

GL03908

Rec. 12-20-82

Deliverable Item
DE-AP-03-82-SF-14154

cc: LBL
CRNL
LNL
UURI

BACA FILE

Numerical Listing of Material
Comprising the "Baca Collection"
of the Earth and Space Science Division
Los Alamos National Laboratory

Compiled by
Karen Mathews
December, 1982

12. "Hydrology of the Region Surrounding the
13. Valles Caldera", with Appendices and
14. Addendum by Water Resources Associates,
1977.

15. Summary sheet for Baca Wells Nos. 1-3

16. Baca Wells Nos. 4-16 summary sheet.

17. Well summary reports and Drilling
Histories - Baca Wells Nos. 4-16.

18. Lithology Logs - Baca Wells Nos. 4-16.

19. Temperature and Pressure Surveys -
Baca Wells Nos. 4-8 and 10-16

20. Electric Logs for Baca Wells Nos. 10-14.

21. "Hydrothermal Geology of the Valles
Caldera, New Mexico," by R.F. Dondanville,
1971.

22. "Airborne Infrared Geothermal Explora-
tion, Valles Caldera, New Mexico," Earth
Resources Operations, North American

23. "Electrical Resistivity Survey in Valles
Caldera, New Mexico," by Group Seven,
Inc., 1972.

24. "Additional Data - Electrical Resistivity
Survey in the Valles Caldera, New Mexico,"
by Group Seven, Inc., 1972.

25. "Reconnaissance Resistivity Survey Baca
Property," McPhar, 1973.

26. "Supplemental Report - Reconnaissance
Resistivity and Schlumberger Depth
Sounding Surveys Baca Property," McPhar,
1974

27. "Quantative Gravity Interpretation Valles
Caldera Area, New Mexico," by R.L. Segar,
1974

28. "Mercury Soil Gas Survey Baca Prospect,"
by Allied Geophysics, Inc., 1974.

29. "Mercury Analysis - 1974 Gradient Holes."

30. "Geothermal Geology of the Redondo Creek
Area Baca Location," by T.R. Slodowski, 1976.

31. "Magnetotelluric--Telluric Profile Survey," Valles Caldera Prospect," by Geonomics, 1976, as reprocessed by QEB, Inc., 1978.
32. "Geological Resume of the Valles Caldera," by T.R. Slodowski, 1977.
34. "Baca Well No. 11 - Scale Evaluation," by Union Oil Company, Santa Rosa District, 1975.
36. "Temperature Gradient Hole Data 1970, 1972-1974 and Location Map."
37. "Baca Project Interim Report of Test Results," by A.J. Chasteen, June 1974.
38. "Special Core Analysis Study for Union Oil Company, Baca No. 13 Well, Redondo Creek Field, New Mexico," Core Laboratories, Inc., 1975.
39. "Baca Reservoir Studies," by M.S. Gulati, August 1975.
40. "Geothermal Reservoir Evaluation of the RedondoCreek Area, New Mexico," by J. D. Hartz, November 1976.
41. "Baca No. 5A, Pressure Falloff and Injection," by J.D. Hartz, 1977.
42. "Baca No. 15, Production Test and Reservoir Evaluation," by J.D. Hartz, 1977.
- * 43. "Geothermal Demonstration Power Plant - Project Description," Union Oil Company of California and Public Service Company of New Mexico.
- * 44. "Geothermal Demonstration Power Plant, Volume I, Project Abstract."
- * 45. "Geothermal Demonstration Power Plant, Volume II, Technical and Management Proposal."
- * 46. "Geothermal Demonstration Power Plant, Volume III, Business Proposal."

- * 47. "Geothermal Demonstration Power Plant, Volume IV, Cost Proposal."
- * 48. "Geothermal Demonstration Power Plant Volume V, Economics Information"
- ⊕ 60. "Public Hearing on the Environmental Impact Statement, Geothermal Demonstration Program, August 30, 1979, Transcript of Proceedings," by Howard W. Henry and Company, 1979.
- ⊕ 61. "Final Environmental Impact Statement Geothermal Demonstration Program, 50 MW Power Plant," by U.S. Department of Energy, January 1980.
- 62. "Baca Project: Produced Fluids and Gas Analyses"
- 63. Collection of 85 logs from Baca Project Wells Rocky Mountain Well Log Service
- 75. "Pressure Transient Analysis for Hot Water & Two-Phase Geothermal Wells: Some Numerical Results"
- 76. "Operations Plan for Baca Geothermal Demonstration Project Tracer Gas Study (Jan - Feb 1981)"
July 14, 1978 - March 31, 1980"
- 77. "Operations Plan for Baca Geothermal Demonstration Project Tracer Gas Study (Jan - Feb 1981)"
- 78. "Data Gathering, Reduction & Evaluation Services: Baca Geo. Power Plant Proj. Qtrly Technical Rpt. No. 3 October 1, 1980 - December 31, 1980"
- 79. "Geothermal Material Survey"
Radian Corp.
- 80. "Baca Geothermal Station - Unit 1 Project Interface Document."
- 81. Equation-of-State for Water-Carbon Dioxide Mixtures Implications for Baca Reservoir Topical Report.
- 82. Geological Geophysical Data File Topical Rpt. and Appendices
- 82a.
- ⊕ 83. Geology Hydrology of Valle Grande Valle Toledo, Sandoval County New Mexico

84. "Unsolicited Proposal for "Independent Analysis of Baca Reservoir Data"
85. "Interpretation of Downhole Data from the Baca Geothermal Field"
86. "Geothermal 7 Hydrology at Jemez Mountains - Ion Balance Flow Depletion"
- ⊕ 87. "Geohydrologic data from the Jemez Mountains and Vicinity, North Central New Mexico."
88. "Reservoir Data File: Status as of June 1, 1981."
89. Baca Geothermal Demonstration Project: Executive Summaries - Reports 1-61
90. "An Overview of the Baca Geothermal Demonstration Program in the Jemez Mountains, New Mexico"
91. "Final Report of the Department of Energy Reservoir Definition Review Team for the Baca Geothermal Demonstration Project"
92. ~~"Baca Geothermal Project Graphic Overview System." E.C.&C., Las Vegas~~

Brief Subject Division of Material
in the "Baca Collection."

Airborne Surveys - #22

General Reports, Data Gathering, Historical Information, Proposals, etc.
#43, 44, 45, 46, 47, 38, 60, 61, 76, 78, 79, 80, 89, 90, 91, 93

Geology - #30, 32, 82, 83, 87

Geophysics - #82

Hydrology - #12, 13, 14, 21, 86, 87

Gas Surveys - #28, 29, 62, 77

Gravity Surveys - #27

Magnetotelluric Surveys - #31

Reservoir Studies - #34, 36, 37, 39, 40, 42, 81, 84, 88

Resistivity Surveys - #23, 24, 25, 26.s

Tempertaure/Pressure Surveys - #19, 41

Visual Aids - #92

Well Logs -

- Electric - #20
- General - #63
- Lithologic - #18

Well Summaries/Drilling Histories - #15, 16, 17

Wells - Analyses - #38, 75, 85