

SOURCES OF INFORMATION
ON
EXPLORATION FOR ENERGY RESOURCES
IN THE STATE
OF
ARIZONA

BOOKLET ---

Prepared to acquaint newcomers to Arizona as to the availability of well data, stratigraphic logs, geophysical logs, samples of drill-bit cuttings, cores, maps of various kinds, geophysical and geological data and publications, photography, and miscellaneous information from governmental agencies, academic institutions and other sources.

By

J. N. Conley

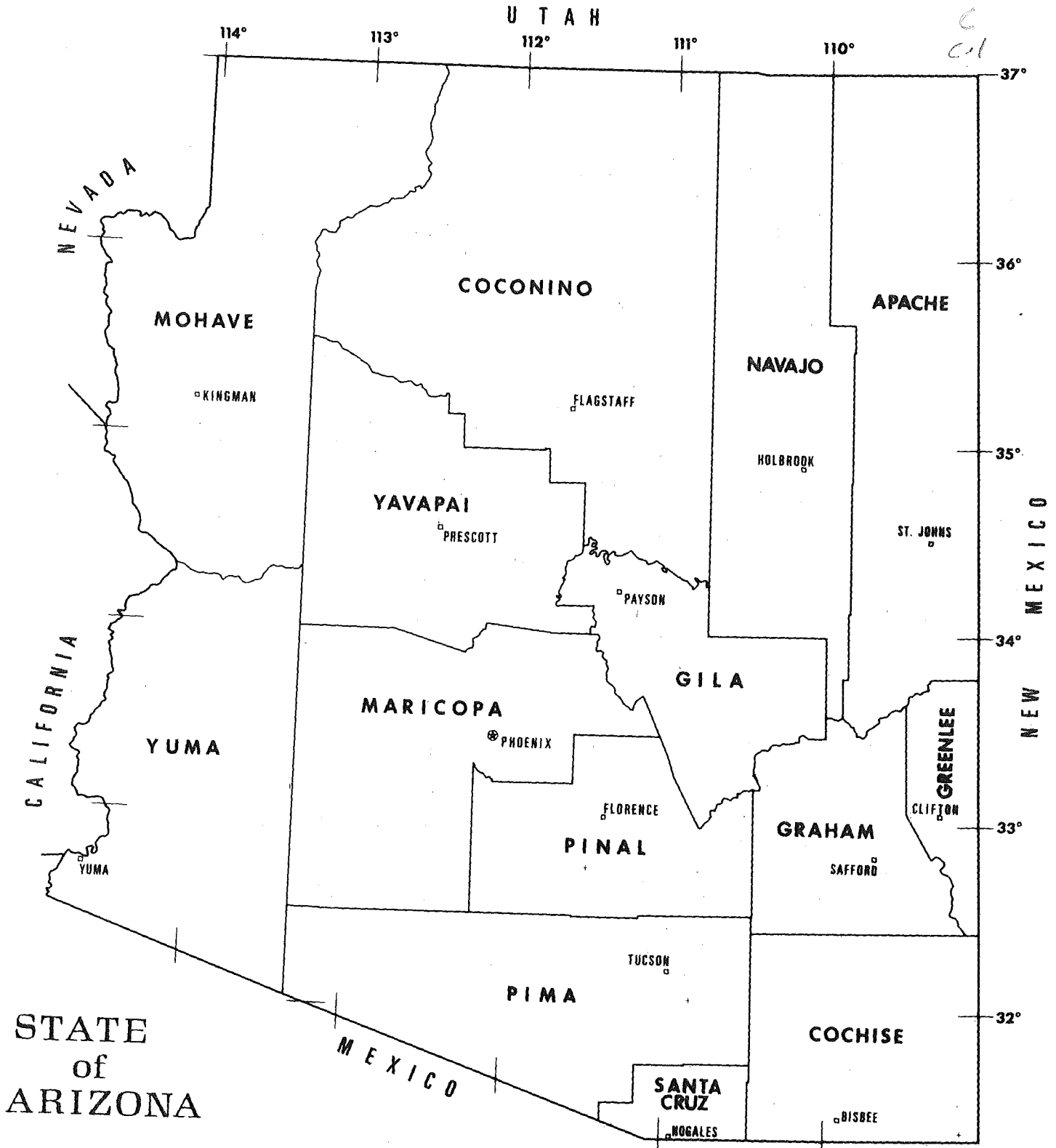
Arizona Oil & Gas Conservation Commission
4515 North Seventh Avenue
Phoenix, Arizona 85013
Phone: (602) 271-5161

May, 1973

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BUREAU OF GEOLOGY
AND MINERAL TECHNOLOGY

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STATE
of
ARIZONA

OIL AND GAS CONSERVATION COMMISSION

OF THE

STATE OF ARIZONA

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The Commission, by virtue of ARS 27-515 and ARS 27-652 et seq, has jurisdiction and authority over such persons and property deemed necessary to administer and enforce the provisions of the statutes, rules, and regulations relating to the exploration for and exploitation of oil, gas, helium, and geothermal resources.

COMMISSION:

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J. N. Conley, Director of
Geology Section
James R. Scurlock, Geologist
Edward A. Koester, Geologist

4515 North Seventh Avenue
Phoenix, Arizona 85013
Ph.: (602) 271-5161

May, 1973

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ARCHIVES & RECORDS

Arizona Capitol Building, 4th Floor, Phoenix, 85007

Library has copies of all publications by State agencies and academic institutions.

* * * *

ARIZONA BUREAU OF MINES

The University of Arizona, Tucson, Arizona 85721

The Bureau's primary functions are scientific investigation and public service activities comparable to those conducted by geological survey agencies and mineral experiment stations in other states.

Partial list of maps:

- 1. Base Map of Arizona
 - Scale approximately 16 miles to the inch (1:1,000,000)... \$0.25

- 3. County Geologic Map Series*
 - Printed in color, scale 6 miles to the inch (1:375,000)
 - 3-1 Cochise County (1959)..... .75
 - 3-2 Coconino County (1960)..... 1.00
 - 3-3 Gila County (1959)..... .75
 - 3-4 Graham-Greenlee Counties (1958)..... .75
 - 3-5 Maricopa County (1957)..... .75
 - 3-6 Mohave County (1959)..... .75
 - 3-7 Navajo-Apache Counties (1960)..... 1.00
 - 3-8 Pima-Santa Cruz Counties (1960)..... .75
 - 3-9 Pinal County (1959)..... .75
 - 3-10 Yavapai County (1958)..... .75
 - 3-11 Yuma County (1960)..... .75

*These maps show townships only in surveyed areas. See Arizona State Highway Department, Materials Division, page 4, for some counties on which the areal geology is shown on sectionized General Highway Maps.

- 7. Geologic Cross Sections of Arizona (1962)
 - Printed in color, scale 3 miles to 1 inch
 - 7-1 Sheet one, sections 1, 2, and 3..... 1.00
 - 7-2 Sheet two, sections 4, 5, and 6..... 1.00
 - 7-3 Sheet three, sections 7 and 8..... 1.00

- 8. Map of Outcrops of Precambrian Rocks in Arizona (1962)
 - Printed in color, scale approximately 16 miles to the inch (1:1,000,000)..... .50

ARIZONA BUREAU OF MINES - continued
Partial list of bulletins - continued

184. Geologic Guidebook 4 - Highways of Arizona, Arizona Highways 87, 88, and 188; by C.F. Royse, M.F. Sheridan, and H.W. Peirce..... \$0.75
185. Arizona Well Information; by H. Wesley Peirce, Arizona Bureau of Mines, and James R. Scurlock, Arizona Oil and Gas Conservation Commission, 1972..... 2.00
186. Geology of Virgin and Beaver Dam Mountains, Arizona; by R.T. Moore, 1973..... 2.00

All communications about services and orders for copies of publications should be addressed, and remittance made payable to ARIZONA BUREAU OF MINES, THE UNIVERSITY OF ARIZONA, TUCSON, ARIZONA 85721. Free to residents of Arizona.

Technical Library:

Specialized collection of U.S. Geological Survey maps, bulletins, professional papers and water supply papers, U.S. Bureau of Mines publications, Arizona Bureau of Mines publications, and miscellaneous publications. Library open to public, but restricted to on-premise use.

Well Sample Library:

Most of the preserved samples of drill-bit cuttings and/or cores of test holes drilled for oil, gas, stratigraphic information and water in the State are available for examination in the library.

* * * *

ARIZONA STATE HIGHWAY DEPARTMENT

Administrative Services Division, 206 South 17th Avenue,
Phoenix, Arizona 85007

Maps:

County General Highway

Half scale - 1"=2 miles -- in stock

Full scale - 1"=1 mile -- special order

Local areas

Various areas - scale, 1"=500' to 1"=2000'

State

General Highway Map, 1971, 1:500,000. An excellent reference map: shows location of national forests and monuments, Indian reservations, principal mountains, valleys and drainage, military and game ranges, and many cultural features.

ARIZONA COMMISSION OF INDIAN AFFAIRS - continued
INDIAN RESERVATIONS - continued

GILA RIVER: Mr. Alexander Lewis, Sr., Gov.
Gila River Pima-Maricopa Tribal Council
Post Office Box 97
Sacaton, Arizona 85247

HAVASUPAI: Mr. Oscar Paya, Chr.
Havasupai Tribal Council
General Delivery
Supai, Arizona 86435

HOPI: Mr. Clarence Hamilton, Chr.
Hopi Tribal Council
Post Office Box 123
Craibi, Arizona 86039

HUALAPAI: Mr. Benedict Beecher, Chr.
Hualapai Tribal Council
Post Office Box 168
Peach Springs, Arizona 86434

KAIBAB-PAIUTE: Mr. Bill Tom, Chr.
Kaibab-Paiute Tribe
via Pipe Springs National Monument
Fredonia, Arizona 86022

NAVAJO: Mr. Peter MacDonald, Chr.
Office of Minerals Development
The Navajo Tribe
Box 146
Window Rock, Arizona 86515

PAPAGO: Mr. Augustine Lopez, Chr.
Papago Tribal Council
Post Office Box 837
Sells, Arizona 85634

SALT RIVER: Mr. Paul Smith, Chr.
Pima-Maricopa Indian Community
Route 1 - Box 120
Scottsdale, Arizona 85256

SAN CARLOS: Mr. Marvin Mull, Chr.
San Carlos Apache Tribal Council
Post Office Box "O"
San Carlos, Arizona 85550

YAVAPAI-PRESCOTT: Mrs. Patricia McGee
President, Yavapai-Prescott Board
Post Office Box 348
Prescott, Arizona 86301

* * * *

ARIZONA STATE LAND DEPARTMENT

Minerals and Energy Division, 1624 West Adams, Room 400,
Phoenix, Arizona 85007

This division, in addition to responsibilities and functions relating to oil, gas, helium and geothermal resources on State owned lands, also administers and enforces the provisions of the statutes, rules and regulations relating to the permitting, drilling, and completion of wells drilled for water resources. A previous function relating to the preparation of hydrology reports in cooperation with the United States Geological Survey, Water Resources Division, is now the responsibility of the Arizona Water Commission.

Partial list of water-resources reports:

- * 3. Geology and ground-water resources of the Harquahala Plains area, Maricopa and Yuma Counties, Arizona, by D.G. Metzger: 40 p., 2 pls., 7 figs., 1957.
- * 4. Geology and ground-water resources of the Palomas Plain - Dendora Valley area, Maricopa and Yuma Counties, by C.A. Armstrong and C.B. Yost, Jr., 49 p., 3 pls., 4 figs., 1958.

ARIZONA STATE LAND DEPARTMENT - continued
Minerals and Energy Division - continued
Partial list of water-resources reports - continued

22. Bibliography of U.S. Geological Survey water-resources reports, Arizona 1891 to 1965, compiled by the Arizona District, Water Resources Division, U.S. Geological Survey: 59 p., 1965.
- * 23. Geohydrology of the Dateland-Hyder area, Maricopa and Yuma Counties, Arizona, by W.G. Weist, Jr., 46 p., 8 figs., 1965.
25. An appraisal of the ground-water resources of Avra and Altar Valleys, Pima County, Arizona, by N.D. White, W.G. Matlock, and H.C. Schwalen: 66 p., 12 figs., 1966.
26. Basic hydrologic data of the Hualapai, Sacramento, and Big Sandy Valleys, Mohave County, Arizona, by J.B. Gillespie, C.B. Bentley, and William Kam: 39 p., 6 figs., 1966.
27. Basic ground-water data for western Salt River Valley, Maricopa County, Arizona, by William Kam, H.H. Schumann, L.R. Kister, and F.E. Arteaga: 72 p., 11 figs., 1966.
30. Hydrologic conditions in the Douglas basin, Cochise County, Arizona, by N.D. White and Dallas Childers: 26 p., 9 figs., 1967.
33. Basic ground-water data for southern Coconino County, Arizona, by E.H. McGavock: 49 p., 4 figs., 1968.
35. Ground water in Paradise Valley, Maricopa County, Arizona, by F.E. Arteaga, N.D. White, M.E. Cooley, and A.F. Sutheimer: 76 p., 15 figs., 1968.
37. Ground-water conditions in the Waterman Wash area, Maricopa and Pinal Counties, Arizona, by E.E. Denis: 23 p., 9 figs., 1968.
39. Hydrologic conditions in the Gila Bend basin, Maricopa County, Arizona, by R.S. Stulik and Otto Moosburner: 63 p., 10 figs., 1969.
40. Ground-water conditions in McMullen Valley, Maricopa, Yuma, and Yavapai Counties, Arizona, by P.C. Briggs: 31 p., 9 figs., 1969.
41. Ground-water conditions in the Ranegras Plain, Yuma County, Arizona, by P.C. Briggs: 28 p., 7 figs., 1969.
45. Ground-water conditions in the Harquahala Plains, Maricopa and Yuma Counties, Arizona, by E.E. Denis: 44 p., 2 pls., 7 figs., 1971.

(*Out-of-print, but available in libraries of U.S. Geological Survey offices in Flagstaff, Phoenix, and Tucson, Arizona, State Archives & Records, Phoenix, and Oil & Gas Conservation Commission, Phoenix)

ARIZONA OIL & GAS CONSERVATION COMMISSION - continued
Maps and reports - continued

Salt Domes in Arizona, Geol. Report I, by Edward A. Koester*

Rules and Regulations, Oil, Gas and Helium, 1972

Rules and Regulations, Geothermal Resources, 1972

Arizona, Well Location Map No. 3 (1972); list of wells drilled for oil, natural gas, helium and stratigraphic information on reverse side. Scale approximately 16 miles to the inch (1:1,000,000)

Maricopa County, Well Location Map 1 (1972); by J. N. Conley and E. A. Koester. Scale approximately 8 miles to the inch (1:500,000)

Yuma County, Well Location Map 2 (1972); by J. N. Conley and E. A. Koester. Scale approximately 8 miles to the inch (1:500,000)

Pinal County, Well Location Map 3 (1972); by J. N. Conley and E. A. Koester. Scale approximately 8 miles to the inch (1:500,000)

Cochise County, Well Location Map 4 (1972); by J. N. Conley and E. A. Koester. Scale approximately 8 miles to the inch (1:500,000)

Subsurface Temperature Map of Arizona (1972); by J. R. Scurlock and J. N. Conley. Scale approximately 16 miles to the inch (1:1,000,000). Preliminary open-file map; available by private reproduction from Hook, Rockwell & Zuendel, 3511 East Indian School Road, Phoenix, Arizona 85018, phone (602) 956-3200, at cost of \$1.75, postage prepaid.

A Study of Regional Geophysical Data in the Holbrook Area (Apache, Navajo and Coconino Counties), Arizona (1972); by Carlos L. V. Aiken and John S. Summer, University of Arizona. Preliminary open-file report prepared for the Arizona Oil and Gas Conservation Commission and the Four Corners Regional Commission. May be inspected in offices of the Arizona Oil and Gas Conservation Commission.

Holbrook Area Map; available after June 30, 1973. Map will show all wells drilled for oil, natural gas, helium, stratigraphic and structural information, and selected water wells. Area: portions of Apache, Navajo and Coconino Counties; Latitude 34°00' - 35°15' N, Longitude 109°30' - 111°00' W. Scale: 1 inch to 4 miles (1:250,000). The central portion of the geophysical maps accompanying the above-listed report by Aiken and Summer is covered by this map.

Energy Distribution Systems of Arizona (1973); by J. R. Scurlock. Printed in color. Map shows principal fossil fuel pipelines, electricity transmission lines, power plants, and petroleum storage terminals. Scale approximately 16 miles to the inch (1:1,000,000).

Yavapai County, Well Location Map 5 (1973); by J. N. Conley and E. A. Koester. Scale approximately 8 miles to the inch (1:500,000).

Geophysical investigations in Southeastern Arizona valleys by Geophysical Laboratory graduate students and faculty, Geosciences Department, University of Arizona. This will be a preliminary open-file report prepared for the Arizona Oil and Gas Conservation Commission and the Four Corners Regional Commission. It will be available for inspection in the offices of The Commission after June 30, 1973.

(*Out-of-print)

ARIZONA RESOURCES INFORMATION SYSTEM - continued

Photography being taken of Arizona by NASA is from an altitude of 65,000 feet using the following cameras and film to obtain total coverage of the State:

<u>Camera</u>	<u>Filter</u>	<u>Film</u>	<u>Nominal Scale</u>
Wild RC-10, 6" Focal Length		Kodak 2402	1:120,000
Vinten 70 mm., 1 3/4" F.L.	Green	2402	1:410,000
Vinten 70 mm., 1 3/4" F.L.	Red	2402	1:410,000
Vinten 70 mm., 1 3/4" F.L.	Infrared	2424	1:410,000
Vinten 70 mm., 1 3/4" F.L.		Color S0242	1:410,000

Copies of the above photo coverage can be viewed at the ARIS Office, 3500 North Central Avenue, Suite 116, Phoenix, Arizona 85012. Copies may be ordered from the U.S. Geological Survey, EROS Data Center, 10th and Dakota Avenue, Sioux Falls, South Dakota 57198.

Orthophotoquads matching the scale and sheet coverage of 7 1/2-minute quadrangles are under production by the United States Geological Survey using the NASA 1:120,000 photography. This project is funded by the State of Arizona, and the State will sell copies of these orthophotoquads at a price yet to be determined. It is anticipated that virtually all of Arizona will be completed within two years.

Additional Arizona coverage by NASA from high altitude aircraft and from space can be viewed at the United States Geological Survey's Arizona Regional Ecological Test Site (ARETS) remote sensing data facility in the Phoenix Federal Building Office of Herbert H. Schumann, at 230 North First Avenue, Room 5017, Phoenix 85025. Included at this facility is microfilm equipment for viewing Earth Resources Technology Satellite (ERTS) imagery of Arizona, the United States, and the world.

* * * *

ARIZONA STATE UNIVERSITY

Department of Geology, Tempe, Arizona 85281

Lists of M.S. theses and papers published by the department are available from the office of Troy L. Pewé, Chairman.

Two recent theses of exploratory interest: Geothermal waters of Arizona, by Anthony H. Tellier; and Gravity method applied to the hydrology of the Paradise Valley, Maricopa County, Arizona, by C. Dean Lausten.

* * * *

UNITED STATES GOVERNMENTAL AGENCIES

Department of Agriculture

Soil Conservation Service

State Office, 230 North First Avenue, Phoenix, Arizona 85004

Arizona Land Ownership and Administration map and other maps available for purchase or inspection.

Forest Service

Department of Agriculture
Forest Service, Regional Forester
Forest Service, U.S.D.A.
Federal Bldg., 6th Floor
517 Gold Ave. SW
Albuquerque, New Mexico

This agency publishes maps at a scale of one inch to two miles covering the national forests and adjacent areas in Arizona. Drainage and a vast amount of cultural detail are shown.

Department of Commerce

Washington, D. C. 20230

Sectional aeronautical charts:

Scale 1:500,000, Phoenix and Las Vegas charts

Scale 1:1,000,000, Arizona chart. This chart prepared and distributed by Arizona Department of Aeronautics and Arizona Department of Economic Planning and Development.

Department of Interior

Bureau of Indian Affairs

124 West Thomas Road, Phoenix, Arizona 85013

See Arizona Commission of Indian Affairs, pages 4 and 5, for list of reservations.

Bureau of Land Management

230 North First Avenue, Phoenix, Arizona 85004

Land records, survey, technical services, and resources.

Maps:

Areas of Administrative Responsibility of Federal Lands, 1:500,000. This map shows location of public lands, Indian reservations, national and State parks, recreational areas, wildlife refuges, military reservations, and withdrawals, private and State lands, Indian ceded lands, and withdrawn federal lands. It also shows surveyed and unsurveyed lands, highways, topographic contours, cities, towns, villages, principal drainage and other cultural information.

Protraction diagrams of unsurveyed areas, 1"=1 mile.

UNITED STATES GOVERNMENTAL AGENCIES - continued

Department of Interior - continued

Topographic Division

345 Middlefield Road, Menlo Park, California 94025

Advance material available from current topographic mapping in Arizona is available from this division of the Geological Survey.

This division is also producing orthophotoquads matching the scale and sheet coverage of 7 1/2-minute quadrangles in Arizona, using the NASA 1:120,000 photography. This project is funded by the State of Arizona. The State will sell copies of these orthophotoquads at a price yet to be determined.

Conservation Division, Western Region

309 Federal Bldg., 800 Truxton Ave., Bakersfield, California 93301

This office of the Geological Survey is responsible for federal supervision of exploration for and exploitation of fossil fuel resources on federal and Indian lands in all of Arizona except that portion occupied by the Hopi and Navajo Indian Reservations, which is under the supervision of the Conservation Division office in Farmington, New Mexico. The Arizona Oil and Gas Conservation Commission has jurisdiction over drilling on all lands, including Indian reservations.

Water Resources Division

This division of the Geological Survey maintains records of wells drilled for water and prepares hydrologic reports for the Arizona Water Commission. Previous to April, 1971, the State Land Department was the cooperating agency. (See pages 5, 6, and 7 for a partial list of reports.)

Offices:

- P. O. Box 4070, Tucson, Arizona 85717;
- Federal Bldg., Room 5017, 230 North 1st Avenue, Phoenix, Arizona 85025;
- P. O. Box 253, Flagstaff, Arizona 86001;
- P. O. Box 831, Yuma, Arizona 85364

AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

P. O. Box 979, Tulsa, Oklahoma 74101

Monthly bulletins and special publications; consult indexes for papers pertaining to geology of Arizona.

Map:

Southern Rocky Mountain Region, Geological Highway Map, Utah - Colorado - Arizona - New Mexico; 1"=30 miles; Catalog No. 682

GEOLOGICAL SOCIETY OF AMERICA

P. O. Box 1719, Boulder, Colorado 80302

Monthly bulletins; consult indexes for papers and memoirs pertaining to geology of Arizona.

* * * *

GEOLOGICAL SOCIETIES AND ASSOCIATIONS, MISCELLANEOUS -- FIELD CONFERENCE
GUIDEBOOKS AND OTHER PUBLICATIONS

Numerous papers pertaining to the geology of Arizona have been published by geological societies. Some of these publications containing one or more papers of interest are listed below:

ARIZONA GEOLOGICAL SOCIETY

P. O. Box 4484, Tucson, Arizona 85717

Arizona Highway Geologic Map, 1967, 1:1,000,000

Guidebooks I, II and III

Digests

Digests are issued periodically by the Society as informal bulletins intended to present technical papers and progress reports of research bearing on geological problems of Arizona in particular and the southwest generally. Nine volumes of the Digest have been issued.

FIELDNOTES

A publication by the Society pertaining to earth science and mineral resources in Arizona, is a free item useful to any geologist. Subscriptions are available through the Arizona Bureau of Mines, Tucson, Arizona 85721. Requests for subscriptions should show business or professional affiliation.

FOUR CORNERS GEOLOGICAL SOCIETY

Second Field Conference, 1957

Fifth Field Conference, 1969

INTERMOUNTAIN ASSOCIATION OF PETROLEUM GEOLOGISTS

Twelfth Annual Field Conference, 1963

NATIONAL ASSOCIATION OF GEOLOGY TEACHERS

Guidebook to Four Corners Colorado Plateau, 1970

NEW MEXICO GEOLOGICAL SOCIETY

Ninth Field Conference, 1958

Tenth Field Conference, 1959

Thirteenth Field Conference, 1962

Guidebook of Mogollon Rim (Arizona) Region

Twentieth Field Conference, 1969

Twenty-First Field Conference, 1970

* * * *

"PHOTOGEOLOGIC" MAP COMPANIES*

Several companies based in Denver, Colorado have coverage of portions of the State. Some of these companies are:

Amuedo & Ivey
424 Hilton Office Building, Denver, Colorado 80202

Geophoto Services, Inc.
P. O. Box 22293, Denver, Colorado 80222

Knox, Bergman & Shearer
1600 Ogden Street, Denver, Colorado 80218

Trollinger & Gosney & Associates, Inc.
2150 South Bellaire, Denver, Colorado 80222

* * * *

POMCO, INC.
604 South David, Casper, Wyoming 82601

This company publishes a subsurface geologic structure contour map covering a large area in the northeast part of the State; geological data by Barlow & Haun, Inc.

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MISCELLANEOUS

Leases - Governmental and Indian Lands

For information on availability and acquisition of oil, natural gas and helium leases and geothermal leases contact:

Arizona State Land Department, 1624 West Adams, Phoenix, Arizona 85007
Bureau of Land Management, Land Office, U. S. Department of Interior,
230 North First Avenue, Phoenix, Arizona 85004
Tribal Councils -- see pages 4 and 5 for addresses of Tribal Council
chairmen

Arizona -- Selected References

Geologic

See references cited in:

Coal, oil, natural gas, helium, and uranium in Arizona, by H. Wesley Peirce, Stanton B. Keith, and Jan Carol Wilt: Arizona Bureau of Mines, 1970, p. 147-159.

*RADAR IMAGERY, SIDE-LOOKING

Goodyear Aerospace Corporation, Geosciences Services, Litchfield Park,
Arizona 85340

ARIZONA -- SELECTED REFERENCES - continued

Geophysical - continued

- Anonymous, 1966, Aeromagnetic map of Safford and vicinity, Graham and Greenlee Counties, Arizona: U. S. Geol. Survey, open-file.
- Davis, R. W., 1971, The analysis of gravity data from the Tucson basin, Arizona: Arizona Geol. Society, V. IX, p. 103-121.
- Dempsey, W. J., and others, 1952, Magnetic map of part of Cortaro quadrangle, Pima County, Arizona: U. S. Geol. Survey, open-file.
- Peterson, D. L., Bouguer gravity map of the Needles area, San Bernardino County, California, Mohave County, Arizona, and Clark County, Nevada: U. S. Geol. Survey, open-file.
- Peterson, Donald L., 1968, Bouguer gravity of parts of Pima, Pinal, and Yuma Counties, Arizona: U. S. Geol. Survey, GP-615.
- Pouff, Donald, 1961, Gravity survey near Tucson, Arizona: U. S. Geol. Survey, Geol. Survey research, p. D-258-259.
- Sauck, William A., and Summer, John S., 1970, Residual aeromagnetic map of Arizona: University of Arizona.
- Sauck, W. A., Summer, J. S., and Christensen, J. P., 1971, Aeromagnetic map of northern part of the Tucson basin, Pima County, Arizona: Arizona Geol. Soc. Digest, V. IX, p. 123-135.
- Sauck, William A., 1972, Compilation and preliminary interpretation of the Arizona aeromagnetic map: University of Arizona, unpub. doctorate dissertation.

Geothermic

- Bell, Peter M. and Roy, Robert F., 1967, Heat flow and gravity measurements at Ajo, Arizona: Carnegie Inst. Washington, Yearb. 65, p. 414-415, illus.
- Bryan, Kirk, 1925, The Papago county, Arizona, a geographic, geologic, and hydrologic reconnaissance with a guide to desert watering places: U. S. Geol. Survey, Water-Supply Paper 499, 436 p., 41 fig., 27 pl.
- Buehrer, Theophil Frederic, 1927, The radioactivity of the thermal waters of Castle Hot Springs, Arizona: Am. Jour. Sci., V. 13, Ser. 5, p. 445-449.
- Conley, J. N. and Scurlock, J. R., 1972, Subsurface temperature map of Arizona, preliminary-open-file map, Arizona Oil & Gas Conservation Commission.
- Everit, R. S., 1925, Hot spring water from Clifton, Arizona: Econ. Geol., V. 20, N. 3, p. 291-292.

ARIZONA -- SELECTED REFERENCES - continued

Salt

- Eaton, Gordon P., Peterson, Donald L., and Schumann, Herbert H., 1972, Geophysical, geohydrological, and geochemical reconnaissance of the Luke salt body, central Arizona: U. S. Geol. Survey Prof. Paper 753.
- Feth, J. H., and Hem, J. D., 1963, Reconnaissance of headwater springs in the Gila River drainage basin, Arizona: U. S. Geol. Survey Water-Supply Paper 1619-H, 54 p.
- Gerrard, Thomas A., 1966, Environmental studies of Fort Apache Member, Supai Formation, east-central Arizona: Amer. Assoc. Petr. Geol. Bulletin, V. 50, N. 11, p. 2434-2463.
- Gillespie, J. B., and Bentley, C. B., 1971, Geohydrology of Hualapai and Sacramento Valleys, Mohave County, Arizona: U. S. Geol. Survey Water-Supply Paper 1899-H.
- Koester, E. A., 1971, Salt domes in Arizona: Arizona Oil and Gas Conservation Commission, Geological Report No. 1*.
- Mannion, L. E., 1963, Virgin Valley salt deposits, Clark County, Nevada, in Symposium on salt: Cleveland, Northern Ohio Geol. Soc., p. 166-175.
- Peirce, H. W., and Gerrard, T. A., 1966, Evaporite deposits of the Permian Holbrook basin, Arizona, in Rau, J. L., ed., Second symposium on salt: Cleveland, Northern Ohio Geol. Soc., V. 1, p. 1-10.
- Peirce, H. W., 1969, Salines, in Mineral and water resources of Arizona: Report for the Committee on Interior and Insular Affairs, United States Senate, U. S. Govt. Printing Office, p. 417-424.
- Peirce, H. W., 1973, Halite masses in Basin and Range Province in Arizona, presented at Fourth Annual Symposium on Salt, April 9, 1973.
- Peterson, D. L., 1965, Bouguer anomaly map and principal facts for gravity stations for the Central Arizona Project: U. S. Geol. Survey open-file report, 2 p., 5 maps, 57 data sheets.
- Peterson, D. L., 1968, Bouguer gravity map of parts of Maricopa, Pima, Pinal, and Yuma Counties, Arizona: U. S. Geol. Survey geophys. inv. map GP-615.

*Out-of-print

Oil, Gas, and Helium -- Arizona
(listed chronologically)

- 1938 Holm, D. A., The oil possibilities of Arizona: Arizona State Land Dept.

