Introduction

The references which are listed in this document represent the readily available literature about coal resources on or adjacent to the Navajo Indian Reservation. They were selected during the developmental phase of the Navajo Resource Information System (NRIS). The system contains a set of computerized data bases addressing various resource categories. The system was developed by the U.S. Geological Survey in coordination with the Minerals Department, Navajo Nation. Funding support was provided by the Bureau of Indian Affairs.

Literature is the foundation of resource assessment and the absence of such a compilation for the Navajo Nation prompted the development of a reference data base entitled "nref," which consists of over 1300 records. The following reference list of approximately 70 references was selected from those citations which contain "coal" in a keyword list attached to each citation. References to general literature on this topic may also be present.

The main attempt was to list most of the literature published in the 1960's and 1970's for areas in, or adjacent to, the Navajo Reservation. References published prior to this were included only if readily available or if they seemed to represent areas or topics not covered in later publications. We hope most of the historical literature not given within this list will be found in the bibliographies of the papers cited.

The areas and topics of interest to the Navajo Nation are identical to a large amount of the historical geologic work conducted by others on the Navajo Reservation. The index which follows represents the first attempt at compiling this large body of work and we, therefore, regret
the omission of any important works which we might have missed. Readers of this document are encouraged to inform the Minerals Department, Navajo Nation of any omissions or errors. Copies of reports, reprints, etc., applicable to the Navajo Reservation would be appreciated as well. Please send to: Minerals Department, P.O. Box 146, Window Rock, AZ 86515.

Rules used in the Reference List

Each reference is composed of author, year, title, publishing agency, place of publication and collation, in that order, as follows:

Author—may be editor(s), compiler(s), or multiple authors. In the latter case, articles with more than three authors will be given with "et al." following the initial author's name. In most cases, first and middle names are abbreviated.

Year—the year of publication.

Title—may be of a book, an article in a guidebook, a compilation, or an article in a journal publication. Secondary titles which follow the publishing agency can be the name of a compilation of papers. Editors of compilations may be given as well. Organizational names are given before the secondary titles of memoirs, guidebooks, etc.

Publishing agency—may be a publishing house, a governmental agency (federal or state), or professional or technical journal. The type of publication (memoir, bulletin, guidebook), the editor, or field conference number will also be given when appropriate.
Collation—volume and number of a serial publication and inclusive pagination will be given. Total number of pages will be given, if available, for books. If the reference is to a selected part of a publication, this will be indicated by page intervals. If pages were not counted or publication is unpaginated, [unpaginated] will appear.

Abbreviation Standards

International abbreviation standards prepared by the National Clearinghouse for Periodic Title Word Abbreviations Service, Ohio State University, have been used in most cases. This has reduced the length of most citations. However, to prevent possible misinterpretations, two lists of abbreviations are given. The first, located in appendix A, gives general abbreviations for one or two words. The second list, located in appendix B, gives abbreviations for organizations and the full title for which they stand.

Acknowledgments

This compilation was completed with the assistance of the staff of the Minerals Department, Navajo Nation at Window Rock. Augustine Blackgoat, the staff geologist for coal, was particularly helpful.
REFERENCES ON COAL


Meissner, F.F., 1977, Coal as a major source of dry natural gas with example from two Rocky Mountain basins, San Juan and Raton: Colo. Geol. Surv. Resour. Ser. 1, Geology of Rocky Mountain coal--proceedings of the 1976 symposium, p. 174-175 (abstr.)


Appendix A

Abstract
Academy
Administration
American
Annual
Appendix
Arizona
Association
Bulletin
Bureau
Doctoral
Circular
Congress
Commission
Department
Dissertation
Economic
Engineering
Geological
Geologists
Geophysical
Guidebook
History
Hydrology
Intermountain
International
Investigations
Journal
Meeting
Memoir
Mineral
Appendix B

The follow list* gives abbreviations for organizations, journals, etc. which have been used in the bibliographic data base. Additional items which may follow the initial entry are given in parentheses.

AIME--American Institute of Mining, Metallurgical, and Petroleum Engineers (Ann. Meet.--Annual Meeting; Trans.--Transactions)


Am. Geol.--American Geology

Am. J. Sci.--American Journal of Science

Am. Mineral.--American Mineralogist


Ariz. Acad. Sci. J.--Arizona Academy of Science Journal


Ariz. Geol. Soc. Dig.--Arizona Geological Society Digest


Bendix Field Eng. Corp. (for DOE)--Bendix Field Engineering Corporation (for Department of Energy)


Brigham Young Univ. Geol. Stud.--Brigham Young University Geology Studies

Calif. Oil World--California Oil World

Chem. Geol.--Chemical Geology


Contrib. Mineral. Petrol.--Contributions to Mineralogy and Petrology

Counc. Energy Resour. Tribes--Council of Energy Resources Tribes

*note: This list is applicable for the full reference database.
Cushman Found. Foraminiferal Res. Contrib.--Cushman Foundation for Foraminiferal Research Contribution
Diss. Abstr. Int.--Dissertations Abstract International
Econ. Geol.--Economic Geology
Elect. Power Res. Inst.--Electric Power Research Institute
Eng. Mining J.--Engineering and Mining Journal
EOS (Am. Geophys. Union Trans.)--EOS (American Geophysical Union Transactions)
Four Corners Geol. Soc.--Four Corners Geological Society (Field Conf.--Field Conference; Mem.--Memoir)
Geol.--Geology (Geol. Soc. Am.)
Intermt. Assoc. Pet. Geol.--Intermountain Association of Petroleum Geologists (Field Conf.--Field Conference; Guideb.--Guidebook; Symp.--Symposium)
Int. Assoc. Hydrol. Pub.--International Association of Hydrologists Publication
IAEA--International Atomic Energy Agency
J. Geochem. Expl.--Journal of Geochemical Exploration
J. Less Common Metals--Journal of Less Common Metals
J. Paleontol.--Journal of Paleontology
J. Soil Water Conserv.--Journal of Soil and Water Conservation
Min. Congr. J.--Mining Congress Journal
Min. Mag.--Mining Magazine
Min. J.--Mining Journal (London)
Mt. Geol.--(The) Mountain Geologist
N.M. Acad. Sci. Bull.--New Mexico Academy of Science Bulletin
N.M. Geol.--New Mexico Geology
N.M. Geol. Soc.--New Mexico Geological Society (Guideb.--Guidebook; Spec. Pub.--Special Publication)
N.M. Univ. Pub. Geol.--University of New Mexico Publication on Geology
N.M. Univ. Bus. Circ.--University of New Mexico Business Circular
Oil Gas J.--Oil and Gas Journal
Pan-Am. Geol.--Pan-American Geologist
Rocky Mt. Assoc. Geol. Guideb.--Rocky Mountain Association of Geologists Guidebook (Denver)
Sci.--Science