Introduction

The references which are listed in this document represent the readily available literature about oil, gas, and helium 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 230 references was selected from those citations which contain oil, gas, or helium in a keyword list attached to each citation. References to general literature on oil, gas, or helium 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. Regrettably, important works might have been 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.
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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.
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


Soc. Econ. Paleontol. Mineral.,--Society of Economic Paleontologists and Mineralogists (Rocky Mtn. Sect.--Rocky Mountain Section; Spec. Publ.--Special Publication)


Tex. Bur. Econ. Geol.--Texas Bureau of Economic Geology
Utah Geol.--Utah Geology
Utah Geol. Soc.--Utah Geological Society (Guideb.--Guidebook)
Utah Univ. Press--University of Utah Press
USAEC--United State Atomic Energy Commission (Guideb.--Guidebook; GJO--Grand Junction Office; RMO--Report; RME-Report)
U.S. Bur. Indian Aff.--United States Bureau of Indian Affairs
U.S. Bur. Reclam.--United States Bureau of Reclamation
West. Oil Rep.--Western Oil Reporter
Wyo. Univ. Contr. Geol.--University of Wyoming Contributions to Geology