

BULLETIN 99

Bibliography of
New Mexico Geology
and Mineral Technology
1966 through 1970

by *MARSHA A. KOEHN*
and *HENRY H. KOEHN*

1973

NEW MEXICO STATE BUREAU OF MINES AND MINERAL RESOURCES

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Preface

This volume includes references on New Mexico geology, geophysics, geochemistry, hydrogeology, and mineral technology appearing during the period 1966 through 1970. It supplements previous bibliographic volumes published by the New Mexico State Bureau of Mines and Mineral Resources: Bulletin 43 (1847-1950), Bulletin 52 (1951-1955), Bulletin 74 (1956-1960), and Bulletin 90 (1961-1965). The present volume also includes some citations omitted from its predecessor, as well as a few citations dated after December 1970.

This project was initiated and supported by the New Mexico State Bureau of Mines and Mineral Resources. Original guidance was provided by Alex. Nicholson, geologist-editor of the Bureau from October 1969 until his death in November 1970. His encouragement, patience, and humor helped overcome many difficulties at the start.

Contents: The first part, the BIBLIOGRAPHY, is an alphabetic list of authors with their writings listed chronologically below each name. To facilitate the search for materials, every citation was numbered in sequence, commencing with No. 1 for the first entry and ending with No. 2416 for the last. The second part, the INDEX, is an alphabetic list of topics along with the names of authors and the individual numbers of the citations which should be checked for that particular topic.

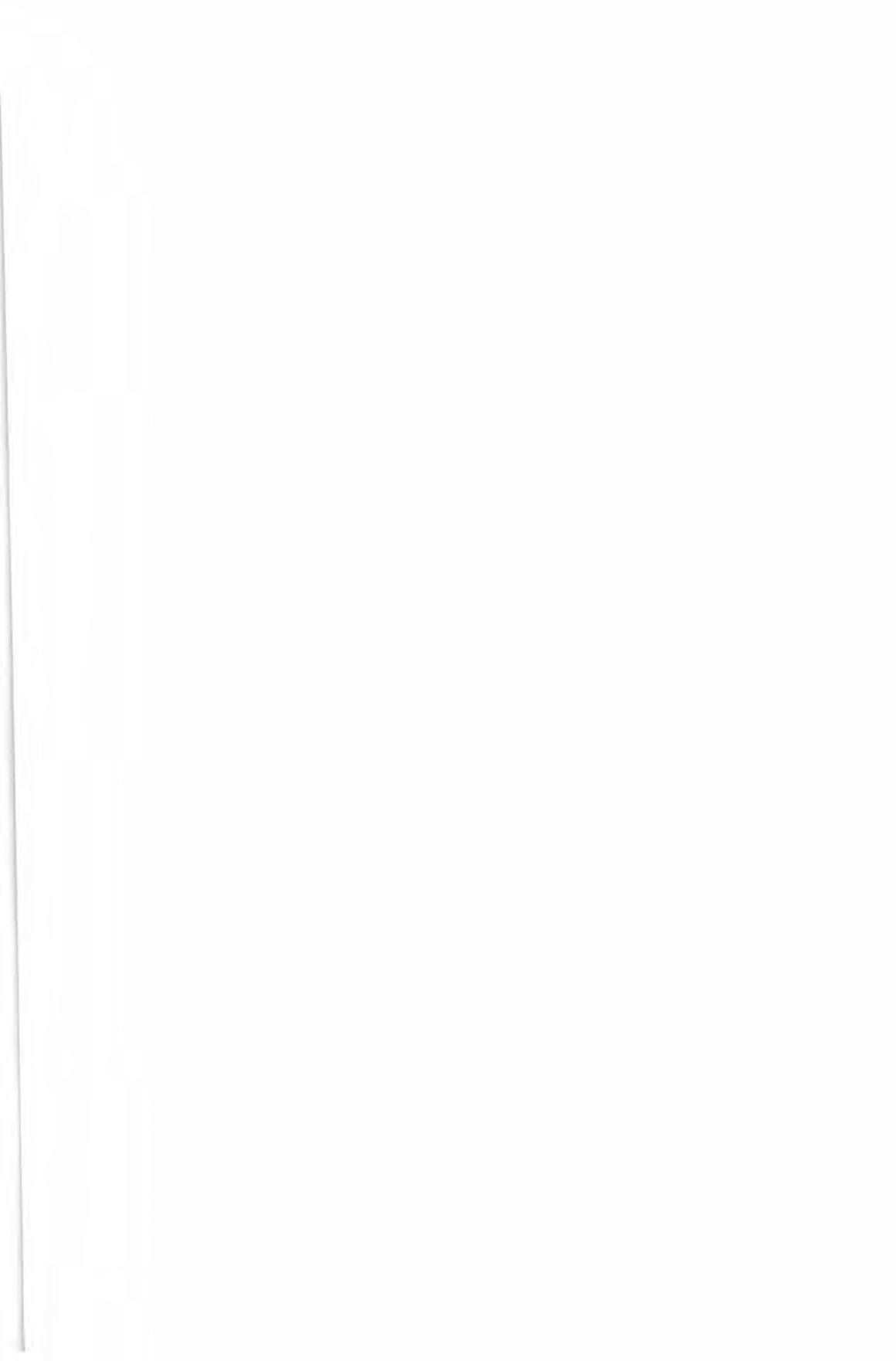
Criteria: In selecting references for this compilation, two considerations were paramount: the work had to relate to some part of New Mexico, whether a large area, or a minute particle of clay; and the reference had to be deemed useful in the pursuit of information in geology, geophysics, geochemistry, hydrogeology, and mineral technology. The only exception to these criteria are the federal-state cooperative snow surveys and water forecasts, which were excluded because of the profusion of authors and because the material is already summarized in U. S. G. S. water-supply papers.

Indexing style: Most of the primary word entries in the INDEX are names of specific topics. Many of these same topics are repeated or cross-referenced under the names of individual counties, river basins, major geologic features, and national parks. The following general subject categories were also indexed rather comprehensively and, therefore, have several subheads: *Geophysics, Geochemistry, Geomorphology, Ground Water, Petroleum and Natural Gas, and Surface Water*, as well as individual geologic systems from *Cambrian* through *Quaternary* plus the *Precambrian*. Quadrangle maps are listed under both the name of the county as well as under "Maps, geologic." Fossil names are indexed only under "Paleobotany" or "Paleontology."

Sources: Most of the citations were taken from serial publications available at the New Mexico Tech library. The library facilities at the University of New Mexico, New Mexico State University, and the U. S. Geological Survey offices in Albuquerque were also most useful. Almost all citations were obtained from original source material (except U. S. Atomic Energy Commission). Additional references were gleaned from Abstracts of North American Geology, Petroleum Abstracts, the private libraries of staff members, and publications lists of various state and federal geologic and mineral agencies. Wherever feasible, these were obtained through interlibrary loan. All periodicals and serials examined appear in the list that follows.

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New Mexico State Bureau of Mines
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Socorro
November 1971



Periodicals

- Abs. N. Amer. Geology* – Abstracts of North American Geology.
- Amer. Assoc. Petroleum Geologists, Bull.* – American Association of Petroleum Geologists, Bulletin. Tulsa, Okla.
- Amer. Geophys. Union, Trans.* – American Geophysical Union, Transactions. Washington, D. C.
- Amer. Inst. Mining, Metall. Petroleum Engineers, Trans.; Metall. Soc., Trans.; Soc. Mining Engineers, Trans.* – American Institute of Mining, Metallurgical and Petroleum Engineers, Transactions; Metallurgical Society, Transactions; Society of Mining Engineers, Transactions.
- Amer. Jour. Science* – American Journal of Science. New Haven, Conn.
- Amer. Mineralogist* – American Mineralogist. Mineralogical Society of America. Washington, D. C.
- Amer. Mus. Novitates* – American Museum Novitates. American Museum of Natural History. New York, N. Y.
- Amer. Soc. Civil Engineers, Trans.* – American Society of Civil Engineers, Transactions, New York, N. Y.
- Amer. Waterworks Assoc. Jour.* – Journal of the American Water Works Association. Lancaster, Pa.
- Annales Geophysique* – Annales de Geophysique. Centre Nationale de la Recherche Scientifique. Paris, France.
- Ariz. Geol. Soc. Digest* – Arizona Geological Society Digest. Tucson, Ariz.
- Assoc. Eng. Geologists* – Association of Engineering Geologists.
- Baylor Geol. Studies, Bull.* – Baylor Geological Studies, Bulletin.
- Bull. Volcanologique* – Bulletin Volcanologique. Association de Volcanologie de l'Union Geodesique et Geophysique International. Naples, Italy.
- Bulls. Amer. Paleontology* – Bulletins of American Paleontology. Paleontological Research Institution. Ithaca, N. Y.
- Canadian Jour. Earth Science* – Canadian Journal of Earth Sciences. National Research Council, Canada. Ottawa, Ontario, Canada.
- Canadian Mineralogist* – The Canadian Mineralogist. Journal of the Mineralogical Association of Canada. Ottawa, Ontario, Canada.
- Chem. Geology* – Chemical Geology.
- Coal Age* – Coal Age. New York, N. Y.
- Colo. School Mines Mineral Industries Bull.* – Colorado School of Mines Mineral Industries Bulletin. Golden, Colo.
- Colo. School Mines, Quart.* – Quarterly of the Colorado School of Mines. Golden, Colo.
- Contr. Mineralogy Petrology* – Contributions to Mineralogy and Petrology.
- Dissert. Abs.* – Dissertation Abstracts. University Microfilms. Ann Arbor, Mich.
- Earth Planetary Science Letters* – Earth and Planetary Science Letters.
- Earthquake Notes* – Earthquake Notes. Eastern Section, Seismological Society of America. Washington, D. C.
- Earth Science Bull.* – Earth Science Bulletin. Wyoming Geological Society.
- Earth Science Reviews* – Earth Science Reviews. Wyoming Geological Society.
- Econ. Geology* – Economic Geology and the Bulletin of the Society of Economic Geologists. Urbana, Ill.
- Engineering Mining Jour.* – Engineering and Mining Journal. McGraw Hill Publishing Co. New York, N. Y.
- Engineering Geology* – Engineering Geology. Bulletin of the Association of Engineering Geologists. Sacramento, Calif.
- Engineering Geology Case Histories* – Engineering Case Histories. Geological Society of America. New York, N. Y.
- Environmental Science Technology* – Environmental Science & Technology.
- Four Corners Geol. Soc., Field Conf.* – Four Corners Geological Society, Field Conference.
- Geochim. et Cosmochim. Acta* – Geochimica et Cosmochimica Acta. Pergamon Press. London, England.

- Geol. Soc. America, Abs. with Programs; Bull.; Mem.; Proc.; Spec. Paper* – Geological Society of America, Abstracts with Programs; Bulletin; Memoir; Proceedings; Special Paper. New York, N. Y.
- Geol. Soc. London, Quart. Jour.* – Quarterly Journal of the Geological Society of London. H. K. Lewis and Company Ltd. London, England.
- Geophys. Jour. Royal Astron. Soc.* – Geophysical Journal of the Royal Astronomical Society, London, England.
- Geophysics* – Geophysics. Society of Exploration Geophysicists. Tulsa, Okla.
- Geotimes* – Geotimes. American Geological Institute. Washington, D. C.
- Ground Water* – Ground water. Journal of the National Water Well Association. Urbana, Ill.
- Ground Water Age* – Ground Water Age.
- Internat. Assoc. Sci. Hydrology, Bull.* – Bulletin of the International Association of Scientific Hydrology, Gentbrugge, Belgium.
- Internat. Boundary and Water Comm. U. S. and Mex., Water Bull.* – International Boundary and Water Commission, United States and Mexico, Water Bulletin.
- Jour. Geol. Education* – Journal of Geological Education. National Association of Geology Teachers. Princeton, N. J.
- Jour. Geology* – Journal of Geology. University of Chicago Press. Chicago, Ill.
- Jour. Geomagnetism Geoelectricity* – Journal of Geomagnetism and Geoelectricity. Society of Terrestrial Magnetism and Electricity, Kyoto, Japan.
- Jour. Geophys. Research* – Journal of Geophysical Research. American Geophysical Union. Washington, D. C.
- Jour. Hydrology* – Journal of Hydrology. North Holland Publishing Company. Amsterdam, Netherlands.
- Jour. Less-Common Metals* – Journal of the Less Common Metals. Elsevier Publishing Company. Amsterdam, Netherlands.
- Jour. Metals* – Journal of Metals.
- Jour. Paleontology* – Journal of Paleontology. Society of Economic Paleontologists and Mineralogists, The American Association of Petroleum Geologists, and The Geological Society of America. Tulsa, Okla.
- Jour. Petroleum Technology* – Journal of Petroleum Technology. Society of Petroleum Engineers of the American Institute of Mining, Metallurgical, and Petroleum Engineers. Dallas, Tex.
- Jour. Petrology* – Journal of Petrology. Oxford University Press. Oxford, England.
- Jour. Sed. Petrology* – Journal of Sedimentary Petrology. Society of Economic Paleontologists and Mineralogists, a Division of the American Association of Petroleum Geologists. Tulsa, Okla.
- Kennecott Chinorama* – Kennecott Chinorama. Hurley, N. Mex.
- Lethaia* – Lethaia.
- Micropaleontology* – Micropaleontology. American Museum of Natural History. New York, N. Y.
- Mineralog. Mag.* – Mineralogical Magazine and Journal of the Mineralogical Society. The Mineralogical Society. London, England.
- Mines Mag.* – Mines Magazine. Colorado School of Mines Alumni Association. Denver, Colo.
- Mining Congress Jour.* – Mining Congress Journal. American Mining Congress. Washington, D. C.
- Mining Engineering* – Mining Engineering. American Institute of Mining, Metallurgical, and Petroleum Engineers. New York, N. Y.
- Mountain Geologist* – Mountain Geologist. Rocky Mountain Association of Geologists. Denver, Colo.
- Nat. Resources Jour.* – Natural Resources Journal. University of New Mexico School of Law. Albuquerque, N. Mex.
- Nat. Speleol. Soc., Bull.* – Bulletin of the National Speleological Society. Falls Church, Va.
- Nature* – Nature. A Weekly Journal of Science. Macmillan (Journals) Limited. London, England.
- N. Mex. Geol. Soc., Guidebook; Spec. Pub.* – New Mexico Geological Society, Guidebook; Special Publication.

- N. Mex. Mag.* — New Mexico Magazine. New Mexico Department of Development. Santa Fe, N. Mex.
- N. Mex. Mapping Advisory Committee, Rept.* — New Mexico Mapping Advisory Committee, Report.
- N. Mex. Oil Gas Engineering Committee, Ann. Rept.* — New Mexico Oil & Gas Engineering Committee, Annual Report. Hobbs, N. Mex.
- N. Mex. State Bur. Mines Mineral Resources, Ann. Rept.; Bull.; Circ.; Geol. Maps; Ground-Water Rept.; Mem.; Mineral Resources Rept.; Scenic Trips Geol. Past* — New Mexico State Bureau of Mines and Mineral Resources, Annual Report; Bulletin; Circular; Geologic Maps; Ground-Water Report; Memoir; Mineral Resources Report; Scenic Trips to the Geologic Past. Socorro, N. M.
- N. Mex. State Engineer, Bienn. Rept.; Tech. Rept.* — New Mexico State Engineer, Biennial Report; Technical Report. Santa Fe, N. Mex.
- N. Mex. State Inspector of Mines, Ann. Rept.* — New Mexico State Inspector of Mines, Annual Report. Albuquerque, N. Mex.
- N. Mex. Univ., Pubs. Geology* — University of New Mexico Publications in Geology. Albuquerque, N. Mex.
- N. Y. Acad. Sciences, Annals* — Annals of the New York Academy of Sciences. New York, N. Y.
- N. Zealand Jour. Geology and Geophysics* — New Zealand Journal of Geology and Geophysics. Wellington, New Zealand.
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- Palaeontographica* — Palaeontographica. Stuttgart, Federal Republic of Germany.
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- Radiocarbon* — Radiocarbon. American Journal of Science. Yale University. New Haven, Conn.
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- Roswell Geol. Soc. Guidebook* — Roswell Geological Society, Guidebook. Roswell, N. M.
- Royal Astron. Soc.*, See *Geophys. Jour. Royal Astron. Soc.*
- Science* — Science. American Association for the Advancement of Science. Washington, D. C.
- Seismol. Soc. Amer., Bull.* — Seismological Society of America, Bulletin. Berkeley, Calif.
- Soc. Econ. Paleontologists Mineralogists, Permian Basin Sec.* — Society of Economic Paleontologists and Mineralogists, Permian Basin Section, Tulsa, Okla.
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