Department of Geology
Indiana University

Directory and News Letter No. 11
Ralph E. Esarey, Editor

Bloomington, Indiana
November, 1963

John B. Patton,
Chairman
To our alumni:

We thought these special items should be included with the directory at this time. An issue of the alumni news will be forthcoming in a few months. Please drop me a card or letter with news about yourself or any happenings that might be interesting to the Department or the alumni. Also, please send in all corrections to the directory that you can make. There must be many changes of address about which we have received no notice.

Editor
DR. J. J. GALLOWAY

Doctor J. J. Galloway, internationally known for his contributions to paleontologic knowledge, died suddenly of a heart seizure in his Bloomington home on April 10, 1962. Immediate survivors are his daughter, Mrs. Priscilla Sgro, and his beloved grandson, Master Joseph Sgro.

Born on a farm near Cromwell in Noble County, Indiana, on August 23, 1882, Doctor Galloway majored in geology at Indiana University where he received the Bachelor of Arts (1909), Master of Arts (1911), and Doctor of Philosophy (1913) degrees. Doctor Galloway was the first person to receive the latter degree from the Indiana University Department of Geology and became one of the Department's most distinguished graduates. As a student he was a member of the University's track team and also participated enthusiastically in dramatics.

Doctor Galloway devoted his professional life almost exclusively to teaching and research. He served as an Instructor in the Indiana University Department of Geology from 1913 to 1916. From 1916 to 1931 he was associated with the Department of Geology at Columbia University where he rose from his initial appointment as Curator of Paleontology to Associate Professor of Paleontology. Doctor Galloway rejoined the Indiana University faculty in 1931 as Professor of Geology and Paleontology. On his retirement in 1953, Indiana University bestowed on him the title Professor Emeritus of Geology and Paleontology.

(Taken from a memorial resolution by T. G. Perry, John B. Patton, and Paul E. Thompson.)

DEISS MEMORIAL FUND

The Charles F. Deiss Memorial Fund is building up slowly. Dr. Deiss made a notable contribution to the Department of Geology and the Geological Survey through his leadership and administration. No single person contributed as much as he did toward obtaining the new buildings for the Department and the Survey.

The University Foundation handles the fund which is utilized to help worthy students. During the summers of 1960, 1961, 1962, and 1963, tuition scholarships have been awarded to aid good undergraduate students attending the Indiana University Geologic Field Station in Montana. At the suggestion of Mrs. Deiss, the tuition scholarships, awarded to the best Indiana University geology students since 1960, were extended to eligible students from Montana State University, where Dr. Deiss taught for 17 years. Montana State, by contract, sends its geology majors to our Field Station. Award winners since the scholarship system was initiated have been: 1960, Edward Berg and Gerald Johnson; 1961, Roger Cuffey and Thomas Walker; 1962, Gary Koehrer; and Donald Eckerty in 1963.
KENNETH D. OWEN, consulting geologist of Houston, Texas, and New Harmony, Indiana, a member of the illustrious Owen Family which contributed so much to the geology of Indiana and the Middle West, has furnished and decorated, personally, the Owen Memorial Room as a faculty lounge and departmental reception room in the new building. This is one of the most beautiful and elaborately decorated lounges on the campus. It has an Early American theme carried out with actual antique furniture from that period, such as would have been found in the better homes in New Harmony in the early "eighteen hundreds". This is an outstanding show place on the campus, worth a trip to see. In the very near future we hope to dedicate the lounge as an acknowledgment of this contribution to the Geology Department and the University by the Owen Family.

NEW FACULTY MEMBER

Dr. Paul Edwin Potter joined our faculty last January as Associate Professor of Geology to teach and work in the general fields of sedimentation and sedimentary rocks. Dr. Potter has distinguished himself in this field, having published some 30 papers and two books. Much of his work was done while a member of the Illinois Geological Survey during the years from 1952 to 1961.

Dr. Potter was born in 1925 in southwestern Ohio and grew up in and around the city of Cincinnati. He attended the University of Cincinnati from 1943 to 1945 and then spent two years in the Armed Forces. The years 1946 to 1952 were spent at the University of Chicago where he obtained his PhD degree in 1952.

At the Illinois Survey, Paul was research assistant to Dr. M. M. Leighton in Pleistocene geology and later became associate geologist in the coal section. Research was carried on in the fields of sedimentation, sedimentary petrology, and subsurface stratigraphy, involving mostly Pennsylvanian and Mississippian rocks. In cooperation with Dr. F. J. Pettijohn, he published the two recent books, "Paleocurrents and Basin Analysis" and "Atlas and Glossary of Primary Sedimentary Structures". In addition, Paul was a Senior Post Doctoral Fellow in NSF at the University of Illinois (1957-58) and a Guggenheim Fellow at Johns Hopkins University from 1961 to 1962. With all this, Paul found time to get a Master's Degree from the University of Illinois while studying statistics. Dr. Potter has acquired a national reputation, and his addition to our faculty will strengthen materially the Departmental offerings in this important field of geology.
NEW FIELD OF GEOLOGY WITH A NEW MEMBER OF THE DEPARTMENT IN CHARGE

Our newest expansion of geological fields is a graduate program in Hydrogeology, which began this year with three doctoral fellowships (three years each) supported by the U. S. Office of Education under terms of the National Defense Education Act. Let our newest faculty member, Professor Allen F. Agnew, who is in charge of this program, speak for himself. (He didn't know this would be published. I requested an auto-biography and this is what I got.)

To: Ralph Esarey

From: Allen F. Agnew

Born in a small town in east-central Illinois, son of a country doctor, saw the light of day in 1918 in Ogden. Did the usual in grade school and high school, ending up valedictorian (small class) at graduation, with letters in track, basketball, and baseball (actually didn't get the letters in track - too slow - or baseball - it wasn't accepted there as a letter sport; let's face it, wasn't good enough).

Spent four years at University of Illinois, getting A.B. in Geology. Not smart enough for a scholarship, so had to work my way through; this wasn't as bad as you think, because I lived at home, 18 miles away and commuted. Worked first for History of Education Prof., then as a Junior the Illinois Survey took pity on me (I stayed with them till 1942, when I got my M.S. at Illinois).

Was research assistant in micropaleo at Illinois Survey, and when they tired of me they transferred me to the Coal Division, where I sat on oil wells in the Illinois Basin, logging coals; also prepared structure maps and stratigraphic cross sections of the Pennsylvanian.

In 1942 joined the USGS to begin their project in the Upper Mississippi Valley lead-zinc district, where several geologists working under me developed a detailed stratigraphic breakdown that enabled us to work out the extremely subtle folds and faults that controlled the ore bodies, and I got the credit. Ranged across the Ordovician outcrop from southeastern Minnesota to south-central Wisconsin, and southward into Iowa and Illinois.

Spent a year and a half at the Iowa Geological Survey, trying to convince them that I knew something about the Ordovician in that state, for the Ground Water Division of the USGS.

Went to Stanford for two years, ending up with the Ph.D., but not until I had substituted for their summer field course a couple of months for the USGS in Death Valley with a newly-wedded wife (mine; I was a newly wed, too).
(Continuation of Agnew auto-biography)

Taught a year at the University of Alabama, showing the usual wide range of competence (?) required of teachers in small departments, by handling micropaleo, structure, engineering, and subsurface.

Back to the USGS and the Wisconsin lead-zinc district to re-activate that project, as the Nation was again warring and needed brass and batteries.

Then, following Horace Greeley again, we wended westward where we were welcomed with warmth within the faculty and the University of South Dakota. After learning much about the state and the people, and learning to admire both, we took refuge in the East (eastern Middle West, that is), leaving the hard-working post of State Geologist for the easy life of a professor at Indiana University.

Along the line acquired a wife, 4 children, several old cars (one by one -- children, too, despite what you have heard of South Dakota because of Aberdeen), too many books and files, and gray hair (less of it, too). Charley horses whenever I play baseball anymore, eye-glasses whenever I read or do other things, and "pre-tendicitis" when asked to do anything around the house.

My Mother still lives at Ogden, 120 miles away (as does one of my sisters and her family), and my wife's parents live at West York, Illinois, 80 miles west of Bloomington, so I have to mind my P's and Q's. This is not hard to do, tho, listening to my wife sing (she's a professional), my kids play the various instruments, while I sit and beam. This activity is very broadening (of beam) for me. And it is enjoyable, too. As I hope this has been for you.
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Fort Collins, Colorado

Raymond Leon Battin 1951
3113 N.W. 65th Street
Oklahoma City, Oklahoma

Roger L. Battin 1951
2908 Harvey Street
Madison, Wisconsin

Charles Noble Beard 1936
Department of Geology
Fresno State College
Fresno, California

George Frank Bechner 1951
215 Deer Avenue
Riverton, Wyoming

Thomas G. Beck 1951
2940 Wardway City
Salt Lake City, Utah

Richard Beckman 1961
Box 758
Elkader, Iowa

Stephen F. Bedwell 1956
4232 Vesta Drive
Wichita, Kansas

Elsie Marie Beikmann 1952
U. S. Geological Survey
Menlo Park, California

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6024 18th Avenue
Kenosha, Wisconsin

David R. Berendsen 1959
555 Florida Avenue
Room 404
Baton Rouge, Louisiana

Edward E. Berg 1962
6861 Washington Boulevard East
Indianapolis, Indiana

Bernard L. Berry 1962
3055 Glenvarry Road
Memphis 8, Tennessee

Hugh Henry Berry 1943
1060 Mills Avenue
Indianapolis 27, Indiana

Dr. Nityananda Bhattacharyya 1960
Oil and Natural Gas Company
19 Rajpur Road
Dhara Dun (U.P.) India

John Bible 1933
6324 Valley Forge
Houston 27, Texas

Col. Charles Wessler Bicking 1935
5291 Telefair Way
Riverside, California

Robert Arthur Bieberman 1950
New Mexico Bureau of Mines
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Mrs. Robert (Doris Franz) Bieberman 1945
601 Fitch Avenue
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Maurice Earl Biggs 1950
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<td>Carlton Cook 1950</td>
<td>18215 Amberlay</td>
<td>South Bend 17, Indiana</td>
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<td>William Cordell</td>
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<td>Horace Noble Coryell 1915</td>
<td>3477 Far Hills Avenue</td>
<td>Dayton 29, Ohio</td>
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<td>Michael T. Cowen 1958</td>
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<td>Janet (Wert) Crampton 1955</td>
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<td>3217 South 23rd East</td>
<td>Salt Lake City 9, Utah</td>
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<td>Kenneth W. Craw, Jr. 1962</td>
<td>765 Westwood Drive Apt. 9-A</td>
<td>Clayton 5, Missouri</td>
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<td>711 North Water Street</td>
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<td>Roger J. Cuffey 1961</td>
<td>Department of Geology</td>
<td>Indiana University</td>
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<td>Robert L. Cullers 1959</td>
<td>319 West Walnut Street</td>
<td>Argos, Indiana</td>
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<td>Lawrence P. Cutner 1958</td>
<td>Madigan General Hospital</td>
<td>Fort Wayne, Indiana</td>
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<td>Walter Jesse Dahmer, Jr. 1950</td>
<td>6011 Cody</td>
<td>Arvada, Colorado</td>
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<td>Charles Gutellus Dailey 1898</td>
<td>410 North Meridian</td>
<td>Indianapolis, Indiana</td>
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<td>Capt. John Evan Davenport 1949</td>
<td>A. F. ROTC Det. #75</td>
<td>University of Wichita</td>
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<td>Daniel R. T. Davis 1954</td>
<td>General Geophysical Co.</td>
<td>New Orleans, Louisiana</td>
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<td>Thomas Albert Davson 1940</td>
<td>Indiana Geological Survey</td>
<td>Indiana University</td>
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<td>Robert Dayson 1962</td>
<td>Department of Conservation</td>
<td>Bloomington, Indiana</td>
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<td>Lyndon L. Dean 1960</td>
<td>Northern Indiana Public Service Co.</td>
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<td>Harold Lutz Deane 1952</td>
<td>1704 Hughes Lane</td>
<td>Bakersfield, California</td>
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<td>Paul R. Deem 1960</td>
<td>732 North 14th Street</td>
<td>Quincy, Illinois</td>
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<td>Wilbur R. Deiters 1952</td>
<td>1515 Second Street</td>
<td>LaPorte, Indiana</td>
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<td>George B. Derner 1958</td>
<td>510 North Franklin</td>
<td>Valparaso, Indiana</td>
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<td>Ronald D. DeRudder 1960</td>
<td>974 Westview Drive</td>
<td>Houston 24, Texas</td>
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<td>Donald C. Devening 1953</td>
<td>Box 954</td>
<td>Jena, Louisiana</td>
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Mrs. Margaret Dian 1938

William G. Dixon 1958
117 North Mill Street
Naperville, Illinois

James Robert Dodd 1957
Department of Geology
Western Reserve University
Cleveland, Ohio

John D. Downen 1958
R. R. 1
Shelburn, Indiana

Paul J. Dubiel 1963
33 Arden Avenue
Buffalo, New York

Henry Mathusalem Debois 1924
R. R. 1 Box 370
Clackamas, Oregon

Joseph N. Dubon 1958
403 West Glen Park
Griffith, Indiana

John A. Dunn 1950
306 Yolanda Lane
Shreveport, Louisiana

Alan L. Dusenschon 1960
1420 N.E. 16th Avenue
Pt. Lauderdale, Florida

David A. Eastman 1960
Box 236
Sharpsville, Indiana

Benjamin Edwards 1956
134 Colebrook Avenue
Jackson, Mississippi

William T. Elberty 1960
Department of Geology and Geography
St. Lawrence University
Canton, New York

Florence Mae Elder 1924
1926 36th Street
Missoula, Montana

Delmer L. Elston 1951
National Lead Company of Ohio
Box 158, Mt. Healthy Station
Cincinnati 31, Ohio

Herman C. Engles 1952
52 East Wabash Street
Frankfort, Indiana

Richard Stoddard English 1943
1206 South 5th Street
Terre Haute, Indiana

Richard Clarkson Erd 1954
702 Josina Avenue
Palo Alto, California

George E. Erickson 1949
U. S. Geological Survey
Foreign Geological Service
Washington 25, D. C.

Wayne Albert Erickson 1952
4613 Hollamale
Wichita Falls, Texas

Ralph Emerson Esarey 1923
Department of Geology
Indiana University
Bloomington, Indiana

Robert Winfred Faith 1949
927 Cherry Street
Mount Carmel, Illinois

Harold C. Fancher 1950
Marengo, Indiana

Bert H. Fell 1954
1702 South High Street
Bloomington, Indiana

Hollis Blair Fender 1939
9227 West Murdock
Wichita 12, Kansas

Dallas Fianst, Jr. 1950
The Texas Company
1501 Canal Street
New Orleans, Louisiana

Marion Moore Fidlar 1942
1040 Vista View Drive
Salt Lake City, Utah

Harvey Fierstein 1944
11740 Wilshire Blvd.
Los Angeles 25, California

Ferol F. Fish, Jr. 1955
455 Magemont Avenue
Palmerston, Pennsylvania
Richard Fitch 1958
1225 Bandera Boulevard
Wichita Falls, Texas

Gordon Forsyth Fix 1935
Humble Oil & Refining Co.
200 South Michigan Ave.
Chicago, Illinois

Philip Fix 1931
3011 Broadway
Boulder, Colorado

William Hamilton Flanagan 1951
Shell Oil Company
P. O. Box 2547
Billings, Montana

David J. Foggatt 1962
Co. A. 318th U.S.-USA Bn.
A.P.O. 66
New York, New York

Granville D. Foley 1954
706 East Walnut
Mason City, Illinois

Robert E. Foster 1961
Whitehall Pike, R. 6
Bloomington, Indiana

Wayne E. Fowler 1955
606 Highland Drive
Houma, Louisiana

James William Frazier 1901
R. R. 2
Alexandria, Indiana

George Richard Freed 1932
The Texas Oil Company
Box 252
New Orleans, Louisiana

Karl W. Prielinghausen 1950
1213 Beaumont Drive
Casper, Wyoming

Arthur J. Fritz 1956
Box 130
R. R. 8
Evansville, Indiana

James J. Frugoni 1958
Seismograph Service Corp. Box 1590
Tulsa, Oklahoma

Tjiang Liong Gan 1961
Institut Teknologi Bandung
Bagian Geologi
Djalan Ganeca 10, Bandung, Indonesia

Maxwell E. Gardner 1958
1211 16th Street
Golden, Colorado

Gary R. Gates 1960
Spindletop Research Inc.
Lexington, Kentucky

Jesse Wendell George 1917
3313 South Meta
Oklahoma City, Oklahoma

Raymond Leon George 1951
ER. 2nd A Bn. Btl.
Fort Bragg, North Carolina

Mrs. Patricia Arkin Gerdsen 1950
4055 John Street
San Diego 6, California

James R. Gibson 1953
150 West Market
#509
Indianapolis 4, Indiana

John W. Gilmore 1958
15 Walnut Street
Melrose 76, Massachusetts

William A. Girdley 1961
Department of Geology
Washington State University
Pullman, Washington

Lowell E. Gladish 1954
R. R. 4
Petersburg, Indiana

Conrad P. Gravenor 1952
Research Council of Alberta
87th Avenue and 114th Street
Edmonton, Alberta, Canada

Don Lee Green 1962
1425 South Elliott Street
Evansville, Indiana

James Wilbur Green 1955
556 Taft Street
Gary, Indiana
Thomas E. Green 1946
3547 Central
Indianapolis, Indiana

Seymour S. Greenberg 1959
Department of Conservation and
Economic Development
Division of Mineral Resources
Box 3667
Charlottesville, Virginia

Frank Cook Greene 1909
Forest Haven Apts.
2038 Forest Avenue
Kansas City 9, Missouri

Gordon Conrad Grender 1952
210 East Hamilton Avenue
Apt. 23
State College, Pennsylvania

Robert Brian Grosjean 1932
Mound Company
20th Floor, Bank of the Southwest Bldg.
Houston, Texas

Rifat Habbab 1929
Jaffa, Palestine

Barry T. Haff 1961
25 Sagamore Road
Bronxville, New York

John William Magey 1947
1114 East Calvert Street
South Bend, Indiana

Elbert L. Hale 1955
631 North Palm
La Habra, California

Daniel E. Hall 1961
R. R. 4
Box 944
Crown Point, Indiana

Robert Alexander Hall 1925
350 Belinda Avenue
Fort Charlotte, Florida

Donald E. Hallinger 1963
Cloverleaf Trailer Court
Roswell, New Mexico

Jacob Phillip Hamilton 1949
Box 466
Natchez, Grace Parkway
Ridgeland, Mississippi

John Lowell Hamilton 1950
403 East Johnson Street
Sullivan, Indiana

Stanley K. Hamilton 1963
Department of Geology
University of Wisconsin
Madison, Wisconsin

William Francis Hanna 1962
Department of Geology
Indiana University
Bloomington, Indiana

John Frederick Hare 1951
Shell Oil Company
Box 2947
Billings, Montana

Hobart Byron Harris 1949
U. S. Geological Survey
Pleasanton, Texas

James Richard Harris 1951
R. R. 1
Bootheville, Indiana

John Rodefer Harris 1940
1914 Amherst
Casper, Wyoming

Jack L. Harrison 1955
Indiana Geological Survey
Indiana University
Bloomington, Indiana

Richard D. Harvey 1960
Illinois State Geological Survey
Natural Resources Bldg.
Urbana, Illinois

Craig B. Hatfield 1961
Department of Geology
Indiana University
Bloomington, Indiana

Mrs. Ruth Rohrer Hays 1931
6837 South Tamiami
Sarasota, Florida

George E. Heep 1939
414 West Thompson Street
Sullivan, Indiana

John Heckard 1963
5123 Hartman Drive
Lawrence, Indiana
Gene William Heien 1962
67½ Cullum Street
Meadville, Pennsylvania

Warren Craig Heisterkamp 1953
Marathon Oil Co.
Box 268
Salt Lake City, Utah

Eric P. Henderson 1953
Geological Survey of Canada
Ottawa, Ontario, Canada

Thomas Malcolm Hendrickson 1949
1009 Richman Ave. Meteric
New Orleans, Louisiana

Gerald Joseph Hennessy 1949
1104 Harrelton Court
Evansville, Indiana

Gary Henry 1958
5th Jamaica Drive
Wichita Falls, Texas

George A. Herr 1955
Victor Chemical Works
Mt. Pleasant, Tennessee

David Hess 1963
Department of Geology
Indiana University
Bloomington, Indiana

Thomas Claon Riestand 1922
2769 South Monroe Street
Denver 10, Colorado

William John Hill 1923
2022 Thayer Avenue
Los Angeles 25, California

Richard W. Hinton 1961
39 West Mitchell
Martinsville, Indiana

Thomas S. Hirschmann 1963
6th Avenue 10-56
Zona 10
Guatemala City, Guatemala, C. A.

Robert Duncan Hite 1951
2306 Old Tulsa Road
Bartlesville, Oklahoma

Albert Thomas Roadley 1925
835 Sheridan Road
Bloomington, Indiana

S. R. Hollenbeke 1950
3101 Peach Street
Mt. Vernon, Illinois

Perry Gregory Holloway 1952
Petroleum Geologist
1009 Beck Building
Shreveport, Louisiana

Joseph Conrad Holm 1925
R. R. 1 Box 86
Walkerton, Indiana

Olin R. Holt 1953
Sinclair Oil Company
300 Fidelity Building
Oklahoma City, Oklahoma

Mrs. Harry (Claudia Miller) Hooker 1933
New Washington, Indiana

Alan S. Horowitz 1957
Marathon Oil Company
Denver Research Center
Box 269
Littleton, Colorado

Harold Walter Horst 1949
9609 Falkirk Street
El Paso 25, Texas

Richard Spease Horton 1949
2620 Kent Drive
Oklahoma City, Oklahoma

Robert Howden 1950
240 Pocatello
Miami Springs, Florida

Andrew John Brehe 1949
Indiana Geological Survey
Indiana University
Bloomington, Indiana

John Warfield Biddle 1934
3357 Rittenhouse Street N.W.
Washington 15, D. C.

Herbert Glen Hudson 1934
612 Manzano Street N.E.
Albuquerque, New Mexico
Kenneth O. Huff 1956  
Box 840  
Williston, North Dakota

Clyde W. Huffman 1955  
606 West Third Street  
Bicknell, Indiana

John H. Hughes 1951  
2215 Sunny View Lane  
Billings, Montana

Mrs. Richard (Wava Line) Hummel 1926  
U. S. Navy 115  
F.P.O. Box 37  
New York, New York

Ernest Paul Hunt 1913  
522 Mayfield Avenue  
Stanford, California

Raymond Samuel Hunt 1925  
4601 Wilshire Drive  
Midland, Texas

Ralph E. Hunter 1957  
2214 Briar Glen Apt. 3  
Houston 27, Texas

Mrs. Stephen (Pauline Harker) Hunter 1925  
215 South Meridian Street  
Portland, Indiana

Harold C. Hutchison 1952  
Indiana Geological Survey  
Indiana University  
Bloomington, Indiana

Richard Louis Hyde 1950

Donald Eugene Hyer 1951  
31 Greenway Dr.  
Clenville, Connecticut

Jack B. Jacks 1960  
6509 Kester Avenue  
Van Nuys, California

Frederick Jackson, Jr. 1950  
Jackson & Wratler Oil Co  
Box 251  
Mt. Carmel, Illinois

Jack R. Jankovich 1953  
2211 Creek Drive  
Gary, Indiana

Jee-Hing Wo 1950

Robert David Jenkins 1957  
Box 299  
Salem, Illinois

William P. Jenkins 1945  
702 Hillcrest Drive, West  
High Point, North Carolina

Frank M. Johnson, Jr. 1952  
Geophysical Supervisor  
Richmond Exploration Company  
Maracaibo, Venezuela

Richard Harold Johnson 1950  
3216 Boltwood  
Muskegon, Michigan

Robert L. Jones 1952  
312 East State Street  
Rawlins, Wyoming

Thomas David Jones 1953  
1215 Francis Drive  
Shreveport, Louisiana

Michael R. Jordan 1962  
1015 East Sycamore Street  
Vincennes, Indiana

William L. Kaschube 1955  
508 Mefford Drive  
Robinson, Illinois

Mrs. William (Harriett Gray) Kaschube 1952  
Same as above

Harold W. Kaska 1952  
Compania Guatemala Calif. de Petroleo  
Aptdo. 1307, Guatemala City  
Guatemala, Central America
Lawrence R. Lebauer 1962
Box 1809
Casper, Wyoming

George G. Leckie 1962
Department of Geology
Indiana University
Bloomington, Indiana

Glen A. Lee 1924
1706 Potter Road
Park Ridge, Illinois

Richard K. Leininger 1957
Indiana Geological Survey
Indiana University
Bloomington, Indiana

Jerry Allen Lemmons 1961
Box 303
Boonville, Indiana

Eugene John Lennart 1951
6117 East Marilyn Road
Indianapolis, Indiana

Charles M. Lindenschmidt 1955
Mobil Oil Co. of Canada
140 1st Avenue West
Swift Current, Saskatchewan, Canada

Grady Adams Loftin, Jr. 1951
333 Cherry Blossom Lane
Gretna, Louisiana

Carl W. Lockhart 1955
R. R. 1
Quincy, Indiana

Harlan D. Logan 1925
363 Mayapple Road
Stanford, Connecticut

Lester Lloyd Logue 1938
12640 Hillcrest
dallas 30, Texas

Robert F. London 1960
32 Fuller Avenue
Swampscott, Massachusetts

Dennis Robert Lucas 1950
4872 Desire Drive
New Orleans 26, Louisiana

Elmer Lawrence Lucas 1924
Box 271 Faculty Exchange
University of Oklahoma
Norman, Oklahoma

Mrs. Vaughn McBride 1932

Kenneth Earl McCain 1962
R. R. 4
Bedford, Indiana

Richard B. McCammon 1959
30 West Choppel Ridge Road
Pittsburgh 18, Pennsylvania

Mrs. Richard B. (Helen M.) McCammon 1959
Same as above

Maurice D. McClain 1955
Box 252
New Orleans 9, Louisiana

Ralph Blackwood McClintock
City Hall
Omaha, Nebraska

John A. McCormick 1956
International Petroleum Co., Ltd.
Talara, Peru, South America

James Cole McCulloch 1928
Humble Oil & Refining Co.
200 South Michigan
Chicago, Illinois

Ralph L. McDonald 1950
1985 Zang Street
Golden, Colorado

Mrs. Eula Davis McEwan 1918
1973 Sewell Street
Lincoln, Nebraska

Preston McGrain 1942
Kentucky Geological Survey
University of Kentucky
Lexington, Kentucky

Jack W. McIntosh 1953
919 Broodmore Drive
Mt. Carmel, Illinois
George T. Moore 1956  
The California Company  
New Orleans, Louisiana

John Irwin Moore 1921  
P. O. Box 3096  
San Angelo, Texas

Mrs. Charles Morris 1925

James B. Mosier 1963  
6801 Monroe Avenue  
Evansville, Indiana

Michael Mound 1963  
California Research Corporation  
LaHabra Laboratory  
Box 446  
LaHabra, California

Raymond Carl Mullen 1931  
7321 Long View Drive  
Richmond 25, Virginia

Donald Joseph Munich 1950  
300 Lynnwood Drive  
Jeffersonville, Indiana

Lt. Carl W. Myers 1956  
1529 Forbes Avenue  
Bunker Hill A.F.B.  
Peru, Indiana

Robert Ray Myers 1942  
Economy, Indiana

Martin Milton Nading 1930  
336 French Avenue  
Fort Wayne, Indiana

John Robert Neel 1952  
1147 Lawrence Avenue  
Indianapolis, Indiana

Jack L. Nelson 1956  
4013 Little John Street  
Corpus Christi, Texas

Warren L. Nelson 1962  
Box 3481  
Lafayette, Louisiana

George M. Nevers 1957  
904 West Wildy  
Roswell, New Mexico

Earle S. Newcomer 1949  
R. R. 1  
Ria Leigh Farms  
Kempton, Pennsylvania

Robert M. Newman 1953  
Mobil Oil Company  
300 North Broadway  
Wichita, Kansas

Marshall Atkinson Newnum 1925  
1019 North Chicago Street  
Pontiac, Illinois

Donald Richard Newsom 1954  
Texaco, Inc.  
Box 486  
Tyler, Texas

Robert S. Nicoll 1963  
Department of Geology  
Indiana University  
Bloomington, Indiana

James K. Niehaus 1950  
2003 Green View Avenue  
Vincennes, Indiana

James A. Noel 1956  
Northwestern State College of Louisiana  
Department of Physical Science  
Natchitoches, Louisiana

William F. Noone 1958  
112 Green Street  
Dunmore, Pennsylvania

Jack B. Northrup 1958  
10911 Rustic Lane  
Anaheim, California

Jimmie Lee Northrup 1960  
1722 South Carlisle  
South Bend, Indiana

Ronald K. Ogle 1959  
1901 N.W. 32nd Street  
Oklahoma City 18, Oklahoma

Franklin Don Olson, Jr. 1958  
Texaco Inc. Bldg. 202, Refining  
Lawrenceville, Illinois
Victor Emanuel Olson, Jr. 1952
5106 Saxon Drive
Houston 24, Texas

Charley Harold Orahood 1912
Kingman, Indiana

John Ewing Organ 1928
301 West Washington Street
Sullivan, Indiana

Larry E. Orr 1960
Department of Geology
Indiana University
Bloomington, Indiana

John Samuel Osborne 1949
1512 North Meridian Street
Indianapolis, Indiana

Leonard B. Otte 1954
R. R. 3
Campbellsville, Kentucky

Mark White Pangborn 1935
4718 Upton Street
Washington 16, D. C.

Henry J. Paparazzo 1952
Lauret Drive
Thomaston, Connecticut

Mrs. William Richard Parient 1928
422 East Main Street
Attica, Indiana

John S. Parker 1961
Exploration Department
Stud Oil Company of California
State Bwy. #39 & Imperial
La Habra, California

Raymond Lawrence Parker 1950
U. S. Geological Survey
Federal Center
Denver, Colorado

Norbert Allen Parker 1936
5448 East 26th Street
Tulsa 14, Oklahoma

Bernard M. Parlock 1960
Northern Indiana Public Service
5265 Rohman Avenue
Hammond, Indiana

Irwin S. Parrish 1960
U. S. Geological Survey TEPCO
Building 21
Denver Federal Center
Denver, Colorado

Robert E. Parsons 1960
3535 University
Dallas, Texas

Charles Foy Passel 1943
Box 9338
Fort Worth, Texas

John Barratt Patton 1954
Chairman, Department of Geology
Indiana University
Bloomington, Indiana

Kenneth Armstrong Payne 1936
640 Wellesley Drive
Houston, Texas

Mrs. Mary Payne 1923
Sun Oil Company
P. O. Box 2431
Corpus Christi, Texas

Howard W. Lee 1959
Indiana Geological Survey
Indiana University
Bloomington, Indiana

Dean Pennington 1950
Oasis Oil Company of Libya
P. O. Box 377
Tripoli, Libya, North Africa

Ronald Dee Perkins 1962
Shell Development Company
3737 Bellaire Blvd.
P. O. Box 481
Houston 1, Texas

Allen O. Perry 1961
Box 673
Rio Piedras, Puerto Rico

Howard W. Peirce 1952
Department of Geology
University of Arizona
Tucson, Arizona

David Phail 1959
16 Clubhouse Avenue
Venice, California
Ranard J. Pickering 1952
381 Anna Avenue
Mountain View, California

Arthur Peter Pinsak 1953
671 Griswold, S.E.
Grand Rapids 6, Michigan

Robert Gordon Pirie 1963
Department of Geology
University of Wisconsin
3203 Downer Avenue
Milwaukee 11, Wisconsin

Lowell Browning Plock 1952
Gulf Oil Corporation
P. O. Box 1269
Jackson, Mississippi

Mrs. Josephine Starr Pond 1931
31 West Grove Street
Lombard, Illinois

James E. Powell 1953
117 8th Avenue
Columbia, Tennessee

Alan Pratt 1961
2321 11th Avenue N.
Billings, Montana

Lt. David Prentiss 1954
813 Davis Street
Elmira, New York

Martin Prinz 1957
Department of Geology
Tufts University
Medford 55, Massachusetts

Paul Dean Proctor 1949
Department of Geology
School of Mines and Metallurgy
Rolla, Missouri

Frank D. Pruett 1959
307 East Pine Street
Midland, Texas

Robert L. Proudfit 1962
16417 Summit Ridge Road
Mishawaka, Indiana

George Puscas 1953
4901 Warren Drive
Evansville, Indiana

Rex Eugene Radar 1932
Box 591
Pan American Building
Tulsa, Oklahoma

Frank Thomas Rago, Jr. 1952
870 Dexter Apt. 306
Denver 20, Colorado

John E. Ramsey 1958
Box 1
Ramsey, Indiana

Helmo Rand 1961
Curso De Geologia
Universidade do Recife
Redife, Pe. Brazil

Horace Ellis Rankin 1928
Box 1335
Midland, Texas

John W. Ransford 1960
615 Locust Street
Mt. Vernon, Indiana

Reevan Dee Rarick 1954
Indiana Geological Survey
Indiana University
Bloomington, Indiana

Paul C. Raymond 1955
705 Alpine
Midland, Texas

James Elmo Reeves 1939
1237 East 29th Place
Tulsa, Oklahoma

John R. Reeves 1923
4320 Sheridan Drive
Williamsville, New York

Vance E. Reeves
Robert G. Reno 1941
Reno Enterprises
1911 South Arlington Avenue
Indianapolis, Indiana

Bert L. Renzetti 1957
Cerro Corporation
Agustinas 12356 Piso
Casilla 13320
Santiago, Chile

Phyllis J. Renzetti 1961
Same as above

Mark Reshkin 1963
Department of Geology
Boardman Hall
University of Maine
Orono, Maine

Frank A. Revetta 1957
Science Department
State University College
Potsdam, New York

Douglas W. Reynolds
3303 Chickasaw Drive
Owensboro, Kentucky

Benjamin H. Richard 1961
Department of Geology
Wittenberg University
Springfield, Ohio

John Riddell 1956
General Crude Oil Co.
Box 2252
Houston, Texas

Samuel L. Riely 1953
Mobil Oil Company
Box 1901
Oil Center Station
Lafayette, Louisiana

Kenton L. Riggs 1959
1927 Beverly Hills Boulevard
Billings, Montana

Carroll Norton Roberts 1949
6471 Central Avenue
Indianapolis, Indiana

Edgar M. Roberts 1954
6031 Indianola Avenue
Indianapolis, Indiana

Daniel R. Rodriguez 1957
1221 Delaware Street
Gary, Indiana

Joaquin Rodriguez 1962
Department of Geology and Geography
Hunter College in the Bronx
Bedford Park Boulevard, West
New York 68, New York

Donald G. Roemermann 1954
77 Westway
Mount Kisco, New York

Benjamin Franklin Rogers 1935
8241 S.W. 54th Avenue
Miami 43, Florida

Henry Glenn Rogers 1941
Geographic Attache
American Embassy
Paris, France

Ronald R. Rogers 1932
1306 Mississippi Avenue
Chickasha, Oklahoma

Alan J. Rommel 1956
2204 Almstead Drive
Falls Church, Virginia

Evertt J. Rommes 1957
35 Princeton Road
Elizabethe, New Jersey

Lawrence F. Rooney 1956
Indiana Geological Survey
Indiana University
Bloomington, Indiana

Mrs. Lawrence (Rosalie Rey) Rooney 1956
935 S. High St.
Bloomington, Indiana

Forrest K. Root 1962
Department of Geology
Indiana University
Bloomington, Indiana
John Kerr Rose 1928  
Suite 601  
1311 "G" Street N.W.  
Washington, D. C.

Theodore W. Ross 1962  
Department of Geology  
Washington State University  
Pullman, Washington

Albert Julius Rudman 1963  
Indiana Geological Survey  
Indiana University  
Bloomington, Indiana

Robert A. Rudman 1956  
7015 Emerson Street  
Morton Grove, Illinois

Gerald B. Rupert 1956  
Missouri School of Mines & Metallurgy  
Rolla, Missouri

Joseph St. Jean, Jr. 1956  
R. R. 2  
Glen Heights  
Chapel Hill, North Carolina

Robert Saenger 1958  
433 "H" Street, S.W.  
Ardmore, Oklahoma

Victor John Salmi 1928  
211 Penn Street  
Valley Terrace  
Morrisville, Pennsylvania

Mrs. Hubert Branson Sanders 1923

Robert Sargent 1953  
6 Parkside Drive  
Suttern, New York

Abdullah Shakir Sayyab 1954  
Directorate General of Oil Affairs  
Baghdad, Iraq

Neil R. Schemehorn 1955  
Northern Indiana Public Service Company  
Fort Wayne, Indiana

Jay Val Schilling 1940  
6261 Bramshaw Road  
Indianapolis, Indiana

Mrs. George Herman Schlemmer 1927  
526 North Lake Street  
Warsaw, Indiana

Dale A. Schultz 1962  
517 Ashland Avenue  
Michigan City, Indiana

Richard L. Schumann 1961  
R. R. 6  
Columbia City, Indiana

Samuel R. Schwartz 1957  
R. R. 2  
Grabill, Indiana

Richard Henry Schweers 1937  
Texaco, Inc.  
Box 425  
Bellaire, Texas

Lilburn Harold Seamon 1927  
1725 33rd Place S.E.  
Washington, D. C.

Robert E. Seidel 1963  
Department of Geology  
Indiana University  
Bloomington, Indiana

Galen N. Shirley 1957  
R. R. 2  
Washington, Indiana

Robert Rakes Shrock 1928  
200 Waltham Street  
Lexington 73, Massachusetts

Mrs. William Belmer Sigmund 1931  
Box 294  
Columbus, Indiana

Paul Freund Simpson 1928  
5951 Indiana Street  
Indianapolis 20, Indiana

Kent Simpson

Robert Lee Sims 1950  
5212 East 20th Street  
Tulsa, Oklahoma

Ernesto Sirvas 1957  
Las Magnolias 2332-Lince  
Lima, Peru, South America
Don Eldon Six 1951
4920 College Avenue
Bakersfield, California

Lawrence H. Skelton 1960
Box 2238
Edwards AFB, California

Bruce B. Smith 1933
R. R. 1
Cassian, Indiana

Howard Smith 1956
Indiana Geological Survey
Indiana University
Bloomington, Indiana

James A. Smith 1955
11161 Orion Avenue
Granada Hills, California

John Millard Smith 1956
828 Ellerwood Circle
Macon, Georgia

John Livingstone Smith 1962
Department of Geology
Indiana University
Bloomington, Indiana

Ned Myron Smith 1962
Department of Engineering Geology
Purdue University
West Lafayette, Indiana

Willis Levi Smith 1939
611 West Second Street
Bloomington, Indiana

Charles Vance Solbrig 1951
12 North Meyer Court
Des Plaines, Illinois

Harold Sorgenfrei 1952
225 Henry Street
Lafayette, Louisiana

Robert B. South 1961
R. R. 4
Bloomington, Indiana

Walter Spangler 1940
Esso Standard (Guatemala) Inc.
5a Avenue 3-17 Zona 9
Guatemala City, Guatemala
Central America

Charles Spencer 1939
Creole Petroleum Corp. Apt. 35
Barcelona, Anzoatequi, Venezuela

M. D. Stallard 1959
218 Lacerem Drive
Jeffersontown, Kentucky

Mrs. Carr Stanger 1928
R. R. 7
Bloomington, Indiana

Lt. (J.G.) W. J. Stangle 1958
U. S. Naval Submarine Base
New London, Connecticut

James T. Stanley 1952
6557 South Clarkson Street
Littleton, Colorado

Charles Lewis Starr 1929
2311 Speechbee Way
Fort Wayne, Indiana

Don C. Steinker 1959
2009 Vine Street
Berkeley 2, California

Robert E. Stewart 1942
Box 205
Halcox Heights
Panama, Canal Zone

Paris Bell Stockdale 1930
Department of Geology and Geography
University of Tennessee
Knoxville, Tennessee

Ralph Eugene Stouder 1927
2707 North Shore Drive
Evansville, Indiana

Robert G. Stouse 1952
1231 West 7th Street
Mt. Carmel, Illinois

Pearl Stout 1923
4740 Malden
Chicago, Illinois

Jack Wendell Stover 1955
20 Lake Shore Drive
Boonville, Indiana
James Taylor Strange 1950
209a 6th Avenue
West Calgary, Alberta, Canada

William Thomas Straw 1960
201 Davis Street
Campbellsville, Kentucky

Arthur Franklin Striker 1926
U. S. Geological Survey
Washington, D. C.

Robert B. Sublette 1950
W. C. McBride, Inc.
301 Court Building
Evansville, Indiana

Dan Martin Sullivan 1958
Indiana Geological Survey
Indiana University
Bloomington, Indiana

William Kelly Summers 1958
1016 Havey Road
Madison 4, Wisconsin

Jack Allen Sunderman 1963
Indiana Geological Survey
Indiana University
Bloomington, Indiana

Richard Amos Surface 1951
13305 LaFtHill Drive
La Mirada, California

Albert Peter Swanson 1924
407 South Vail Avenue
Arlington Heights, Illinois

Ronald Warren Tank 1962
4341 North 19th Street
Milwaukee 9, Wisconsin

Ira Dan Taylor 1952
3004 Harmony
Amarillo, Texas

John Rex Taylor, Jr. 1949
Taylor Trucking & Warehousing Co.
1350 Arlington Street
Cincinnati, Ohio

Lawrence A. Taylor 1963
Delaware Geological Survey
University of Delaware
Newark, Delaware

Stuart Ross Taylor 1954
Department of Geophysics
The Australian National University
Box 4, G.P.O.
Canberra, A.C.T.

Waller Eugene Taylor
5418 Crepe Myrtle Drive
Jackson 6, Mississippi

Steven D. Theodosius 1956
1854 Sherman Street
Denver, Colorado

Mrs. Harriet Maitlen Thomas 1947
2130 Wood Road
Middleton, Wisconsin

Henry Oliver Thomas 1950
47 Johnson's Lane
New City, New York

William Avery Thomas 1924
The Ohio Oil Company
P. O. Box 3128
Houston, Texas

Donald Frederick Thompson 1936
Hq. 1st. Log. Comd.
Fort Hood, Texas

Albert Warrick Thompson 1907
217 East Lee Street
Pensacola, Florida

Donald J. Thompson 1963
1129 North Elmwood
Oak Park, Illinois

William David Thornbury 1936
Department of Geology
Indiana University
Bloomington, Indiana

Howard Lee Tipsword 1938
Mobile Oil Company
Box 3308
Bellaire, Texas

Keith Treadway 1954
2129 North Salpulpa Street
Oklahoma City, Oklahoma
<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Address</th>
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</table>
| Don M. Triplehorn           | 1957 | Sinclair Research, Inc.  
Box 3006, Whittier Station  
Tulsa, Oklahoma             |
| Daniel S. Tudor             | 1955 | 104 West Dormard  
Midland, Texas              |
| Sheldon K. Turner           | 1952 | 95 Boulevard St. Michel  
Paris, France                |
| John Edward Uhl             | 1940 | 609 State Office Building  
Indianapolis, Indiana       |
| John E. Utgaard             | 1963 | 3067 South Buchanan Street  
Arlington 6, Virginia       |
| Lewis A. Van Coutren        | 1962 | P. O. Drawer 1  
Falfurrias, Texas           |
| Kenneth R. Vance            | 1953 | California Company  
Box 2534  
Billings, Montana           |
| William P. Von Osinski      | 1935 | 1902 Harrison  
Amarillo, Texas             |
| David E. VonTress           | 1955 | P. O. Box 601  
Corpus Christi, Texas       |
| Robert C. Voss              | 1951 | 3333 Melbourne Road  
Indianapolis, Indiana       |
| Robert Votaw                | 1962 | Department of Geology  
Indiana University  
Bloomington, Indiana        |
| Courtney Waddell            | 1952 | 3835 Ripplebrook  
Houston, Texas              |
| George Wagner               | 1957 | Arabian-American Oil Company  
505 Park Avenue  
New York, New York          |
| Paul Wagner                 | 1963 | Box 1837  
Standard Oil Company of Texas  
Roswell, New Mexico         |
| James F. Wakeman            | 1956 | 2519 Terry Road  
Jackson, Mississippi        |
| Ronald J. Walton            | 1961 | R. R. 3  
Loogootee, Indiana          |
| Fred R. Wampler             | 1959 | 1705 East 10th Street  
Bloomington, Indiana        |
| Garnet H. Ward              | 1958 | 6730 Schneider Street  
Bemmond, Indiana           |
Box 1076  
Salt Lake City, Utah       |
| Jack R. Warren              | 1955 | Petroleo Brasileiro  
S. A. Ave., Rio Brao 81-18  
Rio de Janeiro, Brazil     |
| Kenneth Montell Waters, Jr. | 1950 | 4724 Mark Twain Drive  
New Orleans 26, Louisiana  |
| William J. Wayne            | 1952 | Indiana Geological Survey  
Indiana University  
Bloomington, Indiana       |
| Mrs. O. E. (Christine Manning) Weber | 1932 | 2662 North Main, Apt. 103  
Dayton, Ohio               |
| Ralph Howard Wedow          | 1950 | 510 "J" Street  
La Porte, Indiana          |
| Elmer L. Wegner             | 1937 | 1949 Linneman  
Glenview, Illinois         |
Jack W. Wells 1955
Apartado Del Este 5373
Caracas, Venezuela
South America

Robert M. Walden 1949
Department of Geology
Montana State University
Missoula, Montana

Joseph F. Whaley 1952
Indiana Geological Survey
Indiana University
Bloomington, Indiana

Barbara D. Wharton 1951

Richard L. White 1957
Chevron Oil Company
9049 Jefferson Hwy.
New Orleans, Louisiana

George I. Whitlatch 1932
Sr. Research Scientist
Industrial Development Branch
Georgia Institute of Technology
680 West Peach Tree Street, N.W.
Atlanta, Georgia

Everest E. Wible 1941
2235 Dogwood Lane
Wichita, Kansas

Charles E. Wier 1955
Indiana Geological Survey
Indiana University
Bloomington, Indiana

Richard E. Wiley 1958
1098 Lunalilo
Honolulu, Hawaii

Frank Hoyt Williams 1942
11139 East Rincon Drive
Whittier, California

Roy E. Williams 1962
University of Illinois
Urbana, Illinois

Wesley Edward Williams 1949
R. R. 2
Greenville, Kentucky

Joe J. Willman 1960
501 South Woodlawn
Bloomington, Indiana

Dan Allen Wilson 1962
3017 N.W. 65th
Oklahoma City, Oklahoma

James C. Wilson, Jr. 1951
1407 Popular Court
Mt. Carmel, Illinois

George Otis Winston 1947
928 Alderson Avenue
Billings, Montana

Wilbur Winter 1959
Cominco Products, Inc.
933 West Third Avenue
Spokane, Washington

Gary Lee Wirey 1956
Princeton, Indiana

Donald E. Wirth 1959
5096 Strathmore Drive
Cincinnati 27, Ohio

J. O. Wood
208 Hillside
Spencer, Indiana

Larry Woodfork 1963
Department of Geology
Indiana University
Bloomington, Indiana

Mrs. C. E. Wolverton 1928
1140 Edgewood Drive
Indianapolis 19, Indiana

Bobby Joe Worthington 1952
2771 East Slavson Avenue
Huntington Park, California

Daniel O. Wright 1956
Chevron Oil Company
Anaheim, California

Richard Dale Wright 1960
305 Lincoln Avenue
Loogootee, Indiana

Teruo Yamamoto 1957
836 University Avenue
Honolulu 14, Hawaii
Paul David Yundt 1949
Little River Drive
Greenville, Kentucky

George J. Yurkas 1956
Gulf Oil Corporation
Box 1150
Midland, Texas