Report 79-1365, 1979d.
- 25. S. C. Devine and B. Bonnichsen, Petrography of Drill Cores from the Raft River Geothermal Area, ESC Southern Idaho, Unpublished Report to the Department of Energy, December 1979
- 26. K. S. Kennedy, Environment of Deposition of the Upper Three Hundred Meters of Sediments of the Raft River KGRA, EG&G, PG-G-80-026, 1, 1980.
- 27. J. A. Saunders, Low Temperature Hydrothermal Alteration of the Raft River Geothermal Area, Idaho, Unpublished Report Presented to the Department of Energy and EG&G, May 1980.
- 28. H. D. Ackerman, "Seismic Refraction Study of the Raft River Geothermal Area," Geophysics, 44, 2, February 1979, pp. 216-225.
- 29. H. R. Covington, "Subsurface Geology of the Raft River Geothermal Area, Idaho," Geothermal Resources Council Transactions, 4, September 1980.
- 30. R. R. Compton, Geologic Map of the Yost Quadrangle, Box Elder County, Utah and Cassia County, Idaho, United States Geological Survey Miscellaneous Geologic Inventory Map I-672, 1972.
- 31. D. R. Mabey, private communication, United States Geological Survey, Salt Lake City, May 1980.
- 32. H. D. Ackerman, Velocity Sections in Raft River, Idaho, Geothermal Area from Seismic Refractions, United States Geological Survey Open-File Report 78-105, 1975.
- 33. D. B. Hoover, Audio-Magnetotellurie Apparent Resistivity Maps, Southern Raft River Area, Cassia County, Idaho, United States Geological Survey Open-File Report, 1974.
- 34. D. R. Mabey, Bouguer Gravity Anomaly Map of the Southern Raft River Area, Cassia County, Idaho, United States Geological Survey Open-File Report, 1974a.
- 35. D. R. Mabey, Principal Facts for Gravity Stations in the Raft River Valley, Idaho, United States Geological Survey Open-File Report, 1973a, p. 5.

- 36. D. R. Mabey and C. W. Wilson, Regional Gravity and Magnetic Surveys in the Albion Mountains Area of Southern Idaho, United States Geological Survey Open-File Report, 1973b, p. 12.
- 37. D. R. Mabey, D. L. Peterson, C.W. Wilson, *Preliminary Gravity Map of Southern Idaho*, United States Geological Survey Open-File Report 74-78, 1974b.
- 38. D. R. Mabey et al. Bouguer Gravity Anomaly Map of the Southern Raft River Area, Cassia County, Idaho, United States Geological Survey Open-File Report, 1973c.
- 39. United States Geological Survey, Residual Magnetic Intensity Map of the Raft River Area, Cassia County, Idaho, Open-File Report, 1974.
- 40. A. A. R. Zohdy, D. B. Jackson, R. J. Bisdorf, Schlumberger Soundings and Total Field Measurements in the Raft River Geothermal Area, Idaho, United States Geological Survey Open-File Report 75-130, 1975.
- 41. A. A. R. Zohdy and R. J. Bisdorf, Schlumberger Soundings in the Upper Raft River and Raft River Valleys, Idaho and Utah, United States Geological Survey Open-File Report 76-92. 1976.
- 42. D. R. Mabey et al. "Reconnaissance Geophysical Studies of the Geothermal System in Southern Raft River Valley, Idaho, *Geophysics* 43, 7, 1978, pp. 1470-1484.
- 43. Schlumberger, Log Interpretations Principles, Houston, Texas: Schlumberger Well Services, 1969, p. 105.
- 44. A. Poupon, W. R. Hoyle, A. W. Schmidt, "Log Analysis in Formulations with Complex Lithologies," *Presented at the 45th Annual Fall Meeting of the Society of Petroleum Engineers, October 1970.*
- S. J. Pirson, "How to Map Fracture Development from Well Logs," World Oil, March 1967, Marrie 19, pp. 106-114.

ないであるとうとう。

1N

- 46. J. Beck, A. Schultz, D. Fitzgerald, "Reservoir Evaluation of Fractured Cretaceous Carbonates in South Texas," Transactions of the Society of Professional Well Log Analysts, 1977.
- 47. J. Zemanek et al., "The Borehole Televiewer: A New Logging Concept for Fracture Location and Other Types of Borehole Inspection," *Journal of Petroleum Technology*, June 1969, pp. 762-774.
- 48. M. S. Keyes and J. K. Sullivan, "The Role of Borehole Geophysics in Defining the Raft River Geothermal Reservoir," Geophysics, 44, 6, 1979, pp. 111-1141.
- 49. R. C. Stoker, D. Goldman, J. F. Kunze, "Deducing Production Zones from Well Logs," Geothermal Resources Council Transactions, 1, 1977, pp. 279-280.
- 50. S. K. Sanyal et al. Classification of Geothermal Reservoirs from the Viewpoint of Log Analysis, Twentieth Annual Logging Symposium of the Society of Professional Well Log Analysts, June 1979.
- 51. R. Aquilera, Naturally Fractured Reservoirs, Tulsa, Oklahoma: Petroleum Publishing Co., 1980.
 - 52. D. R. Ralston, Analysis of Pump Test Results from Tests Conducted in the Raft River Basin, Idaho Bureau of Mines & Geology, February 1975.
 - 53. A. G. Morilla and D. R. Ralston, "Preliminary Assessment of the Feasibility of Using a Shallow Ground Water System for the Cooling Cycle of a Geothermal Power Plant," University of Idaho, 1976, p. 127.

- 54. P. A. Witherspoon, T. N. Narasimhan, D. G. McEdwards, "Results of Interference Tests from Two Geothermal Reservoirs," presented at the Fifty-First Annual Fall Meeting of the Society of Petroleum Engineers of the American Institute of Mechanical Engineers, New Orleans, 1976.
- 55. C. F. Tsang et al., "Variable Flow Well Test Analysis by Computer-Assisted Matching Procedure," Society of Petroleum Engineers of the American Institute of Mechanical Engineers Annual Meeting, Bakersfield, California, April 13-15, 1977.
- 56. D. Goldman, D. W. Allman, L. L. Mink, "Data Collection and Evaluation of Combined Fractured and Porous Media Flow in a Fluid-Dominated Geothermal System," *National Water Well Association Conference, Oklahoma City, Oklahoma, October 1979.*
- 57. D. F. Kunze, R. C. Stoker, D. Goldman, "Heat Transfer in Formation as a Geothermal Reservoir Engineering Tool." *National Heat Transfer Conference, Salt Lake City, Utah, August 14-17, 1977.*
- 58. D. H. Tsang et al., "Behavior of the Temperature and Concentration of the Shallow Ground Water in the Raft River Geothermal Area," *Modeling, Policy, and Decision in Energy Systems Conference, Montreal, Canada, 1980.*
- 59. S. G. Spencer and D. Goldman, "Numerical Simulation of the Impact of Fluid Injection in the Raft River Geothermal Area," *Transactions of the Geothermal Resources Council*, 4, 1980.
- 60. S. M. Prestwich, Drilling & Completion Report: Raft River Geothermal Injection No. 4 (RRGI-4), ID0-10080, DOE-70, August 1977.
- 61. L. G. Miller and S. M. Prestwich, Completion Report: Raft River Geothermal Production Well 5 (RRGP-5), ID0-10082, DOE-70, February 1979a.
- 62. L. G. Miller and S. M. Prestwich, Completion Report: Raft River Geothermal Injection Well 7 (RRGI-7), ID0-10084, DOE-70, February 1979c.
- 63. R.W. Parsons, "Permeability of Idealized Fractured Rock, Society of Petroleum Engineers Journal, 6, 1966, pp. 126-136.
- 64. A. C. Gringarten and P. A. Witherspoon, "Method of Analyzing Pump Test Data From Fractured Aquifers," Proceedings of the Symposium on Percolation Through Fissured Rock, Stutgart, Germany, September 18-19, 1972, pp. T3-B1-9.
- 65. T. N. Narasimhan and P. A. Witherspoon, Reservoir Evaluation Test on RRGE-1 and RRGE-2, Raft River Geothermal Project, Idaho, LBL-5958, May 1977.
- 66. R. R. Ihrig (ed.), Semiannual Progress Report for the Idaho Geothermal Program, April 1 to September 30, 1979, EGG-2010, March 1980.
- 67. C. W. Morris, "Raft River Stimulation Treatment Results," Proceedings of the Geothermal Reservoir Well Stimulation Symposium, February 1980.
- 68. R. R. Ihrig (ed.), Semiannual Progress Report for the Idaho Geothermal Program, October 1, 1979 to March 31, 1980, EGG-2034, July 1980.
- 69. S. N. Davis and R. J. M. DeWiest, Hydrogeology, New York: John Wiley Inc., 1960.
- 70. S. G. Spencer and D. M. Callan, An Analysis of the Response of the Raft River Monitor Wells to the 1979 Injection Tests, EGG-2057, 1980.

144

- 71. W. D. Nichols, Simulation Analysis of the Unconfined Aquifer, Raft River Geothermal Area, Idaho-Utah, United States Geological Survey Water-Supply Paper No. 2060, 1979.
- 72. E. H. Walker et al., "The Raft River Basin, Idaho-Utah, as of 1966: A Reappraisal of the Water Resources and Effects of Ground-Water Development", *Bulletin of the Idaho Department of Water Administration*, 1970, p. 95.
- 73. R. O. Fournier, "Chemical Geothermometers and Mixing Models for Geothermal Systems," *Geothermics*, 5, 1977, pp. 41-50.
- 74. A. J. Ellis and W. A. J. Mahon, *Chemistry and Geothermal Systems*, New York: Academic Press, 1977.
- 75. Y. K. Kharaka and I. Barnes, SOLMNEQ: Solution-Mineral Equilibrium Computations, United States Geological Survey Open-File Report 73-002, 1973.
- 76. C. A. Allen et al., "Geochemical Modeling at Raft River," Geothermal Resources Council Transactions, 3, 1979, pp. 1-4.
- 77. J. D. Hem, Study and Interpretation of the Chemical Characteristics of Natural Water, United States Geological Survey Water-Supply Paper 1473, 1970.