

The Coming Shortage of Geologists

Most geologists are employed to search the earth for useful mineral products. The demand for raw materials is increasing throughout the world in response to industrialization of undeveloped countries and phenomenal population growth. Therefore the demand for geologists should also increase steadily, but the opposite trend has been conspicuous in the United States for four years.

There are several reasons for the drastically sagging demand for graduating geologists, and there will undoubtedly be serious consequences to be faced. Among the reasons for the decline of new jobs in geology, two are obvious. One is the world oversupply of petroleum, which has led to restriction of domestic production. (And it is American oil companies who hire more geologists than any other business in the world.) A second reason for the decline is simple oversupply of geologists, resulting from the post-World War II shortage and the rapid replenishment of the profession through college training, paid for in large part by federal aid to veterans. The temporary glut of geologists became apparent to the oil industry as it entered the prolonged recession following the Suez crisis boom of selling American oil to Europe, and a gloomy picture of the future of geology was presented on every side to college freshmen. Simultaneously Sputnik painted a glowing picture of the future of space exploration, nuclear physics, and electronics.

For four years bright college students have turned away from geology. In 1958 almost no young scientists began their training in geology, therefore in 1962 almost none will graduate with Bachelors degrees. Nor in 1963, 1964, and 1965.

All the while, the demand for geologists with advanced degrees has been reasonably firm, and suddenly it is booming. No University of Texas-trained geologist with the Master's or Ph.D. degree failed to find professional work within a reason-

able length of time, even at the lowest ebb of geologic employment, and by the spring of 1961, every candidate for an advanced geology degree here had several offers of employment in industry, colleges, and government surveys.

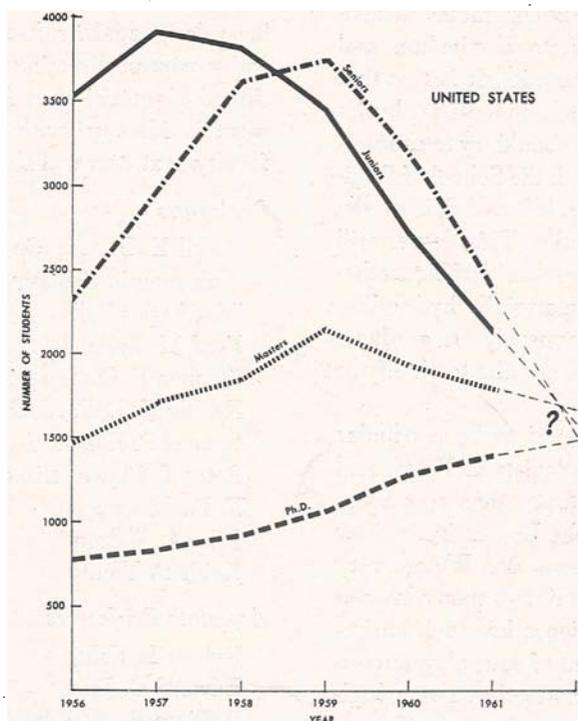
The pendulum has swung too far. As shown dramatically on the accompanying graph from *GeoTimes*, the number of gradu-

ating seniors majoring in geology will soon fall below the number working on either Master's or Doctor's degrees. At UT this situation will be true next fall. Yet only a fraction of the graduating seniors will qualify for graduate school. Beginning next year, there will be a conspicuous national shortage of graduate students in geology, and the number receiving post-graduate degrees will decline for at least 5 to 8 years, simply because it takes that long to train a man from freshman to MA and Ph.D. levels. *We are faced with a declining number of well trained geologists emerging from colleges and universities for nearly a decade.*

And during the next decade a surprising number of American geologists will reach retirement age. Prior to 1930 only a few geologists were trained at Texas, but between 1930 and 1940, nearly 300 graduated here, and before 1971 at least that many UT geologists will retire from industry. During the next 5 years we are not likely to graduate half enough UT geologists to re-

place retiring UT geologists!

The Master's degree is now the minimum training for a geologist entering professional work in many American industries and most government positions. If he is to teach or to compete for foreign employment at a high level, an American geologist should have a Ph.D. degree, because this is the level of new geology graduates from most universities in Western Europe. We hope that, as the demand for geologists now begins to rise, employers will refrain from hiring a man who is in-



Graph showing trends in enrollment of geology-geophysics students at various academic levels in colleges and universities of the United States in the years 1956-61. The trends of 1960-61 are projected as a possible forecast for the 1962 enrollment picture—Reprinted from *GeoTimes*, vol. 5, no. 8, p. 25, 1961.

terested in doing graduate work and qualified for it. Let the student obtain at least a Master's degree before offering him a handsome salary.

The abrupt decline in undergraduate majors in geology has brought hardships in some colleges, both large and small. Teachers have been released for lack of students, and small departments are being eliminated just when their services are apt to be needed again. The decline of enrollment is greatest in oil producing regions, where the temporary oversupply of both oil and petroleum geologists casts a pall over the geologic profession. Mining schools and Northeastern colleges have hardly felt the downward trend.

At The University of Texas we feel lucky and more optimistic than some of our colleagues elsewhere. We now have a comfortable number of undergraduate majors, whereas our classrooms were literally bursting at the seams 4 years ago. Now for the first time we can give adequate personal supervision to individual students and improve our undergraduate teaching. We have revised the undergraduate curriculum and strengthened the requirements in mathematics. It is true that geology is not attracting as many top-notch students as physics and chemistry, and the whole profession should try to counteract this situation. We are cooperating with the School of Engineering in devising a program for a Bachelor of Science degree in Engineering with a geology major. This degree will probably include 36 hours of geology plus considerable mathematics, thermodynamics, strength of materials, hydraulics, and electronics. It will prepare a man superbly for graduate study in geology and at the same time permit him to qualify as a registered engineer.

The freshman geology course continues to be a popular choice as a science elective for non-geologists at Texas, and enrollment was the heaviest last year that it has ever been. Nearly one-tenth of all the students in the University register in an elementary geology course each semester. We are very happy to have this opportunity to acquaint so many laymen with geology in a region where the science has such an important role in discovery and development of natural resources.

Graduate teaching in geology has remained at a very high level at Texas during the decline of undergraduate enrollment, and in many ways the Department is suffering more acutely from lack of space now than ever before. Nearly half of our 80 graduate students are candidates for the Ph.D. degree, and all of them have cramped study and laboratory space *or none at all* in the Geology Building. The geology library stacks have been expanded to relieve overcrowding, but it was done at the expense of a paleontology laboratory. The geology museum in the basement of an adjacent building has also been sacrificed by conversion of the space to laboratory and lecture rooms. But there is still no space in sight for expansion of geochemistry, for modernization of sedimentation laboratories, for an adequate map room, or for initial development of teaching in geophysics, a conspicuously neglected field at Texas.

Let us assure you that the chronic shortage of space and temporary decline of undergraduate students will not deter our faculty in its mission of maintaining at The University of

Texas a center of excellent geologic teaching and research. We will continue to give the best undergraduate training we can devise while seeking to attract to Texas the best graduate students from other schools.

GEOLOGY FACULTY NEWS

A distinguished professor from the University of Washington, J. Hoover Mackin, will join our staff for most of one semester next year to teach a special course in geomorphology and to complete a research manuscript with Earl Ingerson on the Iron Springs district in Utah. Three other outstanding visitors will spend a few weeks giving short courses. These are George Tunnell, University of California at Los Angeles, Simon W. Muller, Stanford University, and Preston E. Cloud, Jr., University of Minnesota and U. S. Geological Survey. Peter T. Flawn, as the new Director of the Bureau of Economic Geology, and Virgil E. Barnes, Geologist for the Bureau, have been designated Professors of Geology, and they will take an active part in directing graduate research. Jim Davis has resigned his position as Assistant Professor to accept employment in Missouri with the New Jersey Zinc Company. The faculty next year will be as follows:

Professors

Virgil E. Barnes, Geologist, Research Scientist, Bureau of Economic Geology
 W. Charles Bell
 Fred M. Bullard
 Stephen E. Clabaugh, Assistant Chairman
 Ronald K. DeFord, Graduate Advisor
 Samuel P. Ellison, Jr., Chairman
 Peter T. Flawn, Director, Bureau of Economic Geology
 F. Earl Ingerson
 John A. Wilson
 Keith P. Young

Associate Professors

Robert L. Folk
 Edward C. Jonas
 William R. Muehlberger

Assistant Professors

Robert E. Boyer
 Ernest L. Lundelius, Jr.
 Earle F. McBride
 William L. McIntire
 Alan J. Scott
 John L. Snyder
 John E. Stone

Special Lecturer (donating his services)

Edgar W. Owen

Visiting Professor (Fall Semester)

J. Hoover Mackin, University of Washington

Special Lecturers for Short Courses

Preston E. Cloud, University of Minnesota (Spring)

Siemon W. Muller, Stanford (Spring)
George Tunnell, University of California, Los Angeles
(Fall)

Faculty Activity



These characters appear every week on the Geology Department TV series on general geology.

Charlie Bell is one of 20 American geology teachers selected to attend the AGI International Field Institute in Great Britain during the summer of 1961. The group will study the type sections of Cambrian, Ordovician, and Silurian rocks in Wales. Field trips will be made into Scotland, northern Ireland, and southern England. Following the institute, Charlie plans to make a personal trip to Scandinavia to visit the classic lower Paleozoic exposures and to verify some of the glowing reports of his colleagues who attended the International Geological Congress there last summer. During the spring of 1961, Charlie held a research assignment from the University Research Institute, which relieved him of regular teaching duties and allowed him to work intensively on Paleozoic biostratigraphic problems. He will resume regular classroom teaching in the fall. Charlie recently lectured as an AGI Visiting Scientist at Duke University, and he was a leading participant in the Symposium on Problems of Teaching Historical Geology at the December meeting of the Texas Academy of Science in Ft. Worth.

Fred Bullard was honored on October 29 by a Geology alumni dinner in Austin and the presentation of a plaque commemorating his 36 years of teaching at The University of Texas. His section of the freshman geology course continues to be one of the most popular classes on the campus, and he also teaches advanced courses in volcanology and the geology of Latin America. Volcanoes are Fred's chief research interest, and he traveled to Berkeley late in January to continue library research at the University of California for his forthcoming

book *Origin and Activity of Volcanoes* now being printed by The University of Texas Press.

Fred was a member of the National Science Foundation panel which met in Denver in October to review summer training programs in science, and he gave a series of lectures in February at the University of South Dakota as an AGI Visiting Scientist. In April, he lectured to the Lafayette Geological Society in Louisiana. Fred is serving as Acting Chairman of the Department of Geology during the summer.

Steve Clabaugh presented a paper at the annual GSA meeting in Denver last fall discussing the origin of a swarm of lamprophyric dikes in West Texas which he and Julius Dasch have been studying. He and Bob Boyer recently published a paper on the Red Mountain gneiss in the Llano uplift, and Steve is currently supervising further mapping of Precambrian rocks in central Texas by graduate students. He continues to serve as Assistant Chairman of the Department and co-editor of the *Newsletter*. Steve is a member of both the Faculty Council and the Graduate Legislative Council of the University, and he was recently appointed to the Membership Committee of GSA. He and Mrs. Clabaugh, who is completing work for the MA degree in geology, have prepared about fifty short geologic articles for the new *Grolier Encyclopedia*.

Ronald DeFord has guided graduate studies in the Department of Geology through the transition from a predominance of Master's degrees to the present strong emphasis on Ph.D. training, and he continues to serve as departmental Graduate Advisor. He presented a paper on the "Place of Foreign Languages in Graduate Study of Geology" at the November meeting of GSA in Denver, and he led a field trip for geology graduate students and faculty into northern Coahuila during the Easter holidays.

Ronald heads a committee working on the new Stratigraphic Code for the United States, Canada, and Mexico to be published soon by the American Commission on Stratigraphic Nomenclature, and he is a member of the group revising the Tectonic Map of the United States, and a member of Membership Advisory Committee of AAPG. He heads the geologic group investigating the Rim Rock country of west Texas with the support of a research grant from NSF. Both Jack Wilson and Page Twiss are participating in the current summer field work, and Ronald will spend part of the summer with them and supervising graduate research in northern Mexico.

Sam Ellison spent almost a month last fall in Arabia where he and three other University of Texas Professors were guests of the Saudi Arabian government and the Arabian American Oil Company. The purpose of their visit was to observe the Saudi Arabian school system so as to advise more effectively the Arabian students attending The University of Texas. The invitation for the visit was extended by Abdullah Tariki, Minister of Education, Mines and Petroleum and distinguished geology alumnus of The University of Texas. More than fifty Saudi Arabian students are currently studying geology and engineering at the University.

Sam served again as a Visiting Scientist to Texas high schools for the Texas Academy of Sciences, and he lectured at

New Mexico State University at Las Cruces as an AGI Visiting Scientist. He was a member of the selection committee for the AGI summer field institute to be held in Great Britain, and he is active in the AAPG Academic-Industrial Relations Committee and Field Conference Committee. In addition to serving as Chairman of the Department of Geology and teaching subsurface geology and freshman historical geology, he was elected Arts and Sciences representative on the faculty committee on selection of a new President for the main University, and he served on the Faculty Council and numerous administrative committees.

During the summer Sam is investigating the stratigraphic distribution of conodonts in the southwestern states with the support of the Humble Oil & Refining Company. His son John won the high school science fair award for the Central Texas District.

Earl Ingerson has been performing a tremendous service to the geological profession by supervising translation of important Russian geologic literature into English. He recently turned over the chairmanship of the very active AGI Translations Committee to Herbert Hawkes, but Earl still heads the subcommittee working on a Russian-English geologic dictionary. Earl is also chairman of the Translations Committee of the American Mineralogical Society, and he is translations Editor of the Geochemical Society which currently has six Russian books and a Russian journal undergoing translation.

Earl lectured in April at Carleton College and the University of Wichita in the AGI Visiting Scientist program, and he was one of a group of scientists invited to the Jet Propulsion Laboratory at Cal Tech to suggest improved instrumentation for Project Surveyor, the moon-landing space project. Early in May, Earl flew to Washington to finish negotiations with the Bureau of Standards for a large solar furnace which he and Virgil Barnes will use in their study of tektites. Earl taught courses in elementary physical geology and geochemistry during the winter, and he will work at Houston with the geochemistry staff of Humble Oil and Refining Company throughout the summer.

Jack Wilson traveled back and forth across the USA and part of Canada on a Distinguished Lecture Tour of the AAPG for six weeks during the early spring months. He spoke before geological societies and university audiences in Calgary and Edmonton and in the following states: Colorado, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Montana, Nebraska, New Jersey, New Mexico, New York, Ohio, Oklahoma, South Dakota, Texas, Utah, Washington, and Wyoming! Most of Jack's 40 lectures were concerned with biostratigraphy of Texas Tertiary sedimentary rocks and with stratigraphic principles. Both Jack and Charlie Bell took an active part in meetings of the Stratigraphic Commission in Denver last November and Jack continues to devote most of his research time to the Vertebrate Paleontology Laboratory. He lectured at the East Texas State College at Commerce in May as an AGI Visiting Scientist. During the summer Jack plans to do field work in West Texas, collecting Oligocene vertebrates in the Rim Rock Country as part of a major study of the region financed by an

NSF research grant.

Keith Young attended the GSA meetings in Denver last fall, and he recently published papers on correlation of Upper Cretaceous formations of the Gulf Coast and (with Charles Schlaudt) on the first fossil acrothoracic barnacles reported from the Western Hemisphere. His monograph on the fauna and paleontology of the Austin Chalk will be published by the Bureau with financial assistance from Mr. George Coates of San Antonio. Mr. Coates has also supported the research of three Ph.D. candidates working under Keith's supervision on Cretaceous stratigraphy of Central and South Texas. Keith continues to catalog the W. S. Adkins collection of ammonites, and he will teach elementary historical geology during the summer.

Ed Jonas writes from New Zealand that cold weather has arrived and that he is happy to give up field work and to begin laboratory research with the New Zealand Geological Survey. His Fulbright Fellowship will soon end, and Ed will bring his family home in time to resume his teaching duties in the fall. He has been investigating New Zealand's clays and hot spring deposits, and he says that he will bring back first hand knowledge of hydrothermal alteration. Ed will be Local Chairman for the National Clay Conference to be held in Austin in October.

Bill Muehlberger is the new chairman of the Visual Education Committee of AGI and his group is actively cataloging geologic films and film strips and initiating a series of films on the geology of our National Parks. Bill's videotape series, Principles of Geology, financed by a grant from the Minnie Stephens Piper Foundation of San Antonio, won the first place award at a national meeting for Education by Radio-television in April at Columbus, Ohio, and the series has been duplicated on kinescope film for wider distribution to other schools.

Bill prepared guidebook material and led a field trip in the Chama Basin for the New Mexico Geological Society last October. In November he attended the annual meeting of GSA and presented a paper on the structure of the Chama region. He also attended meetings of the Texas Academy of Sciences and AAPG and made several trips to the Grand Saline salt dome to guide field trips through the mine in which he has mapped the structure of the salt. His current publications include a paper on jointing and a New Mexico tourist guidebook on the geology of the region between Raton and Clayton which is now in press. Bill has supervised an increasing amount of geophysical research in central Texas by graduate students and he recently obtained an NSF grant for the purchase of a new type of magnetometer. As a result of his interest, a gravity meter was donated to the Geology Department by LaCoste and Romberg and an Askania magnetometer by the Tidewater Oil Company during the last few months. Bill is working for the Ohio Oil Company on the Ouachita fold belt during the summer.

Bob Folk's research and ideas on the origin and classification of sedimentary rocks are gaining wider acclaim each year. The first third of his report on Silurian rocks of West Virginia was published in January, the second part is in press, and the

final section will be completed this summer. Bob presented a paper at the AAPG-SEPM convention in Denver in April and lectured in May at the Carter Oil Company research laboratory in Tulsa. Bob also presented a series of seven lectures as an AGI Visiting Scientist at Bowling Green and Marietta, Ohio. During part of the current summer Bob will take his family with him to Yucatan where he is completing a study of modern carbonate beach deposits at Isla Mujeres. He plans also to begin a comprehensive petrographic and field study of the Tertiary sedimentary rocks of Bastrop County, into which he will incorporate the research of several graduate students.

Although Bob devotes an amazing quantity of energy to his teaching and research, he still finds time for painting modern art and for weekend outings on his "country estate" on Bull Creek.

Bob Boyer was awarded a research assignment for the fall semester, which allowed him to complete the manuscripts for six scientific papers and to begin several new research projects. His major work on the geology of the southern Wet Mountains of Colorado will appear in the Bulletin of GSA. Other papers are concerned with uranium occurrences, fault terminology, aptitude tests for structural geology, and jointing. Bob collaborated with Bill Muehlberger this spring in preparing the chapter on *Structural Geology and Mountain Building* for the AGI *Sourcebook for Geology and Related Sciences*. He presented a paper on fracture patterns in the Llano region at the December meeting of the Texas Academy of Sciences in Fort Worth in December and plans to continue this line of research during the second half of the summer after teaching the senior field course at Marathon. Bob also presented a paper at the May meeting of the Rocky Mountain Section of GSA in Laramie, Wyoming, summarizing the work which he and Harvey King have done on the heavy minerals and origin of the San Isabel Granite in Colorado. Bob attended the annual meetings of GSA and AAPG, and he is chairman of the Membership Committee of the National Association of Geology Teachers and Secretary-Treasurer of the Texas section. He was recently elected Secretary of the local chapter of Sigma Xi, and he will soon take over duties as Editor of the Texas Journal of Science.

Ernest Lundelius is the author of Bulletin No. 1 of the Texas Memorial Museum, a beautifully illustrated report on the Pleistocene long-nosed peccary. He is co-author of a short paper on Cretaceous mosasaurs of Australia, and he is continuing vigorously his research on Texas Pleistocene vertebrates, especially those preserved in cave and terrace deposits. In addition to paleontology courses Ernie taught freshman historical geology and a graduate course in biometrics. During the summer he is working on Brazos River terrace deposits and their fauna under a research grant from NSF.

Earl McBride shares with Bob Folk the important job of teaching classes in sedimentation, and he is especially interested in directional structures of sediments, including ripple marks, cross bedding and scour channels. He presented a graduate seminar in sedimentology and taught one section of elementary geology during the winter and managed the fresh-

man geology laboratory work for the Department. Earl attended the AAPG convention in April, and he is teaching the senior field geology course at Marathon during the first half of the summer. He will spend the second half of the summer working on the Haymond and Dimple formations to determine the conditions under which they were deposited.

The McBrides have a new daughter, their first child, who arrived just a few months ago. Earl was promoted from Instructor to Assistant Professor during the school year.

Bill McIntire taught courses in mineralogy, geochemistry, and thermodynamics during the winter. He and his graduate students worked on the geochemistry of boron and on the distribution of trace elements in co-precipitated minerals. Bill has now assembled laboratory equipment for growing crystals containing radioactive tracers at controlled temperature and pressure, and he is devoting the summer to research on the use of trace element distribution as a geologic thermometer and barometer. Several of Bill's equilibrium diagrams appeared in Garrels' book, *Mineral Equilibria*, published last year. Bill and his wife attended the GSA convention in Denver last fall.

Al Scott will spend the current summer in Illinois working on redefinition of the type Mississippian rocks and their conodont faunas. He has several research papers on related subjects in press and under preparation at present. Al attended the meetings and field trips of the Gulf Coast Association of Geological Societies last fall, and he has been teaching advanced historical geology as well as micropaleontology and paleoecology courses. He heads the busy department committee which awards scholarships, fellowships and teaching assistantships in geology and he has been assisting Ronald DeFord with Graduate student records and advising. During the fall Al will continue his biostratigraphic studies in Illinois while on a research assignment awarded to him by The University of Texas Research Institute.

John Snyder attended meetings of GSA and the Texas Academy of Science last fall, and he has continued to work industriously on a petrology text. John has shown special interest in teaching the elementary physical geology courses, and he was recently awarded a special summer appointment to prepare teaching materials. He is faculty sponsor for Sigma Gamma Epsilon, and he is supervising the research of several graduate students who are mapping the volcanic rocks of the Davis Mountains.

John Stone, our newest faculty member, has moved vigorously into geomorphology and engineering geology instruction. He also taught one section of elementary physical geology, and organized a new graduate course in engineering geology. John attended the GSA convention in Denver last fall and the meetings of the Texas Academy of Sciences in December. He is spending the summer in northeastern Missouri investigating Pleistocene deposits and problematical Pleistocene deformation. His report on the geology of Clark County, Missouri, is nearing completion. John is the proud father of a brand new son, Chris, born in May.

Ed Owen was finally persuaded to become a paid, full-time member of the Geology faculty during the spring of 1961,

after seven years of commuting from San Antonio to teach without pay. He agreed to teach full-time for one semester while Charlie Bell was engaged in research and Jack Wilson was making a lecture tour throughout North America. Ed taught a seminar on Regional Geologic Concepts as well as his favorite subject, History of Geology. Ed received a high honor on June 12 when his alma mater, Denison University, conferred upon him the honorary degree of Doctor of Science. Denison has produced a remarkable number of leading earth scientists; among ex-students to whom Denison has previously awarded the honorary doctorate are geologists Carey Croneis, L. Don Leet, Kirtley Mather, Raymond Moore, and Nelson Sayre and geographer George Cressey.

In March Ed was invited to speak at a symposium on the economics of oil exploration and production at the international research center in Dallas. In April he lectured to the South Texas Geological Society, in May to the Corpus Christi Geological Society, and in August he will speak before the New Orleans Geological Society. Perhaps Ed's most enjoyable recent professional duty was serving as Master of Ceremonies at the Old Timers meeting at the AAPG convention in Denver, a get-together for geologists who joined the Association before 1926.

Jim Underwood taught one lecture section of elementary physical geology during the fall semester, and *Charles Hoskin* taught a section of elementary historical geology during the spring. These men are nearing completion of their Ph.D. degrees, and each held the position of Special Instructor for their temporary teaching assignments.

Geology Faculty Travel and Lectures

University of Texas geology teachers lectured and attended professional meetings at a remarkably large number of places in 1960-61. During one or two weeks last spring the faculty gave more lectures outside the state than at the University! The accompanying map shows localities in the USA at which faculty members lectured, participated in discussion groups, and attended national committee meetings.



In addition, Pete Flawn lectured in Mexico, Jack Wilson in Canada, and Sam Ellison in the Netherlands. Ed Jonas spent the year as a Fulbright Fellow in New Zealand; Virgil Barnes

traveled around the world collecting tektites; and Sam Ellison made a trip to Arabia. Charlie Bell is now on his way to Great Britain and Scandinavia, and Bob Folk is in Yucatan. All of this has taken place in the twelve months since the International Congress met in Denmark with half of the Texas geology staff in attendance.

Almost all of the lectures were made in response to invitations, and most of the travel was paid for by scientific societies and the National Science Foundation. This high degree of participation in national and international scientific activities is both a general symptom of the times and a measure of the growing reputation of the geology faculty at Texas.

THE GEOLOGY FOUNDATION

To record all activities of the Geology Foundation and all donations to it requires more space than the *Newsletter* provides. A summary of major events must suffice. The Advisory Council of the Foundation met in Austin December 12, 1960, and May 16, 1961. Chancellor Ransom met with the group on both occasions to answer questions regarding future space needs of the Department and the Bureau of Economic Geology. We were grieved by the death of Bob Cannon, who had served faithfully on the Council since it was first created. The vacancy has been filled by the appointment of Mr. Sheridan A. Berthiaume, Exploration Manager for Texaco at Houston. The University is honored by the interest of Mr. Berthiaume and his company.

Ed Owen headed a special committee of the Advisory Council which reviewed the financial goals of the Foundation and recommended the following figures as goals for *current annual expenditures* of the Foundation (without reference to the establishment of endowed funds and gifts for special purposes):

Faculty research and study grants	\$20,000.00
Faculty travel	3,500.00
Scholarships and grants to students	15,000.00
Library	6,000.00
Equipment	gifts of special items
Visiting lecturers	1,500.00
Miscellaneous	1,000.00

These figures exceed the current level of Foundation expenditures, but they are the current needs as seen by the Advisory Council.

Contributions to the Geology Foundation during the past year exceeded those in any previous year. To the donors listed below we express the heartfelt appreciation of geology students, teachers, and officials of the University.

Contributors to the Geology Foundation Since June 1960

Mr. and Mrs. David L. Amsbury	Virgil A. Brill
Mr. and Mrs. L. T. Barrow	Gordon D. Burton
Miss Mamie Dell Barrow	Halbert H. Bybee
Thomas D. Barrow	Robert W. Bybee
S. A. Berthiaume	Mrs. Ruth W. Bybee
Richard R. Bloomer	Wilbur C. Bybee
Wayne F. Bowman	R. W. Byram

W. H. Cardwell	G. M. Knebel
J. Ben Carsey	J. K. Larsen
S. E. Clabaugh	R. K. Lattimore
George H. Coates	Chester R. Longwell
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Morgan J. Davis	Mr. and Mrs. Leonard F. McCollum
Morgan J. Davis, Jr.	Edward McFarland
Mr. and Mrs. Ronald K. DeFord	Bill J. McGrew
Mrs. Libby Rice Farish	Jack Maguire
Dorman N. Farmer	Charles Mankin
Mrs. H. G. Friddle	George W. Marshall, Jr.
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Edwin F. Gilbert	Martha Bybee Mills
Joseph L. Gillson	Sidney Moran
Eugene M. Goltz	William R. Muehlberger
Conley R. Goodrum	O. Scott Petty
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Willard R. Green	J. W. Stitt
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J. A. Jackson	John A. Wilson
J. R. Jackson, Jr.	Robert L. Wood, Jr.
W. J. John	C. E. Yager
Jack C. Kern, Jr.	

Industrial Contributors to the Geology Foundation and to Scholarships and Fellowships Since June 1960

Atlantic Refining Company	Monsanto Chemical Company
Continental Oil Company	Pan American Petroleum Foundation
Geochemical Surveys	Schlumberger Foundation
Humble Oil and Refining Company	Shell Oil Company
Independent Exploration Company	Standard Oil Company of Texas
LaCoste and Romberg	Tennessee Gas Foundation
McDermott Foundation	Tidewater Oil Company
Minnie Stephens Piper Foundation	

Donors of Library Books, Air Photos, Electric Logs, and Special Items to the Department of Geology Since June 1960

L. T. Barrow	Samuel P. Ellison, Jr.
W. C. Bell	Ed Hammer
Wayne F. Bowman	L. F. Loftis, Jr.
Hal A. Bybee	Edgar Tobin Aerial Surveys
R. W. Byram	Paul Torrey
S. E. Clabaugh	Charles Vertrees
Mr. and Mrs. Ronald K. DeFord	E. A. Wendlant
East Texas Electric Log Service	West Texas Electric Log Service
Brick Elliot	

One of the able members of our Advisory Council supplied us with the following figures on contributions to the Geology

Foundation by alumni. We don't vouch for the precise accuracy of all the figures, but the general trend is clearly shown.

Classes	Total Geology Contributors		Contributions		
	Alumni	Persons	% of Class	Dollars	% of Total
1896-1925	55	33	60%	\$63,854	72.3%
1926-1939	290	72	25%	14,594	16.5%
1940-1949	656	101	15%	6,621	7.5%
1950-1959	1,251	129	10%	3,278	3.7%
	<u>2,252</u>	<u>335</u>	<u>15%</u>	<u>\$88,349</u>	<u>100.0%</u>

All of the members of the classes of 1903, 1915, 1916, 1918, and 1921 have made contributions.

It is not too surprising that the youngest alumni have made the fewest contributions, percentage-wise. We are proud of all who have taken part, and every dollar has been put to good use.

Farish Chair of Geology

In July 1960, Mrs. Libbie Rice Farish of Houston and New York donated the first of three annual installments of \$100,000 each to the Geology Foundation for the establishment of the William Stamps Farish Chair of Geology at The University of Texas. The designation of the endowment is a tribute to her husband, who was a distinguished industrialist and one of the organizers of the Humble Oil & Refining Company. The Farish Foundation has further agreed to provide \$12,000 annually until the endowment is complete, so that an appointment to the chair can be made immediately. To this amount, the University will add sufficient income to create one of the most desirable teaching positions in the field of geology. It will bring a new professor with real distinction to the Department of Geology.

During the last 10 months the faculty has been examining the qualifications of possible candidates for the William Stamps Farish Chair of Geology. Several outstanding men have agreed to be considered for the position, which will probably be filled by September 1962, when laboratory and office space will be provided by the University administrators.

Mrs. Farish has made a great and lasting contribution to the effectiveness and excellence of the Department of Geology, for which generations of Texas geologists will be grateful.

Heyer Memorial Fund

Slightly more than a year ago Mrs. Jane Gregory Marechal increased the endowment of the George S. Heyer Memorial Fund, established in honor of her former husband, to approximately \$80,000. The annual income from the fund amounts to more than \$3,000, which may be applied toward travel, research, scholarships and other worthy activities supported by the Geology Foundation.

Bybee Memorial Fund

The Hal P. Bybee Memorial Fund has now passed the \$40,000 mark and is growing rapidly as a consequence of the devotion of Dr. Bybee's students and friends. The fund is invested, and its earnings are being added to the principal until the goal of \$100,000 is reached. Ultimately the income will

support travel and other professional activities of the geology faculty.

Simonds and Cuyler Scholarship Funds

The Memorial Scholarship Funds established in honor of Professors Frederick W. Simonds and Robert H. Cuyler have both passed the \$6,000 mark. Earnings from the funds were awarded as small scholarships for the first time in the fall of 1960. Incidentally, one alumnus considered the sums so small that he supplemented both to make them worthy tributes to the former professors whose names they bear.

McCollum Scholarship Fund

The scholarship fund endowed by Mr. and Mrs. L. F. McCollum has yielded sufficient earnings to enable the first award of the scholarship in the spring of 1960.

Graves Scholarship Fund

Leslie Bowling established the Miss Effie Graves Scholarship with an endowment of \$10,000 in honor of a remarkable high school teacher. Income from the fund is sufficient for the scholarship to be awarded for the first time next fall.

Knebel Fund

G. Mose Knebel and his wife, Carolyn established a moderate fund several years ago with their donations to the Geology Foundation. Mose recently added a gift of more than \$4,000 to initiate a program of cataloging basic geological concepts.

Student Loan Fund

The Department of Geology Student Loan Fund was created about a decade ago by faithful alumni who were interested in helping needy students. The fund has now grown to \$6,697, and all but \$119 was on loan on June 1, 1961. The loans earn 3% interest, and in the past, *all of them have been repaid*, although several extensions of time for payment have been granted.

Advisory Council for the Geology Foundation

The success of the Geology Foundation must be attributed in large part to the activities of the men listed below who constitute its Advisory Council. Most of them meet with University personnel in Austin twice a year, and they contribute many other hours to fund-raising and planning for the Geology Department. Chairman of the Council is busy Morgan J. Davis, President of Humble Oil & Refining Company, a geology ex-student of whom we are rightly proud. His loyalty to the University typifies the spirit of the whole Council. We were not surprised to learn from the records that during the 6 months prior to March 1960 75% of the members of the Advisory Council contributed a total of \$18,860 to the Geology Foundation. None of the other Foundations (Law, Engineering, etc.)

of The University of Texas can point to such splendid participation by their advisors.

MORGAN J. DAVIS, Humble Oil & Refining Company, P. O. Box 2180, Houston 1, Texas, Chairman.

L. T. BARROW, 3314 Chevy Chase, Houston 19, Texas.

WAYNE F. BOWMAN, 1713 Esperson Building, Houston, Texas.

GEORGE H. COATES, 1610 Milam Building, San Antonio, Texas.

GUY E. GREEN, 617 South Texas Building, San Antonio, Texas.

J. NALLE GREGORY, San Angelo National Bank Building, San Angelo, Texas.

W. DOW HAMM, Vice President, Atlantic Refining Company, P. O. Box 2819, Dallas, Texas.

JOHN A. KAY, 301 Hamilton Building, Wichita Falls, Texas.

JACK C. KERN, JR., Vice President, Standard Oil Company of Texas, P. O. Box 1249, Houston 1, Texas.

G. MOSES KNEBEL, 30 Rockefeller Plaza, New York 20, New York.

LEONARD F. MCCOLLUM, President, Continental Oil Company, P. O. Box 2197, Houston, Texas.

ED W. OWEN, 532 Milam Building, San Antonio, Texas.

O. SCOTT PETTY, President, Petty Geophysical Company, P. O. Box 2061, San Antonio, Texas.

S. A. THOMPSON, Mobil Oil Company, P. O. Box 900, Dallas, Texas.

CHARLES E. YAGER, President, Southland Royalty Company, 3801 Potomac, Fort Worth, Texas.

SHERIDAN A. BERTHIAUME, Exploration Division, Texaco, Inc., Houston, Texas.



Morgan J. Davis, President of Humble Oil and Refining Company, Houston, Texas. A distinguished University of Texas Alumnus and Chairman of the Advisory Council of the Geology Foundation.

DEATHS

During the past year an unusually great number of deaths of ex-students and associates of the Department of Geology have saddened us. The list includes the following, and there may be others of whom we have received no word:

ROBERT L. CANNON (BA, MA '22)

DRUE D. CHRISTNER

CHARLES EDWIN DAVIS (BA '50)

E. B. HUTSON (BA '24)

HENRY A. JACOBI (BS '51)

MILLARD L. KELLEY (Graduate student)

JOHN T. LONSDALE, Director, Bureau of Economic Geology

LARUE B. MCFARLAND (MA '39)

JUNIUS H. MORRILL (BS '41)

BENJAMIN OLIVER NIXON (BA '42)

ELIAS H. SELLARDS, Director Emeritus, Bureau of Economic Geology

Charles Edwin Davis died following an accident in which a speeding teenager chased by police crashed into the car in which Davis was riding. He was employed by Pan American in Oklahoma City, where the accident occurred. E. B. Hutson was employed by the Carter Division of the Humble Oil & Refining Company in Shreveport, Louisiana. Henry A. Jacobi died when his truck went off the road and turned over at Comodoro Rivadavia, Argentina, where he was working for the Pan American Argentina Oil Company. LaRue B. McFarland died of a heart attack following an illness of about six months duration. Junius H. Morrill died unexpectedly of a heart attack in his home city of Ft. Worth. Benjamin Oliver Nixon was killed in a plane crash near Houston. He was a broker and dealer for Nixon's Mutual Funds in San Antonio.

The death of Millard L. Kelley, graduate student and Teaching Assistant in the Department of Geology, shocked his fellow students and teachers strongly. It happened in a Departmental carryall on the way to a geologic field trip on Friday evening, October 14, 1960. Between Abilene and Cisco, where Kelley and his fellow graduate students were planning to join Baylor students, the carryall skidded in the rain on slick pavement. The car reversed ends and struck a culvert, throwing Kelley from the back seat through the back door of the vehicle, which then rolled on top of him. Witnesses verified that the car was not speeding or being driven carelessly. Several other accidents have been caused by skidding on wet pavement on the same stretch of road. The other occupants of the carryall were hospitalized for minor injuries. Although two thousand geology students have traveled several million miles in Departmental cars, this is the only fatal accident on record. Millard Kelley received his BA degree in 1956 and his MA in 1958 from Texas Christian University. He entered The University of Texas in 1958 and was working on his Ph.D. degree under the supervision of Dr. Bell. He is survived by his wife and by his parents, who live in Ft. Worth.

Memorial to Robert L. Cannon

by CHARLES D. VERTREES



Robert Lee (Bob) Cannon, a charter member of the Geology Foundation Advisory Council and a distinguished University of Texas geology alumnus, died in the Shannon Hospital at San Angelo, Texas on April 23, 1961, after an illness of several months.

He was born August 17, 1899 in Childress County, Texas, in the Tall Community, to Francis Virgil and Annie Ophelia Cannon. He attended Prairie Hill School at Childress and public school at Port O'Connor before moving with his parents to Jacksonville, Texas in 1913. Here he graduated from high school with honors in 1917. In 1918 he started his geological training at The University of Texas. His main interest was in paleontology. In this work he was guided by Professor F. L. Whitney, for whom he developed an abiding admiration. He completed his B. A. and M. A. degrees in four years, receiving both degrees in August 1922.

He first worked with the Mid Kansas Oil and Gas Company as a geologist in San Antonio. In 1923 he joined the Humble Oil & Refining Company. Although he worked under the direction of the Houston office, his work consisted primarily of a study of the Balcones fault trend. Applying his familiarity with the Cretaceous formations and his uncommon sense of orientation, he is credited with finding several oil fields during the short time he was with Humble. Although his success as a company geologist was unquestionable, his desire to go into business for himself soon became overwhelming. In 1924, he resigned, and the partnership of Adams and Cannon was formed. This partnership lasted only a short time. With his brothers, the partnership of Cannon and Cannon was formed in 1925. The business was first established in Dallas, but in

1927 it was moved to San Angelo where it remained until his death.

Soon after the origin of the West Texas Geological Society, Bob became a member. He served as President in 1931. During his life he served in many other important assignments, including District Representative to the AAPG which he had joined in 1923. He presided at the meeting when the San Angelo Geological Society was organized and later served as general chairman of several of its Field Trip Committees. In addition he contributed generously with geological material for publication in the guidebooks. He was also a member of the committee for the organization of the Southwestern Federation of Geological Societies and a member of the Permian Basin Section of the SEPM. In 1955 he became a member of the Advisory Council for The University of Texas Geology Foundation. Bob was very proud of this appointment and worked hard to help the University that had done so much to train him.

Surviving relatives are two brothers, Frank and Joe, of San Angelo and a sister, Mrs. Harriet Cannon Hunt, of Kerrville, Texas.

Memorial to John Tipton Lonsdale

John Tipton Lonsdale died suddenly of a heart attack at his home in Austin, October 5, 1960, at the age of sixty-four. He had been Director of the Bureau of Economic Geology and Professor of Geology at The University of Texas for fifteen years and was working actively until two days before his death. He is survived by his wife, Edna Gertrude Lonsdale, a sister and a brother.

Born at Dale, Iowa, November 8, 1895, John Lonsdale was the oldest son of Eva Mary (Connor) and John Dye Lonsdale. He was awarded the B. A. degree in 1917 and the M. S. degree in 1921 by the University of Iowa. He received the Ph.D. degree in 1924 from the University of Virginia.

His distinguished professional career began in 1921 as Assistant Professor of Geology at the University of Virginia and Geologist for the Virginia Geological Survey. He moved to Norman, Oklahoma, in 1924 to become Assistant Professor of Geology at the University of Oklahoma and geologist for the Oklahoma Geological Survey, and in 1925 he came to The University of Texas as geologist for the Bureau of Economic Geology. In 1928 he became Professor of Geology and Head of the Department of Geology, A. and M. College of Texas. He was the leader in developing a strong geology curriculum at A. and M. College and was chiefly responsible for the planning and design of a new geology building on that campus. While at College Station, he worked also as a geologist for the Missouri Pacific Railroad. From Texas he went to the Iowa State College at Ames where, except for military leave, he stayed from 1935 to 1945 as Professor of Geology and Head of the Department of Geology. He returned to Austin in 1945 to rejoin The University of Texas as Director of the Bureau of Economic Geology and Professor of Geology with graduate rank.

Following service in the United States Army as Lieutenant, from 1917 to 1919, wherein he was cited for bravery, Dr. Lonsdale developed a strong interest in military affairs and was active as a reserve officer between World Wars I and II. He served in the Army again from 1942 to 1945 as Lieutenant Colonel and Colonel and continued his interest in reserve activities subsequently. In recognition of services to his country, his ashes were interred at Arlington National Cemetery.

Dr. Lonsdale was a member of a long list of scientific and honorary societies including Sigma Xi, American Association of Petroleum Geologists, American Institute of Mining, Metallurgical, and Petroleum Engineers, American Geophysical Union, and Society of Economic Paleontologists and Mineralogists. He was a Fellow of the Geological Society of America, the Mineralogical Society of America, and the American Association for the Advancement of Science.

His contributions to geologic research ranged from detailed studies of complex rock and mineral systems to the economic geology of many industrial mineral products. His investigations of the Big Bend National Park were nearly complete at the time of his death, and they will be published as part of the comprehensive report on the geology of the Big Bend Park.

Dr. Lonsdale had a way of developing a strong bond with his students that endured long after they left the classroom. Many of these students have risen to high places in the scientific and business world. Some came hundreds of miles to pay their last respects, and others have written sincere tributes to his influence through the years.

Memorial to Elias Howard Sellards

Elias Howard Sellards, Director Emeritus of the Bureau of Economic Geology, former Director of the Texas Memorial Museum, retired Professor, and distinguished geologist, died at the age of 85 in Austin, February 4, 1961. He is survived by his two daughters, Mrs. H. A. (Helen) Hemphill and Mrs. F. H. (Daphne) McGowan, both of Houston; five grandchildren; eight great-grandchildren; and one brother, E. W. Sellards, Topeka, Kansas. His wife, Mrs. Anna Mary Alford Sellards, preceded him in death in 1952.

Dr. Sellards was born May 2, 1875, at Carter, Kentucky, the son of Wiley W. Sellards and Sarah (Menix) Sellards. The family moved to Kansas by covered wagon while Dr. Sellards was a youth. He attended school both at Carter, Kentucky, and Scranton, Kansas, completing his high-school education at Scranton in 1894. He was a student at Washburn Academy at Topeka, Kansas, and later attended the University of Kansas at Lawrence and was graduated with the B. A. degree in 1899; he received the M.A. degree from that University in 1900. While at the University of Kansas, he was a student of Samuel W. Williston, a renowned teacher of vertebrate paleontology. He continued graduate study from 1901 to 1903 at Yale University, holding both a scholarship and fellowship, and received the Ph.D. degree in 1903. At Yale his work brought him under the influence of three famous teachers. Charles Schuchert, Charles E. Beecher, and H. S. Williams. Charles Schu-

chert became a close personal friend and visited Dr. Sellards many times in his home.

Dr. Sellards began his teaching career as Instructor in Geology and Mineralogy at Rutgers College, New Brunswick, New Jersey, during the 1903-1904 school year. He accepted the Chair of Professor of Geology and Zoology at the University of Florida, at Gainesville, in 1904 and continued in this position until 1907, when he became State Geologist of Florida and moved to Tallahassee. While there he published twelve annual reports, two bulletins, and numerous articles of enduring prominence. During this period he devoted considerable attention to fossil vertebrates, especially early man.

Dr. Sellards moved to Texas in 1918 to accept the position of Geologist on the staff of the Bureau of Economic Geology offered by the late Dr. J. A. Udden, then Director. He was appointed Associate Director of the Bureau in 1925 and succeeded to the directorship in 1932, which position he held until 1945. He was appointed Professor of Geology and a member of the Graduate Faculty at The University of Texas in 1926 and was Director of the Texas Memorial Museum, Austin, from 1938 until retirement in 1957.

During his thirty-nine years of service at The University of Texas, Dr. Sellards attacked geological and paleontological problems with insatiable interest. One of his first assignments, given to him by the Attorney General of Texas, was to determine the original boundary between Oklahoma and Texas along the Red River. He did his work so thoroughly that it became the basis for the ruling by the U. S. Supreme Court.

In spite of endless administrative duties, he wrote and edited extensive reports on the geology and mineral resources of Texas. Among the important contributions are the two-volume compendium on the stratigraphy and structure of Texas, with accompanying geologic and structural maps of the State, and a book on early man in America.

Dr. Sellards was a member of numerous professional organizations and held office in several. He was a charter member of the Paleontological Society and served as Vice-President in 1931 and President in 1942. He was elected a Fellow of The Geological Society of America in 1905 and served as Councilor from 1938 to 1940 and as Vice-President in 1943. He was a Fellow of the American Association for the Advancement of Science and of the Texas Academy of Science (elected Honorary Life Member in 1943). He was a member of the Society of Vertebrate Paleontology, American Association of Petroleum Geologists (an Honorary Member since 1946), Society of Economic Paleontologists and Mineralogists (President in 1938), Society of Economic Geology, Texas Archaeological Society, Society for American Archaeology, Texas Chapter of Sigma Xi (Chapter President in 1925), Texas Philosophical Society, and Southwestern Geological Society (President in 1924, 1931, 1932, 1935, and 1936).

In 1958, the University of Kansas presented the Erasmus Haworth Award for a distinguished alumnus to him at an alumni luncheon in Los Angeles. The University of Florida has established the Sellards Geology Student Award in his honor, because of his basic contributions to geology in that

state. His accomplishments in geology, paleontology, and anthropology are a monument to his scientific work.

HISTORICAL NOTE



Some of you must have fond memories of this famous baseball team on the summer field course in 1950.

ENROLLMENT AND DEGREES

The number of undergraduate students majoring in geology at The University of Texas declined again for the sixth straight year. But there are several indications that this trend has reached its low point. Graduate enrollment dropped back to the 1956-58 level after rising last year, although the number of Ph.D. candidate continued to rise. Elementary geology enrollment stands at an all time high and is expected to go even higher in September when a bigger freshman class enters the University.

The following tabulation shows the number of degrees granted in geology at The University of Texas in recent years:

	1954	1955	1956	1957	1958	1959	1960	1961	Expected in
BA	7	17	15	20	16	7	13	10	
BS	69	52	77	118	118	83	75	43	
MA	18	20	20	30	29	12	14	24	
Ph.D.	1	2	0	2	7	2	1	6	
	95	91	112	170	170	104	103	83	

The actual head count of students who declared their major subject to be geology is recorded below for several years. The number usually declines sharply in the spring semester.

	1955-56		1956-57		1957-58		1958-59		1959-60		1960-61	
	Fall	Spring										
Freshmen	199	114	142	79	102	53	59	26	20	28	18	15
Sophomore	187	154	111	98	103	66	52	33	45	20	21	17
Juniors	171	177	157	130	127	92	94	79	70	30	34	21
Seniors	112	135	191	178	145	133	146	131	85	75	47	47
Graduates	133	115	119	110	82	80	88	92	105	102	83	76
TOTALS	802	695	720	595	559	424	439	361	325	255	203	176

The number of students enrolled in the elementary geology courses has fluctuated as follows:

1949-50: 1120	1955-56: 1400
1950-51: 743	1956-57: 1224
1951-52: 952	1957-58: 1191
1952-53: 1202	1958-59: 1294
1953-54: 1421	1959-60: 1422
1954-55: 1640	1960-61: 1763

SCHOLARSHIPS, FELLOWSHIPS AND AWARDS

The recipients of scholarships and fellowships are as follows:

Shell Oil Company Fellowship:

Augustus S. Cotera, Jr., Ph.D. candidate, 1960-61.

Standard Oil Company of Texas Fellowship:

Martin L. Harvill, M.A. candidate, 1960-61.

Pan American Petroleum Foundation Fellowship:

David E. Dunn, Ph.D. candidate, 1960-61.

Humble Oil & Refining Company Fellowship:

Thomas J. Freeman, Jr., Ph.D. candidate, 1960-61.

Humble Oil & Refining Company Summer Field Scholarship:

George M. Dill, M.A. candidate, 1960.

Frederick Spiegelberg III, M.A. candidate, 1960.

Hogg Scholarships:

Joseph S. Cullinan Scholarship:

Burke Burkhart, Ph.D. candidate, 1960-61.

Harlan H. Roepke, Ph.D. candidate, 1960-61.

Walter B. Sharp Scholarship:

William E. Dunaway, M.A. candidate, 1960-61.

H. H. Weinert Memorial Scholarship for Field Geology:

Elbert A. King, M.A. candidate, 1960.

Monsanto Chemical Company Scholarship:

Robert L. Wershaw, Ph.D. candidate, 1960-61.

Elbert A. King, M.A. candidate, 1960-61.

Minnie Stephens Piper Foundation Scholarship:

Elizabeth A. Jennings, B.A. candidate, 1960-61.

Jereld E. McQueen, B.S. candidate, 1960-61.

Simonds Memorial Scholarship (First time awarded):

Milo Kearney, B.A. candidate, 1960-61.

Cuyler Memorial Scholarship (First time awarded):

Nicholas F. Kuich, M.A. candidate, 1960-61.

Mr. and Mrs. John A. Jackson Scholarship:

Kathryn Giddens, B.A. candidate, 1960-61.

David O. Nilsson, B.S. candidate, 1960-61.

Stephen V. Smith, B.S. candidate, 1960-61.

Mobil Oil Company Scholarship:

Vernon L. Ryan, M.A. candidate, 1960-61.

University Fellowship:

Lael E. Bradshaw, Ph.D. candidate, 1960-61.

James W. Cain, Jr. Memorial Scholarship:

Mrs. Celia Schake, Ph.D. candidate, 1960.

Henry Gayle, M.A. candidate, 1960.

R. V. McGehee, Ph.D. candidate, 1960.

Joachim Meyer, M.A. candidate, 1960.

Thomas D. Reed, B.S. candidate, 1960.

National Science Foundation Faculty Fellowship:

John W. Wood, Ph.D. candidate, 1960-61.

David Johnson Crawford Scholarship (First time awarded):

Larry T. Nierth, B.A. candidate, 1960-61.

National Merit Scholarship:

William A. Akersten, B.S. candidate, 1960-61.

Mr. and Mrs. L. F. McCollum Scholarship in Geology (First time awarded):

Walter Lee Siler, Ph.D. candidate, 1960-61.

George Coates Geology Grants for Graduate Students for 1960:

Clyde H. Moore, Ph.D. candidate.

Jan Winter, Ph.D. candidate.

Kenneth Martin, M.A. candidate.

Delos R. Tucker, Ph.D. candidate.

Geochemical Surveys and McDermott Foundation: Grant for Graduate Student for 1960:

Joel S. Watkins, Ph.D. candidate.

Special Honors in Geology (Honors Program):

Jereld E. McQueen (June 1961).

Jim Bob Moffett (January 1961).

Arthur C. Allen (June 1960).

Tarr Award by Sigma Gamma Epsilon for 1961:

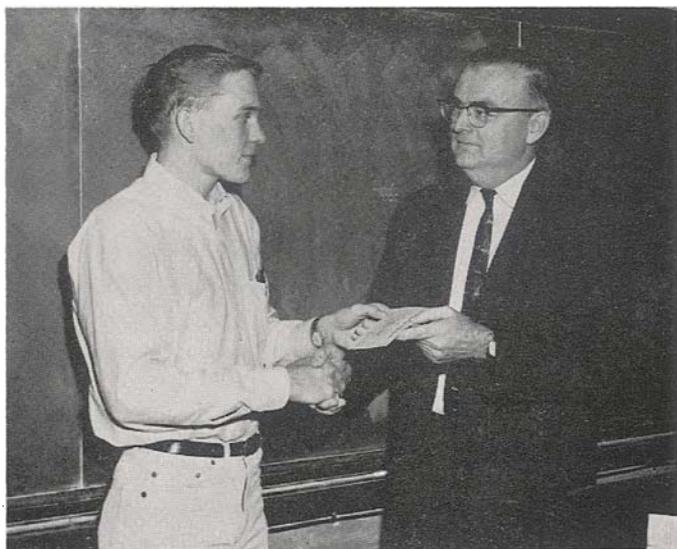
Jereld E. McQueen, B.S. candidate.

The Houston Geological Society Award for Best UT Geology Student, 1961:

Jereld E. McQueen, B.S. candidate.



Walter L. Siler (right), Leaksville, North Carolina, receiving a \$400 scholarship check from Chairman Ellison. Walt is the first recipient of the Mr. & Mrs. L. F. McCollum Scholarship in Geology. He is a Ph.D. candidate doing his research in paleontology under the supervision of Dr. Bell.



Larry T. Nierth (left), Houston, receiving a \$250 scholarship check from Chairman Ellison. Larry is the first recipient of the David Johnson Crawford Scholarship in Geology. He is a senior who expects to graduate in 1962.

GRADUATE DEGREES IN GEOLOGY

The last *Newsletter* listed the names and titles of theses and dissertations of students who received graduate degrees in geology in August 1959 and in January and June 1960. We continue the list this year by giving the totals in parentheses as usual. Nineteen graduate degrees in geology were granted in 1960, 18 of these were Master of Arts degrees and 1 was the Doctor of Philosophy degree.

MASTER OF ARTS, AUGUST 1960 (8)

- ANDERSON, JAY EARL, 1933- , b. Birmingham, Alabama.
B.S. in Geology, Aug. 1957, The University of Texas, Austin.
Geology of the Green Mountain area, Llano County, Texas.
vi + 95 p., appendix with description of 130 thin secs., 2 maps, 3 cross secs., 1 diagram, 5 photos, 18 photomicros.
Supervisor: S. E. Clabaugh.
Location: Central Texas; Llano Uplift; Llano Co.
- BURKART, BURKE, 1933- , b. Dallas, Texas.
B.S. in Geology, Aug. 1954, The University of Texas, Austin.
Thermoluminescence of calcite and aragonite.
vi + 78 p., 5 tables, 6 diagrams.
Supervisor: E. C. Jonas.
Location: South Texas; Central Texas; Trans-Pecos Texas; Laguna Madre; Colorado; Missouri; Chihuahua; Spain.
- CLANTON, UEL S., 1931- , b. Brownwood, Texas.
B.S. in Geology, June 1955, The University of Texas, Austin.
High-temperature x-ray diffraction.
vii + 59 p., 5 diagrams, 1 drawing, 4 photos.
Supervisor: E. C. Jonas.

- JONES, DARRELL KING, 1935- , b. Austin, Texas.
B.S. in Geology, August 1958, The University of Texas, Austin.
Organic and inorganic carbon in the Recent sediments of the open Gulf, barrier island and bay environments, Mustang Island, Texas.
vii + 58 p., 8 tables, 2 maps, 2 cross secs., 4 diagrams, 1 drawing, 5 photos.
Supervisor: L. S. Kornicker.
Location: South Texas; Gulf of Mexico; Nueces Co.; Mustang Island; Padre Island.
- RAGSDALE, JAMES ALLEN, 1935- , b. San Antonio, Texas.
B.A. in Geology, May 1957, The Rice Institute, Houston, Texas.
Petrology of Miocene Oakville Formation, Texas Coastal Plain.
x + 195 p., 5 tables, 1 map, 1 cross sec., 10 diagrams, 3 photos, 26 photomicros. Appendices describing: 21 locations of samples with 11 measured sections; 17 descriptions of thin sections (5 super-detailed); X-ray diffraction analyses of 7 clay-mineral samples.
Supervisor: R. L. Folk.
Location: Upper Gulf Coast; South Texas; Newton Co.; Tyler Co.; Polk Co.; San Jacinto Co.; Washington Co.; Fayette Co.; Lavaca Co.; Gonzales Co.; Karnes Co.; Live Oak Co.; Starr Co.
- SCHLAUDT, CHARLES MCCAMMON, 1937- , b. High Point, North Carolina.
B.A. in Geology, June 1959, The Rice Institute, Houston, Texas.
Temperatures of mineral associations with quartz from liquid inclusions.
42 p., appendix with descriptions of 53 samples, 1 table, 4 diagrams, 5 photos.
Supervisor: F. E. Ingerson.
Location: Alaska, Arizona, Arkansas, California, Southwest New Mexico, Brazil, Germany, Japan, Switzerland, Organ Mts.
- WHITE, REX HARDING, JR., 1932- , b. Houston, Texas.
B.S. in Geology, February 1956, The University of Texas, Austin.
Petrology and depositional pattern in the upper Austin group, Pilot Knob, area, Travis County, Texas.
vi + 133 p., appendix with 8 meas. secs. and 25 descriptions of thin sections, 4 maps, 5 cross secs., 8 col. secs. 10 photos, 18 photomicros.
Supervisor: R. L. Folk.
Location: Central Texas; Travis Co.; Pilot Knob.
- YEAGER, JOHN CONNER, 1931- , Paris, Texas.
B.S. in Industrial Education, June 1952, East Texas State Teachers College, Commerce.
Stratigraphy of southern Sierra Pilares, Municipio de Ojinaga, Chihuahua, Mexico.
ix + 116 p., appendix with 10 meas. secs. and index of thin secs, 20 tables, 5 maps, 3 drawings, 1 corr. ch., 2 col. secs., 6 photos, 1 plate of macrofossils.

Supervisor: R. K. DeFord.

Location: Chihuahua; Municipio de Ojinaga; Sierra Pilaes; Trans-Pecos Texas; Rim Rock Country.

DOCTOR OF PHILOSOPHY, JANUARY 1961 (1)

BALLARD, WILLIAM WAYNE, 1932- , b. El Dorado, Arkansas. B.S. in Geology, January 1955; M.S. in Geology, August 1956; University of Oklahoma, Norman.

Sedimentary petrology of post-Madison-pre-Kootenai rock, north flank of Little Belt Mountains, Montana.

xiii + 379 p.; appendix with 21 meas. secs. and detailed description of 31 thin secs.; 15 tables with records of 40 wells, texture and mineralogy of 49 samples and heavy minerals of 22 samples of sandstone; 16 maps, 3 cross secs., 22 col. secs., 39 diagrams, 31 photomicros.

Supervisor: R. L. Folk.

Location: Montana; Little Belt Mts.

DOCTOR OF PHILOSOPHY, JUNE 1961 (4)

MOORE, CLYDE HERBERT, JR., 1933- , b. Jacksonville, Florida.

B.S. in Geology, February 1955, Louisiana State University, Baton Rouge; M.A. in Geology, June 1959, The University of Texas, Austin.

Stratigraphy of the Fredericksburg Division, south-central Texas.

vii + 91 p., 14 maps, 2 cross secs., 23 col. secs., 1 panel diagram, 11 photomicros.

Supervisor: K. P. Young.

Location: Central Texas; Llano Uplift; Bell Co.; Blanco Co.; Burnet Co.; Comal Co.; Coryell Co.; Hays Co.; Lampasas Co.; Travis Co.; Williamson Co.

POWELL, JAMES DANIEL, 1934- , b. Paducah, Texas.

B.S. in Petroleum Geology, January 1956; M.S. in Geology, January 1958; Texas Technological College, Lubbock.

Stratigraphy of Cenomanian-Turonian (Cretaceous) strata, northeastern Chihuahua and adjacent Texas.

vi + 46 p., summary of systematic paleontology, appendix with 7 meas. secs., 2 maps, 1 cross sec.

Supervisor: K. P. Young.

Location: Northern Mexico; Chihuahua; Chihuahua Tectonic Belt; Sierra de la Cieneguilla; Municipio de Guadalupe Bravos; Trans-Pecos Texas; Quitman Mountains; Diablo Platform; Hudspeth Co.; Jeff Davis Co.

WATKINS, JOEL SMITH, JR., 1932- , b. Poteau, Oklahoma. A.B. in Geology, June 1953, University of North Carolina, Chapel Hill.

Gravity and magnetism of the Ouachita structural belt in central Texas.

vi + 133 p., description of 19 gravity base stations, 8 tables including computer programs, 4 maps, 3 cross secs., 8 diagrams.

Supervisor: W. R. Muehlberger.

Location: Central Texas; East Texas; South Texas; West Texas; Trans-Pecos, Texas; Llano Uplift; Ouachita Tectonic Belt; Marathon Uplift; Bandera Co.; Bastrop Co.; Bell Co.; Bexar Co.; Blanco Co.; Bosque Co.; Brewster Co.; Burnet Co.; Caldwell Co.; Coryell Co.; Edwards

Co.; Falls Co.; Gonzales Co.; Guadalupe Co.; Hays Co.; Hill Co.; Kendall Co.; Kerr Co.; Kinney Co.; Limestone Co.; Medina Co.; McLennan Co.; Milam Co.; Real Co.; Robertson Co.; Travis Co.; Uvalde Co.; Val Verde Co.; Williamson Co.; Zavalla Co.

WINTER, JOHANNES ANTONIUS FRANCISCUS, 1932- , b. Jakarta, Indonesia.

Diploma, Naturwissenschaftler (Ingenieur-Geologe), 17 May 1956, Eidgenössische Technische Hochschule, Zürich, Switzerland.

Fredericksburg and Washita strata (subsurface Lower Cretaceous), southwest Texas.

ix + 135 p., sample logs of 17 wells, stratigraphic interpretation of 306 wells (number per county in parentheses below), 11 maps, 5 cross secs., 1 col. sec., 1 corr. ch., 2 diagrams, 5 panel diagrams.

Supervisor: K. P. Young.

Location: South Texas; San Marcos Platform; Gulf Coast Geosyncline; Balcones Fault System; Luling Fault System; Charlotte Fault System; Pearsall Anticline; Chittim Arch; Atascosa Co. (68); Bexar Co. (34); Dimmitt Co. (12); Frio Co. (40); Lasalle Co. (28); Maverick Co. (12); McMullen Co. (22); Medina Co. (14); Webb Co. (8); Wilson Co. (41); Zavalla Co. (27).

MASTER OF ARTS, JANUARY 1961 (7)

ASBURY, LARRY MARSHALL, 1937- , b. San Angelo, Texas.

B.S. in Geology, January 1959, The University of Texas, Austin.

Geology of the South Carbon Area, Eastland County, Texas.

viii + 119 p., 30 meas. secs., 2 tables, 3 maps, 1 cross sec., 2 col. secs., 13 photos.

Supervisor: S. P. Ellison.

Location: Central Texas; Bend Arch; Eastland Co.

GAYLE, HENRY BOYES, 1931- , b. Taft, Texas.

B.S. in Geology, August 1958, The University of Texas, Austin.

Lead-zinc occurrence and distribution in soil in the vicinity of lead deposits of Central Texas.

vi + 75 p., 2 appendices, 11 maps, 1 col. sec.

Supervisor: J. H. Davis.

Location: Central Texas; Llano Uplift; Blanco Co.; Burnet Co.; Gillespie Co.

HARRIS, WILLIAM HOWARD, 1934- , b. Brooklyn, New York.

B.S. in Geology with Honors, February 1957, Brooklyn College, Brooklyn, N.Y.

Geology of the Post Corners area, Washington and Rensselaer Counties, New York.

xi + 209 p., appendix with 6 descriptions of thin secs., 3 maps, 6 cross secs., 2 photos, 26 photomicros.

Supervisor: W. R. Muehlberger.

Location: New York; Vermont; Taconic Range.

MEYER, JOACHIM DIETRICH, 1935- , b. Berlin, Germany.

B.S. in Geology, August 1958, The University of Texas, Austin.

- Geology of the Ahuachapan area, western El Salvador, Central America.*
viii + 107 p., 5 meas. secs., 4 tables, 9 maps, 3 cross secs., 1 col. sec., 4 diagrams, 1 blk. diag., 17 photos, 3 photomicros.
Supervisor: F. M. Bullard.
Location: Central America; El Salvador.
- RAMSEY, JOHN WILLIAM, JR., 1934- , b. Wichita Falls, Texas.
B.S. in Geology, June 1958, Midwestern University, Wichita Falls, Texas.
Perdiz Conglomerate, Presidio County, Texas.
ix + 88 p., appendix with 8 meas. secs., 2 tables, 5 maps, 4 cross secs., 1 panel diagram, 8 photos.
Supervisor: R. K. DeFord.
Location: Trans-Pecos, Texas; Presidio County.
- RICHEY, CHARLES IRWIN, 1932- , b. Dallas, Texas.
B.S. in Geology, August 1955, The University of Texas, Austin.
Canning Ridge intrusion, Culberson County, Texas.
vii + 81 p., 4 maps, 1 col. sec., 14 photos, 13 photomicros.
Supervisor: S. E. Clabaugh.
Location: Trans-Pecos Texas; Wiley Mts.; Culberson Co.; Jeff Davis Co.
- YAGER, MILAN KING, 1933- , b. Indianapolis, Indiana.
A.B. in Geology, June, 1955, University of Missouri, Columbia.
Pennsylvanian geology of north-central Comanche County, Texas.
xi + 135 p., appendix with list of 35 key outcrops and 12 meas. secs., 4 maps, 2 cross secs., 1 col. sec., 1 diagram, 15 photos.
Supervisor: S. P. Ellison.
Location: Central Texas; Bend Arch; Comanche Co.
- MASTER OF ARTS, June 1961 (11)
- BHATRAKARN, TANAKARN, 1928-, b. Kanchanaburi, Thailand.
B.S. in Mathematics, March 1954, Chulalongkorn University, Bangkok, Thailand.
Correlation of gravity observations with the geology of parts of Burnet, Blanco, and Llano counties, Texas.
vi + 60 p., appendix with gravity data on 460 stations, 3 tables, 3 maps, 1 cross sec., 2 photos.
Supervisor: W. R. Muehlberger.
Location: Central Texas; Llano Uplift; Ouachita Tectonic Belt; Blanco Co.; Burnet Co.; Llano Co.; Travis Co.
- DAVIS, RICHARD ALBERT, JR., 1937- , b. Joliet, Illinois.
B.S. in Geology, June 1959, Beloit College, Beloit, Wis.
Paleoecology of the Hurricane Lentil, Cook Mountain Formation, East Texas.
vii + 79 p., 11 meas. secs. and locations of 14 other exposures, table of macrofossils by counties, table of ecological data for genera, 3 maps, 2 cross secs., 7 diagrams, 6 photos.
Supervisor: A. J. Scott.
Location: East Texas; Upper Gulf Coast; Angelina Co.; Brazos Co.; Houston Co.; Leon Co.; Madison Co.; Robertson Co.; Louisiana; Sabine Parish.
- DILL, GEORGE MEYER, 1931- , b. Plainfield, New Jersey.
B.S. in Geology, May 1955, Southern Methodist University, Dallas.
Structure of northern Sierra de Ventana, Municipio de Ojinaga, Chihuahua, Mexico.
v + 58 p., appendix with translation of map symbols into Spanish, 1 table, 4 maps, 2 cross secs., 1 col. sec., 1 photo.
Supervisor: R. K. DeFord.
Location: Chihuahua; Chihuahua Tectonic Belt; Municipio de Ojinaga; Sierra de Ventana; Trans-Pecos Texas; Rim Rock Country; Diablo Platform.
- HAMILTON, SAMUEL CLINTON, 1931- , b. Birmingham, Alabama.
B.S. in Geology, June 1955, The University of Texas, Austin.
Structure of southern Sierra Pilares, Municipio de Ojinaga, Chihuahua, Mexico.
vi + 85 p., 1 table, 3 maps, 4 cross secs., 1 col. sec., 5 photos.
Supervisor: R. K. DeFord.
Location: Chihuahua; Chihuahua Tectonic Belt; Municipio de Ojinaga; Sierra Pilares; Trans-Pecos Texas; Rim Rock Country; Diablo Platform.
- KIMBERLY, JOHN ELI, 1937- , b. Norwalk, Connecticut.
B.A. in Geology, June 1959, Williams College, Williamstown, Mass.
Sedimentology of the Smithwick formation, Burnet County, Texas.
viii + 95 p., 2 maps, 3 cross secs., 7 diagrams, 20 photos, 6 photomicros.
Supervisor: E. F. McBride.
Location: Central Texas; Llano Uplift; Burnet Co.
- KING, ELBERT AUBREY, JR., 1935- , b. Austin, Texas.
B.S. in Geology, June 1957, The University of Texas, Austin.
Geology of northwestern Gonzales County.
vi + 97 p., appendix with 4 meas. secs. and descriptions 2 thin secs, 4 tables, 1 map, 1 cross sec., 4 diagrams, 8 photos, 4 photomicros.
Supervisor: J. A. Wilson.
Location: South Texas; Gonzales Co.
- ROGERS, JAMES EDWIN, 1929- , b. Waco, Texas.
B.S. in Geology, August 1955, The University of Texas, Austin.
Mineralogy of Oxford serpentine deposit, Llano County, Texas.
vi + 69 p., 1 table, 2 maps, 9 diagrams, 3 photos, 10 photomicros.
Supervisor: S. E. Clabaugh.
Location: Central Texas; Llano Uplift; Llano County.
- SCHWARZBACH, THEODORE JEREMIAH, 1932- , b. Galveston, Texas.

B.S. in Geology, August 1958, The University of Texas, Austin.

Geology of the Beulah area, Pueblo County, Colorado.

86 p., appendix with 3 meas. secs., 3 maps, 3 cross secs., 1 col. sec., 3 diagrams.

Supervisor: R. E. Boyer.

Location: Colorado; Wet Mts.

WARNER, RALPH HARTWIN, 1932- , b. Round Rock, Texas.

B.B.A. in Accounting, June 1954, Texas Lutheran College, Seguin.

Structural geology of Carboniferous rocks near Marble Falls, Burnet County, Texas.

vii + 72 p., 4 maps, 2 diagrams, 11 photos.

Supervisor: W. R. Muehlberger.

Location: Central Texas; Llano Uplift; Ouachita Tectonic Belt; Burnet Co.; Llano Co.; Travis Co.

WORKMAN, CHARLES EDWIN, 1933- , b. Corpus Christi, Texas.

B.S. in Geology, June 1954, Yale University, New Haven, Conn.

Geology of the Sipe Springs area, Comanche County, Texas.

vii + 93 p., appendix with 14 meas. secs., 1 table, 4 maps, 1 cross sec., 2 col. socs., 10 photos.

Supervisor: S. P. Ellison.

Location: Central Texas; Bend Arch; Comanche Co.

YOUASH, YOUNATHAN YOUSIF, 1933- , b. Baghdad, Iraq.

B.Sc. in Geology, June 1958, University of Baghdad, Iraq.

Correlation of gravity observations with the geology of southern Burnet County, Texas.

vi + 110 p., 6 tables, 3 maps, 2 cross secs., 2 diagrams, 1 photo.

Supervisor: W. R. Muehlberger.

Location: Central Texas; Llano Uplift; Burnet Co.

NOTES FROM THE BUREAU OF ECONOMIC GEOLOGY

The Bureau has suffered two great losses since the last Newsletter was issued. Death as the result of a heart attack came suddenly to Dr. John T. Lonsdale, then Director, on last October 5, at his home in Austin. He was 64 years of age. Death came, too, for Dr. E. H. Sellards, age 85, the Director Emeritus of the Bureau since 1945. Dr. Sellards underwent surgery in December and, as a result of complications and the infirmities of age, died on February 4 of this year.

Dr. Lonsdale and Dr. Sellards are sorely missed by their colleagues and many friends throughout the State.

Research Staff Activity

The research staff of the Bureau is as follows:

PETER T. FLAWN, Director

VIRGIL E. BARNES, Research Scientist-Engineer V

ROSS A. MAXWELL, Research Scientist-Engineer V

WILLIAM L. FISHER, Research Scientist-Engineer IV

PHILIP S. MOREY, Research Scientist-Engineer IV

PETER U. RODDA, Research Scientist-Engineer IV

JOHN W. DIETRICH, Research Scientist-Engineer III

DANIEL A. SCHOFIELD, Research Scientist-Engineer III

ROSELLE M. GIRARD, Research Scientist-Engineer II

WILLIAM R. PAYNE, Research Scientist-Engineer II

CADER A. SHELBY, Research Scientist-Engineer I

Peter Flawn, who has been a member of the Bureau research staff since 1949, was appointed Director of the Bureau last December. In addition to his administrative duties, he has completed (together with August Goldstein, Jr., Philip B. King, and Charles E. Weaver) the manuscript of a comprehensive study of the Ouachita system. Pete has had an exceedingly active year. In mid-April, he lectured at San Jose State College, California, and at the University of Nevada on problems of structural geology as part of the AGI Visiting Geoscientist program; in March he addressed the Mexican Association of Petroleum Geologists in Mexico City; he journeyed to Denver twice, first in November to attend the GSA convention, then in April for the AAPG meeting; and during May, he spoke to geological societies in Corpus Christi, Dallas, Midland, and San Antonio.

Virgil Barnes (who is on leave of absence from the Bureau until August 31) and Mrs. Barnes returned to Austin in February after an around-the-world field trip which took them to England, Norway, Denmark, France, Russia, Czechoslovakia, Germany, Italy, Egypt, Saudi Arabia, Pakistan, India, Singapore, Malaya, Australia, Indonesia, Thailand, Cambodia, Vietnam, and the Philippines. This trip was a part of Dr. Barnes' tektite study under a two-year grant from the National Science Foundation. He, together with Dr. Earl Ingerson, is studying the composition and origin of these small, naturally occurring, glassy objects. At the beginning of his journey last summer, he stopped off in Copenhagen to give a paper on tektites at the International Geological Congress. Since his return to this country, he has traveled to Washington twice, once to attend the Cratering Symposium at the Geophysical Laboratory, and once to give a talk at the meeting of the American Geophysical Union. From Washington he went to Denver to attend the April meeting of AAPG.

Ross Maxwell is completing work on a mineral resource survey of thirty-eight counties of south Texas under a grant to the Bureau from the Corpus Christi Chamber of Commerce, and his report is scheduled for publication in 1961. He also is continuing the study of the geology of the Big Bend National Park, on which he and Dr. Lonsdale worked together until Dr. Lonsdale's sudden death last fall. Dr. Maxwell, along with John A. Wilson and Roy T. Hazzard, will complete this manuscript during the coming year. Somehow, Dr. Maxwell finds time for active participation in public-service work. As the Bureau representative to the Board of Science Education of the Texas Academy of Science, he confers with other Board members on science teaching in Texas schools. He also gives talks on geology to science classes in the Austin Public Schools, and he is active in the Boy Scout program.

Bill Fisher has replaced Dr. Leonard F. Brown, who resigned from the Bureau last August 31 to join the faculty of

Baylor University. Mr. Fisher, who will receive his Ph.D. degree from the University of Kansas this summer, is a stratigrapher. He is now making regional studies of Tertiary rocks in the Texas Gulf Coastal Plain, a work that will provide a broad stratigraphic background for future detailed studies of mineral deposits. This spring, Mr. Fisher attended the Denver meeting of AAPG, and last fall he went to the Gulf Coast Association of Geological Societies meeting in Biloxi, Mississippi.

Phil Morey is the supervising geologist of the Bureau's Well Sample Library at Balcones Research Center. This important collection is made up of well cuttings and cores from many areas of the State, and numerous geologists visit the library each year to examine this material. Important acquisitions during the year include samples from shallow test borings in the area of uranium mineralization of Karnes County (donated by the Climax Molybdenum Division of American Metals Climax) and samples from two deep borings: Shell Oil Corporation No. 1 Carroll in DeWitt County (to a total depth of 19,730 feet) and Ginther, Warren, and Ginther, Gulf Oil Corporation, and Michel T. Halbouty No. 1-A O. W. Killam in Webb County (to a depth of 15,066 feet). Mr. Morey is currently working on an up-to-date index of the collection.

Pete Rodda is directing a study of high-calcium limestones and of high-silica sands along the outcrop of Cretaceous Comanchean strata from the Red River in north Texas to the Rio Grande in the southern part of the State. This project will be completed in 1962. Dr. Rodda, who is a paleontologist and stratigrapher, also is studying the Cretaceous Washita sediments in Grayson County and will prepare a report on this area. Pete Rodda and Bill Fisher are preparing a paper on the ontogeny and phylogeny of *Athleta petrosa* Conrad, a common gastropod in the Eocene rocks of the Texas Coastal Plain. Pete Rodda and E. A. King, Jr., are making a study of the occurrence and origin of naturally fused tuffs and tuffaceous sediments in the Jackson group of Texas Coastal Plain. Last fall, Pete led a field trip in Palestine-Crockett area of east Texas, participated in a field trip in Bosque County, and attended the Gulf Coast Association of Geological Societies meeting in Biloxi, Mississippi. This spring, he attended the Denver meeting of AAPG.

John Dietrich is in charge of the correlation of volcanic rocks northwestward from the Big Bend National Park of Brewster County into the Bofecillos Mountains of southern Presidio County. This important basic study will help solve some of the problems of the complex area bordering the Rio Grande. Mr. Dietrich also is continuing his dissertation problem, which involves geologic mapping of the Ocotillo, Presidio, and Ochoa quadrangles of western Presidio County, and will receive his Ph.D. degree from The University of Texas in the coming year. This spring, he attended the northern Coahuila, Mexico, field trip.

Dan Schofield, research chemist, is in charge of analyses and testing at the Bureau's Mineral Technology Laboratory at Balcones Research Center. One of his current projects is beneficiation studies of possible commercial silica sands in Texas; in this connection, he is working with Virgil Barnes on sand

deposits in central Texas. Recently, as a part of the grant from the Corpus Christi Chamber of Commerce, the Laboratory acquired a viscosimeter for the testing of Texas clays, and Mr. Schofield is now using this important new equipment to evaluate Texas bentonites for use in drilling fluids.

Roselle Girard has completed the preliminary draft of a manuscript on Texas rocks and minerals, which will be published next year by the Bureau as the third in the series of popular guidebooks. She is also taking care of the Bureau library. In cooperation with the U.S. Bureau of Mines, she assisted in preparation of the Texas chapter of the 1959 *Minerals Yearbook* and also compiled the current list of Texas mineral producers.

Bill Payne, who joined the Bureau research staff last September 1 on a special one-year assignment, is working on the high-calcium limestone project under direction of Dr. Rodda. Mr. Payne, who holds a Master's degree in geology from Baylor University, has spent a large part of his time in the field while mapping and sampling the Comanchean limestone across Texas. This spring, he attended the northern Coahuila field trip.

Cader Shelby continues to perform important public-relations duties by examining and identifying rock and mineral samples for school children, hobbyists, and others, and by answering inquiries concerning rock and mineral deposits and markets. Mr. Shelby is working on a thesis problem in Lee and Burleson counties.

Other Bureau News

John E. (Brick) Elliot of Austin, retired geologist and manufacturer, has generously presented to the Bureau an extensive collection of geological data covering the area of Bastrop, Lee, Caldwell, Gonzales, and Fayette counties. The Elliot Collection includes well logs, aerial photographs, and geologic maps and constitutes important basic research data for the south-central Texas area. *Mrs. May Defendorf Dasch*, recent graduate of the Department of Geology, is preparing this material for open-file-reference status at the Bureau administrative offices.

James Macon, the Bureau's chief cartographer, reports that the cartographic staff is now able to scribe (prepare negative engravings) directly from aerial photographs. This short-cut method, also used by the U.S. Geological Survey, eliminates much work that formerly was necessary. Mr. Macon has lectured this year to geology students at Baylor University on photogrammetry, photogeology, and map making.

Donald W. Kohls, who will receive his Ph.D. degree from The University of Minnesota, will join the Bureau staff in September 1961. Mr. Kohls will begin studies of non-metallic industrial minerals in Texas.

Status of Publications

Issued since last Newsletter—

Texas Fossils: An Amateur Collector's Handbook, by William H. Matthews III. Guidebook No. 2, 123 pp., 26 figs.,

49 pls., November 1960. A handbook for public-school students and hobbyists, extensively illustrated.

Texas Gemstones, by Elbert A. King, Jr. Report of Investigations No. 42, 42 pp., 20 figs., 6 pls., February 1961. Gem minerals, localities, and technology of gem cutting.

The Mineral Industry of Texas in 1959, by F. F. Netzeband and Roselle M. Girard, Mineral Resource Circular No. 41, 59 pp., December 1960. A preprint from *Minerals Yearbook 1959* of the U.S. Bureau of Mines which includes annual production statistics.

Bureau of Economic Geology Report for 1960. An illustrated report describing the Bureau's activities in 1960 and containing a summary of Texas mineral industry news.

Aspects of the Geology of Texas: A Symposium. The University of Texas Publication No. 6017. Comprises the following chapters: Pennsylvanian Reef Patterns in West-Central Texas, by Frank B. Conselman. A Review of Paleomagnetic Studies of Some Texas Rocks, by Joseph D. Martinez, Edwin H. Statham, and Lynn G. Howell; Deposition and Alteration of the Edwards Limestone, Central Texas, by Henry F. Nelson; Geology of the Texas Panhandle, by John H. Nicholson; Conjectured Middle

Paleozoic History of Central and West Texas, by James Lee Wilson and O. P. Majewske; Paleozoic History of the Fort Stockton-Del Rio Region, West Texas, by Addison Young. 117 pp., 66 figs., 6 pls., September 1960.

In Press—

The Ouachita System, by Peter T. Flawn, August Goldstein, Jr., P. B. King, and Charles E. Weaver. A comprehensive publication on the Ouachita system in Texas, Oklahoma, Arkansas, Mississippi, Alabama, and Mexico.

Manuscripts in various stages of processing—

Mineral Resources of South Texas: Region Served Through the Port of Corpus Christi, by R. A. Maxwell.

Annotated Bibliography and Index of Conodonts, by S. P. Ellison, Jr.

A Stratigraphic Datum, Cisco Group (Upper Pennsylvanian), Brazos and Trinity Valleys, North-Central Texas, by L. F. Brown, Jr.

Texas Rocks and Minerals, by Roselle M. Girard.

Upper Cretaceous Ammonites from the Gulf Coast of the United States, by K. P. Young.

Geology of the Longhorn Cavern, by W. H. Matthews III.

Geology of Eastern Half of Kent Quadrangle, Culberson, Reeves, and Jeff Davis Counties, Texas, by J. P. Brand and R. K. DeFord.

ALUMNI NEWS ITEMS

PRIOR TO 1920

WAYNE F. BOWMAN (EM '15) is very active in voluntary work for The University of Texas Geology Foundation and Engineering Foundation. Wayne has not only contributed his own time and money to these efforts but he has been actively convincing others to do the same. Among recent accomplishments, he procured for the Department of Geology a magnetometer from the Tidewater Oil Company in Houston and a portable seismic outfit from the Independent Exploration Company in Houston. Wayne commutes from Houston to his ranch near Lampasas and often stops to visit at the Department in Austin.

EUGENE HOLMAN (MA '17) has retired from the presidency of the Standard Oil Company of New Jersey and now resides at 60 West 49th Street, New York 20.

PARKER D. TRASK (AB '17) reports being a visiting professor at Stanford University in the spring of 1961. He continues his regular duties as Professor of Geological Engineering at the University of California at Berkeley, California.

1920-1929

JULIAN D. BARNSDALE (1926-28) continues to teach geology at the University of Washington. Dr. Ellison visited with him in Washington, D.C. on February 26th while

both were serving on an AGI committee. Dr. Barksdale attended the University of Texas for two years of undergraduate work but did not get a degree here.

L. T. (SLIM) BARROW (BA '21, MA '23) and Mrs. L. T. BARROW (BA '23) continue their generous support to the Bybee Memorial Fund and the Department of Geology. Slim is a member of the Geology Foundation Advisory Council and he was one of the generous leaders in developing the Geology Department Loan Fund and in urging the Geology faculty to travel more for the sake of their teaching and professional contacts. Slim and Laura attended the October 29th dinner in honor of Dr. Bullard here in Austin.

LESLIE BOWLING (BA '28) reports from his consulting office in New Orleans, Louisiana. We wish to remind the Alumni that Leslie generously endowed the Miss Effie Graves Scholarship in Geology. The first award of this scholarship will be made in 1961. Les also attended the Geology Alumni luncheon at the Atlantic City meeting of the AAPG.

VIRGIL A. BRILL (BA '27, MA '28) continues his work as an independent oil operator in the National Bank of Commerce Building in San Antonio as well as a new office in the Bank of the Southwest Building in Houston. He and his wife reside in San Antonio and have a ranch in Bandera County. He has two married daughters and

five grandchildren living in Houston. He plans his fourth safari to East Africa this summer.

S. O. BURFORD (BA '27, MA '28) continues as a geologist for Humble Oil & Refining Company in Tyler.

R. W. BYRAM (BA '26) is President of the R. W. Byram Company in Austin which will celebrate its 40th anniversary on November 1, 1961.

COL. D. HAROLD BYRD (1921) continues to be very active as owner of various enterprises in Dallas, Texas. He also continues to give to The University of Texas Ex-Student's activities.

J. BEN CARSEY (BA '25) was elected to the Executive Committee of the American Association of Petroleum Geologists. He has recently retired from the Humble Oil & Refining Company in Houston, Texas.

J. B. CHRISTNER (BA '27, MA '29) and Mrs. J. B. (RUBIE VAUGHN) CHRISTNER (BA '29) are farming and ranching in Shamrock. They have three sons; two graduated from Texas A. and M. and one graduated from The University of Texas. The children have all married and are residing in the Panhandle. Mr. and Mrs. Christner also have three grandsons and two granddaughters.

GEORGE H. CLEMENTS (BA '21) continues in the retail drug business in Denton.

CARROLL EDWIN COOK (BA '23, MA '32) and

- MRS. MARION CLARKE COOK (BA '22). Carroll will retire after nearly 30 years of service with the Standard Oil Company of New Jersey in North America, South America, Europe and Asia. He has been in the New York office of Standard Oil Company since 1946. Upon retirement, they will reside at 506 West 22nd in Austin, Texas but will maintain an apartment in New York City. He will engage in consulting work on foreign exploration. Their only son, Carroll Clarke Cook, Jr. is an executive of the Delhi Taylor Company in Dallas.
- MRS. ROBERT H. (ESTHER SOLCHER) CUYLER (BA '27, MA '28, Ph.D. '33), the widow of Dr. Cuyler, former Professor of Geology at The University of Texas, reports that her son, Robert H., now 17, is a senior in the San Antonio High School. He plans to attend the University as a freshman in 1961. All of the alumni will recall that the Geology Foundation is sponsoring a Robert H. Cuyler Memorial Scholarship Fund.
- IRION GRADY DAVIS (BA '29) is Executive Vice-President of Gulf Oil Corporation in Pittsburgh. His daughter, Sara, 18, was graduated from Ellis school in Pittsburgh this June and another daughter, Nancy, 16, is now a junior at Ellis school.
- G. K. EIFLER, JR. (BA '29, MA '30) remains a consulting geologist in Austin. His older son, Kearney will enter UT this fall, and his younger son, Clayton will enter Stephen F. Austin High School.
- MAX EVERSBERG, JR. (BA '29) continues as an independent geologist and oil producer in Albany, Texas.
- E. M. FUNKHOUSER (BA '25) is Division Manager of Exploration for the Pure Oil Company in Calgary, Alberta. Formerly he was Vice-President of Woodley Canadian Oil Company in Calgary.
- JARVIS GARST (BA '29) geologist for H. E. Williams, has moved to 4511 Merrie Lane, Bellaire.
- A. E. GETZENDANDER (BA '24) is an independent geologist in Corpus Christi.
- GUY E. (SQUIRE) GREEN (BA '24, MA '25) has been busy helping the Geology Foundation with solicitation of funds. He reports his whole family healthy, including his wife, Florence Settles, a graduate of UT with a BA in Zoology in '24 and MA in Genetics in '25. His son, Willard, received his Master's degree in Geology in 1955 and his daughter, Louise Green Chapman, graduated in 1956 from UT with a BA in Geology.
- BERTE R. HAIGH (BS '25) is geologist in charge of University Lands in Midland. Berte makes several trips to Austin each year but plans to retire next year.
- W. T. HANCOCK, JR. (MA '29) is Vice-President of Kirby Petroleum Company in Houston.
- PAUL B. HINYARD (BA '28) is now area geologist for Shell Oil Company in Houston.
- JOSEPH HORNERBERGER, JR. (BA '29, MA '32) is a geologist and petroleum engineer with offices at 3260 Sul Ross Avenue in Houston. He has four children; Joe III, 26, has an AB and MA from the University of Houston and is currently in the investment business; Diana, 21, is at the University of Texas; Ronald, 17, and Gary, 13, are attending Kinkaid School.
- MRS. ALICE DOMINQUES JOBES (BA '23) is now living in Kerrville.
- GEORGE MOSES KNEBEL (BA '22) has retired from the Standard Oil Company of New Jersey as reported last year, and recently spent ten weeks as a consultant in exploration for the Humble Oil & Refining Company. He has five grandchildren and he reports his health improved. Mose has continued to give generous financial support to the Geology Foundation.
- MRS. C. H. (FLORENCE GILL) MCCALL (BA '20) continues to live at 773 Shady Drive East, Pittsburgh 28, Pennsylvania.
- F. H. MCGOWAN (BA '28, MA '32) is a Geophysicist for the Humble Oil & Refining Company in Houston.
- DR. MILDRED PICKLE (MRS. TEMPLE B.) MAYHALL (BA '24, MA '26, Ph.D. '39) continues her teaching duties at Stephen F. Austin High School in Austin. She teaches American and Texas History as well as Sociology. Her son, Davis, 19 is a freshman in Electrical Engineering at UT and Bill, 17, is a junior at Austin High School.
- E. A. MURCHISON, JR. (BA '26) continues as Regional Exploration Manager for the Humble Oil & Refining Company in New Orleans. He and his wife have three granddaughters.
- HOWARD E. NESSLEY (BS '25) continues as an independent geologist in San Antonio. He and his wife, Dorothy, attended the Texas party in Denver as well as the Old-Timer's party there.
- FRITH C. OWENS (1918-21) is a consulting geologist in Corpus Christi looking forward to retiring in two more years. He has put eight children through college and still has two children attending school. Mr. and Mrs. Owens also have 14 grandchildren.
- T. F. PETTY (BA '26) is working as a consulting geologist in Wichita Falls.
- EDWARD D. PRESSLER (BA '26) continues as Head of Research and Evaluation Section for Humble Oil & Refining Company in Houston.
- A. KNOX TYSON (BA '23, MA '24) continues as President of Slick Oil Corporation in Houston. His wife is Katherine Archer Tyson (BA '35, MA '36).
- CHARLES D. VERTREES (BA '23) and MRS. ELSIE F. VERTREES (BA '22) report from 1211 West Indiana, Midland where Charles is continuing his work as a consulting geologist, and they are both enjoying life.
- A. P. WENDLER (BA '29, MA '32, Ph.D. '34) is a Staff Geophysicist for Humble Oil & Refining Company in Houston.
- O. C. WHEELER (1916-21) retired at the end of the past year as Vice-President and Director of International Petroleum Company after 39 years of service. Mr. Wheeler attended the first field geology course given at The University of Texas with Dr. H. P. Bybee as teacher in 1917. He later graduated from Stanford University and attended graduate school there. His son, Joe Wheeler, completed his Master's degree at the University of Texas.
- F. WAYNE WILSON (BA '28, MA '31) is a geologist in Houston. He reports he has "cut the working month to 30 days for nine days pay but is keeping healthy, if not wealthy."
- HANS WINKLER (BA '28, MA '29) reports from Roswell, New Mexico, where he is an independent geologist.
- CHARLES E. YAGER (1919-1921), President of Southland Royalty Company of Dallas, is a loyal supporter of the Department of Geology and a member of the Advisory Council of the Geology Foundation.

1930-1939

- ROBERT C. ANDERSON (BS '37) is an independent geologist in Abilene.
- WAYNE ASHMORE (BS '39) reports he is still a partner of Ashmore and Elwell and continues to like West Texas as a place to live and find oil. He continues his membership on the Board of Trustees of Midland Independent School District. He is a loyal alumnus to UT and especially to the Department of Geology and says that he feels the department is doing an outstanding job.
- C. F. BARBER (BA '36) is working as an independent geologist with his office in the Esperson Building in Houston.
- CHESTER F. BARNES (BA '30) remains an independent oil operator in Big Spring.
- JERALD H. BARTLEY (BS '37) keeps busy as Executive Vice-President for Texas American Oil Corporation of Midland, as an independent operator and as a consulting geologist. He has developed a new sideline in a "new automatic drilling time plotter which saves the geologist having to plot drilling time, and he is still looking for more short-cuts." His three children include a daughter, 10, and two sons, ages 12 and 14.
- BRYAN D. BECK, JR. (BS '39) continues his work as an independent petroleum geologist and lease broker in Beaumont. He was recently appointed jury commissioner by Judge Joe J. Fisher.
- DR. CHARLES V. BINTLIFF (BS '38, MD '43) is a physician in Texarkana. He states his only interest in geology at the present time is in "finding a kidney or gall stone!"
- W. E. BIVENS, JR. (BA '38, BS '39, MA '39) reports from San Angelo that he is continuing his work as an independent pro-

- ducer and consultant, and that he is "trying to find a way to eat shut-in gas wells" and claims that "tenderizer doesn't work!"
- BILL L. BLOODWORTH** (BS '39, MA '41) just recently passed the 14 year mark with Geophoto Service, Inc. in Englewood, Colorado, and continues to find his work varied and interesting. Bill and his family have moved to the country and find it quite a change from city living. Their daughter, Gail, graduated from high school this spring.
- MURRAY E. BODY** (BA '32) remains Vice-President of Tidewater Oil Company of Spain located in Madrid, Spain.
- JOHN D. BOON, JR.** (1940) and **MRS. (NANCY BROWN) BOON** (BS '39) reside in Arlington where he is Head of the Department of Geology at Arlington State College. Their son, **John D. III**, is a senior at Rice University majoring in geology, and another son, **Mills**, is a high school senior.
- ROBERT T. BOOTH** (BS '31) is the only Standard of Texas geologist in San Antonio at present and expects to retire in two years. If so, he says he will be available for additional work because he still has three daughters to educate.
- MARTIN N. BROUGHTON** (BA '30, MA '31) remains affiliated with the Texas Company in New York City and reports that his wife and son are doing fine.
- JAMES D. BURKE** (BS '38) continues as a consulting geologist in the Oil Industries Building in Corpus Christi.
- JIM G. CALLIHAN** (BA '32) is construction superintendent and junior partner for M. C. Winters Company in Marble Falls. He reports that they have built a home on the lake but have little time to enjoy it as he and his wife, **Dot**, are both working on jobs over the state. He is building expressways for the Highway Department.
- JOHN F. CAMP, JR.** (BS '39) continues his position in the Camp Oil Company in San Antonio.
- W. H. CARDWELL** (BA '38) is chief geologist for Vaughn Petroleum, Inc. and their allied companies.
- W. KENLEY CLARK** (BS '36) is Division Geologist for the Superior Oil Company whose offices have been moved to the First City National Bank Building in Houston. Their daughter, **Kay** "has grown up to the telephone stage."
- WILLIAM G. CLARKSON, JR.** (BA '37) continues as a consulting geologist in Midland.
- ROBERT P. COOPER** (MA '39) remains a consulting geologist in Alice. He reports that his daughter, **Anne**, took Geology at UT last spring under Dr. Bullard.
- MRS. W. E. (GENEVA RISINGER) COX** (BA '37) continues to reside in Midland and is co-publisher of a monthly magazine about Midland called "*The Midlander*."
- JOHN C. CROWELL** (BS '39) has been enjoying a sabbatical leave, doing research in Europe and California under the auspices of the National Science Foundation. He has completed his term as Chairman of the Department of Geology at the University of California in Los Angeles and plans to return more vigorously to research and teaching. He honored the Department in Austin by paying us a one-day visit in February on his way home from Scotland.
- FLAVY E. DAVIS** (MA '38) continues as Executive Vice-President and General Manager of Rycade Oil and Midhurst Oil Companies in Houston.
- HORACE C. (DAVE) DAVIS** (BA '39) dissolved his partnership with J. J. Honaker in September, 1960 and formed a new corporation, **Davis Drilling, Inc.** with offices at 2009 Lakin, Great Bend, Kansas. He has drilling deals in southeastern Colorado and claims he has found "a little gas so far; no oil yet, but still hopeful."
- MRS. L. L. (JANE ORMOND) DINKINS** (BS '38) quit working as senior draftsman for Sinclair Oil and Gas in July—"just loafing and enjoying life now."
- W. E. DOUGHERTY** (BS '36) is now manager for Humble Oil & Refining Company in the Corpus Christi area.
- W. D. FRAZELL** (MA '35) is Exploration Manager for W. W. F. Oil Company in Lafayette, Louisiana. He states that his "wife and three growing boys make the search for oil rather urgent."
- JAY MILES FROST, III** (MA '38) continues as an independent geologist in Houston.
- E. J. GARDNER** (BS '39, MA '40) has a consulting practice and is an oil producer in Wichita Falls. His oldest son will enroll in the University this fall.
- FRANK J. GARDNER** (BA '36, MA '38, Ph.D. '42) continues as Exploration Editor of The Oil and Gas Journal. He is currently serving on two AAPG Committees (Convention Policy, and Academic-Industrial Relations), plus duties as President of the Tulsa Geological Society.
- P. O. GEDDIE** (BS '38) is an independent oil operator and geologist with offices at 615 Wilson Road in Dallas. He is married and has a daughter and two sons. One of his sons is currently attending The University of Texas.
- ARTURO R. GEYNE** (BA '38) continues as director of Cia Real del Monte y Pachuca, Pachuca, Hidalgo, Mexico.
- FRED S. GOENNER** (BS '37) and **ELIZABETH MERRIT GOENNER** (BS '39) are currently living at 3829 Chevy Chase in Houston. Fred is manager of Southern Exploration Division of the Apache Corporation, a position he has held since June, 1960.
- ROY H. GUESS** (BA '39, MA '40) continues as a geologist for Newman Brothers Drilling Company in San Antonio. Roy has been highly influential as the chief composer of several reports on the need for registration among geologists. In this connection, he has participated in various society committee assignments in bringing knowledge to geologists about the need for registration.
- LOUIS H. HARING, JR.** (BS '38) has offices at 842 Milam Building in San Antonio where he is an independent oil operator.
- TRAVIS O. HARKNESS** (1934-36) is President of the Harkness Exploration Company, Inc. in Dallas. He has three children; one son is now married; one son is a freshman at UT, and a daughter will enter UT in 1962.
- JOHN D. HENDERSON** (BS '37) is a geologist for Texaco, Inc. working in Wichita Falls.
- C. WAYNE HOLCOMB** (BS '37) is Senior Exploration Geologist and Exploration Technical Advisor for Humble Oil & Refining Company in Corpus Christi. He has one daughter, **Sarah**.
- MRS. JOHN A. (RUTH WALDROP) HORD** (BA '39) is presently a housewife. Her husband, **John**, is Exploration Manager in Midland for Gulf Oil Company. They have three children, **Tommy**, 14, **Melinda**, 16, and **Elaine**, 18. Elaine is a freshman at Rice University and winner of a National Merit Scholarship. The family has enjoyed taking trips together, covering most of the United States, Canada, and the Virgin Islands.
- W. CLYDE IKINS** (BS '38, MA '39, Ph.D. '41) is self-employed as an independent geologist in Houston. He states he is still looking for heterogenous blends of hydrocarbons part time and ranching in the Davis Mountains the rest of the time.
- CDR. CARL B. IRWIN, USN** (BS '39) is Head of Materials Development and Applications Branch, Bureau of Ships, Department of Navy, Washington, D.C. His oldest son is a sophomore at UT. He and his family are looking forward to retirement in December and returning to Austin to live.
- FRANK C. KALLINA** (BS '39) remains an independent oil and gas operator in San Antonio. His wife and three children are in good health and keeping busy.
- LT. COL. CLINTON C. KEARNEY** (BA '39) is presently stationed with the 1611th Air Force Base in New Jersey. He plans to retire from the Air Force in two more years and return to Texas at that time. He says he will compete with any classmate for distance traveled but feels Texas is hard to beat.
- GENE ROSS (MRS. JOHN S.) KELLOUGH** (BA '32) reports from Houston where she is a research associate at the University of Houston working under a National Science Foundation grant doing a biostratigraphic and palaeoecologic study of foraminifera of the Upper Midway Group in East Central Texas.
- THOMAS H. LAWRENCE** (BA '32) continues as an engineer for the Research Engineering

- Laboratory of Hughes Tool Company in Houston.
- DAVIS J. LEEDS (BA '39) is a Research Engineer at the University of California in Los Angeles. They now have four children, Alan, Barbara, Craig and a new arrival, Donna. David spent a month in Chile and touring South America following the 1960 earthquake. However, he reports he has traveled more at home giving talks on the earthquake than he did in Chile!
- ERNEST FRED LENERT (BS '36) recently moved from Venezuela where he was working with the Creole Petroleum Corporation to Milibu, California where they are building a new home and greenhouse on two acres of land. He plans to grow orchids and ornamental plants on a small commercial scale in Malibu.
- HELMUT A. LENERT (BS '38) is Division Geologist with Murphy Corporation in Shreveport.
- HARRY C. LOEHR, JR. (BS '39) remains Vice-President of Bullard Drilling Company in Houston.
- LESTER MARSHALL (BS '37) continues his position as production geologist with Gulf Oil Company in Roswell, New Mexico. The Marshalls have been living in Roswell for the past three years. Their twin daughters, Ann and Barbara are now grown young ladies. Barbara is planning to be married this summer to a UT graduate in Business Administration.
- GIDEON C. MAYFIELD (BS '37) is an independent geologist in Golden, Colorado.
- WILLIAM I. MAYFIELD (BS '35) remains Division Manager and Geologist for the Petrex Oil Corporation in Wichita Falls.
- J. H. McCAMMON (BA '36, MA '41) is an independent oil producer in San Angelo. He is married and has one daughter attending Texas and two boys and two girls still at home.
- W. G. McCAMPBELL, JR. (BS '37, MA '40) is District Coordinator for Humble Oil & Refining Company in Roswell, New Mexico.
- AUBREY B. McCOLLUM (MA '32) has now retired from the oil business as an independent operator and consultant. His older son, Randolph, is an instructor in the U. S. Air Force at Denver, Colorado, and his younger son, Donald, is a senior at Yale University. Mrs. McCollum, formerly Mary Elizabeth Clark, is also a graduate of the University.
- DUNCAN McCONNELL (Faculty, 1938-41) is a professor in the College of Dentistry at Ohio State University in Columbus. His younger daughter is now taking Geology at UT. He reports that "one of his magazine articles on guns says that the dinosaur got where he is today by laying eggs and through other forms of ultraspecialization, so he is still using his geology."
- LA RUE B. McFARLAND (MA '39) died November 25, 1960 of a heart attack after being ill for six months. His wife and two grandchildren survive him. His only child, Lena LaRue McFarland Bruener, was killed in a storm on March 31, 1959.
- RALPH H. MCKINLAY (BS '36, MA '41) is a consultant in Dallas. His daughter, Constance, is a sophomore at UT, and his son will enter Texas in September.
- HUBERT E. MENGER (BS '35) is an independent geologist and producer in San Antonio.
- DEAN METTS (BA '32) is a consultant at Three Rivers, Texas.
- MRS. JOHN D. (EVELYN WILIE) MOODY (BA '38, MA '40) reports that their family of five is thoroughly enjoying residing in Sinton, Texas where they have been for the past year. Her husband is Exploration Manager for Plymouth Oil Company, and they will be moving their head office to Houston, so the Moodys are looking forward to living in the big city now. Evelyn has accompanied her husband on several wonderful geological trips to Italy, Guatemala, and Jamaica this year, so she is still able to keep in touch with it.
- WILLIAM W. MOORE (BS '37) is Assistant Division Manager for the Houston Division of Texaco, Inc. He reports his family is still increasing and that they now have six boys and two girls.
- J. B. MOOREHEAD (BS '39, MA '39) continues as an independent geologist in Wichita Falls.
- FRANCES W. MORGAN (BA '39) is a consulting geologist and President of Acme Oil Corporation in Wichita, Kansas. He is married and has a son 13 years old.
- GEORGE A. MUSSELMAN (BA '38, MA '40) continues as an independent oil operator in San Antonio with the fine assistance of Kemp D. Solcher (BS '39). He reports his oil and gas development and production continue to expand and increase, as well as his ranching operations, rice farming, auto business and other diversifications. His seven children are all growing up, with Jo Lynne now a freshman at Texas who took geology under Dr. Bullard and George, Jr. planning to attend UT in the fall of '62.
- JACOB L. PATTON (BA '32, MA '32) is a geologist and oil operator in Tyler. His son, John is a junior at the University of Texas, taking Petroleum Land Management. Jacob was appointed to the Development Board of UT last September. He reports the rest of the family, including his wife, Edith, and daughter, Paula, 10, are in good health and enjoying life.
- JOHN R. PEDICO (BS '35) continues as Associate Professor of Petroleum Engineering at A. and M. College of Texas in College Station.
- JOHN K. PETTY (BS '37, MA '47) continues as a consulting geologist in Farmington, New Mexico. He reports that they miss living in Texas.
- T. A. POLLARD (BA '33) is the Assistant Manager of Research for Southern Mobil Oil Company, Inc. in Dallas.
- AUBREY H. RABENBERG (BS '37) is Chief Geologist for John W. Mecom in Houston. His main areas of interest are the Texas-Louisiana Gulf Coast, South America, especially Colombia, as well as the Middle and Near East (Africa and Asia). His daughter, Gayle, 18, will enter Trinity University this fall and his son, Neale, 14, will enter Lamar High School in Houston. His hobby is swimming.
- ROBERT C. REDFIELD (BS '37, MA '40) is a geologist for the U. S. Bureau of Reclamation in Austin. Their daughter, Sarah Ann is in her first year at UT. Bob lectured on "Geology and Reclamation Work" to the geology graduate students and faculty at the University this spring.
- FRANK REEDY, JR. (MA '39) is a consulting geologist in Dallas.
- ESTUS B. RICH (BA '32) is a consulting geologist. He and his family still reside at 434 Williamson Place in Corpus Christi.
- LLOYD J. RYAN (BS '38) is Vice-President and Exploration Manager of Continental Oil Company of Venezuela at Caracas.
- MACK SAMFORD (BS '39) is Assistant Area Geologist in Tyler for the Humble Oil & Refining Company.
- C. H. SAMPLE (BA '30) continues as a consulting geologist in Houston. His daughter received her BA from The University of Texas in August 1960.
- D. F. (SANDY) SANDIFER (BS '35, MA '35) continues as a consulting petroleum geologist in San Antonio. He reports that he is still struggling to make an honest living in the petroleum industry. He and his wife, Louise have a married daughter, a son in his second year in college, and an 11 year old daughter at home.
- WILTON E. SCOTT (BA '36) continues as Senior Vice-President of the Tenneco Oil Company in Houston. Tenneco is the new name of the production group of Tennessee Gas Transmission Company.
- ROBERT ARNOLD SHELTON (BS '37) is the Chief Geologist for Standard Oil Company in New York. Their daughter, Kay, will enter The University of Texas this fall.
- JOHN PETER SMITH (BA '37) is an Exploration Manager for Esso Standard of Libya, now located at Tripoli, Libya.
- V. ZAY SMITH (BS '39) is President of V. Zay Smith Associates, Inc., which moved into new offices last April at 990 Lincoln Street in Denver. The company also has offices in Calgary.
- KEMP D. SOLCHER (BS '39) continues as geologist for George A. Musselman in the Alamo National Building in San Antonio. He reports they are "still turning up drill-

- ing deals in the Wilcox of DeWitt and adjoining counties, with attention being directed to lower Wilcox and deep Edwards on occasion."
- G. M. STAFFORD (MA '30) continues to do an excellent job of teaching at Baker Junior High School in Austin.
- ROY W. THOMPSON (BA '38) is a geophysicist for the Robert H. Ray Company, Inc. in Midland.
- JOHN D. TUOHY (BS '39) is Geology Department Head with the International Petroleum Company, Ltd. in Talara, Peru. His family includes his wife and two children. He reports that they are still running about six rigs and completing 80 to 100 wells per year. He states that the political situation is quiet at the moment, though the question before the Senate of most interest to them at present is who the property on which they are working actually belongs to!
- WILLIAM VRANA (BA '39) is an independent geologist in Corpus Christi. William was formerly District Exploration Superintendent for Tennessee Gas and Oil Company in Corpus Christi. He became self-employed on June 15, 1960, and is further pursuing the exploration of oil and gas. His family is all fine and they are looking forward to summer and frequent trips to Padre Island.
- WILLIAM R. (BILL) WADDELL (BS '38) is Regional Seismologist for Sun Oil Company in Beaumont. Their daughter, Yvonne, attended UT for one year and is now at Lamar Tech. Their son, Thomas, plans to enter UT in 1963.
- JOE H. E. WARD (BA '38, MA '40) remains an independent oil operator and geologist in Midland. Joe and his wife, Charlotte Masingell Ward (BS '39) and their children Ann, 19; Lynn, 13; and Tom, 6, spent three months last summer in Europe attending the International Geological Congress in Copenhagen. Ann stayed in Paris to attend Sorbonne University. Joe is serving his last year as District Councilman on the UT Ex-Student's Association Executive Committee.
- W. CARLTON WEAVER (BA '32) continues his partnership in Weaver-Sharp Oil Producers at Corpus Christi. His wife, Adelle Howie Weaver, received her BA in '32 from UT. Their daughter, Jan Weaver, received her BA in '57 from the University of Colorado, and their son, Jim, is now 10 years old.
- JAMES A. WEBB (BA '30) remains Chief Geologist for the American Petrofina Company of Texas and is presently living at 3022 Phyllis Lane in Dallas.
- SAM N. WEBB (BA '38, MS '42) is an independent geologist in Houston. In April last year they added a boy to the family, John Allan, and now have a "full house of three queens and two kings." Sam is doing some consulting, however, drilling mostly for his own account.
- LOUIS H. WELTMAN (BS '36) is an independent geologist at Corpus Christi. He has two children, Alan, 15, and Rosalind, 18, who is a freshman at UT.
- MARION WHITNEY (BA '30, MA '31, Ph.D. '37) is presently teaching at Texarkana College in Texarkana. Her father Dr. Francis Whitney, professor emeritus, lives with her in Texarkana.
- CHARLES F. WORD (BS '37) continues as geologist for W. E. Newton in Conroe. He has one daughter in the Drama Department at UT and two other children at home. His activities are confined to salt dome production and shallow Wilcox production in north central Louisiana. Sour Lake, Humble, and Batson salt domes on the Gulf Coast are his chief objects of exploration.
- RAY H. WRICHT (BS '34) continues as manager for Western United States Operations and Geophysical Service, Inc. in Dallas. He says he "still is trying to make an honest dollar."

1940-1944

HERBERT A. BABIONE (BS '40) is District Coordinator as well as District Geologist for Humble Oil & Refining Company in the Amarillo Exploration District. He and his family are enjoying life on El Llano Estacado, "the Utopia of the earth," trying to find Humble's share of gas and oil in the Anadarko Basin. They return for occasional visits to UT to see their daughter, now a sophomore at Texas.

WALTER E. BELT, JR. (BS '43) continues to be Area Landman for Texas Eastern Transmission Corporation at Houston. Walter feels fortunate to be working with Ex-UT geologist, John B. Williams. He says a high point of each year is receiving the Newsletter. He states that his wife, Virginia, at one time worked as student secretary for Dr. Cuyler.

EARL H. BESCHER (BS '40) is Personnel Coordinator for Humble Oil & Refining Company in Houston, and he makes several trips to the University each year. His oldest daughter will enter college this fall.

J. E. (WOODY) BRYANT (BS '43, MA '48) is the Assistant Chief Geologist for Vaughn Petroleum, Inc. (formerly Spartan Drilling Company) having been transferred from Corpus Christi to Dallas last summer. He reports Geneva, Charles, Jimmy, Billy, and David are all fine.

JULIUS A. BUCHANAN (BS '41) is a consulting petroleum geologist in Tyler. He and his wife, Virginia have two children, Paul, 8, and Ann, 5.

ROBERT W. BYBEE (BA '41) continues to be Western Area Exploration Manager for Humble Oil & Refining Company in Mid-

land. He reported that he was due to become a "Grandpa" in May.

JOSEPH P. BYRNE (BS '42) has worked for Baroid Division of National Lead Company since 1946, following his term in military service. He is presently Division Superintendent at Bakersfield, California. He, his wife (formerly Juanite Robbins of Austin) and daughter, Robin Ann, and son, Pat, have lived at Bakersfield for the past four years. Prior to that they lived at Long Beach for 11 years. They manage to make a pilgrimage to Austin each year or two and plan to spend some time in Austin this summer.

RODNEY J. CAMP (BS '43) is still affiliated with Camp Oil Company as geologist in Midland.

CARL CHELF (BA '40) is a consulting geologist in Austin. He is working with the development of industrial minerals in Texas and surrounding areas.

ADNAN K. CHITIN (BS '44, MA '46) continues as Chief Geologist for Central Del Rio Oils, Ltd. in Calgary, Canada and reports "there's still lots of oil in Canada." He sends best regards to all his friends.

CARROLL E. CHURCH (BS '40) is President of Pioneer Well Tools, Inc. in Houston.

STEPHEN E. CLABAUGH (BS '40, MA '41) is completing his fourteenth year as geology teacher at The University of Texas where he also serves as Assistant Chairman of the department. He and his wife attended the International Geological Congress in Copenhagen last summer.

H. C. COOKE (BS '41) reports that his wife, Sophie, and their five children are doing fine. He continues to be President of the Orion Oil Company in Corpus Christi.

JERRY COVINGTON (BS '43) continues to be an independent geologist in Midland.

MARTHANN KESSLER (Mrs. W. O.) DAVIS (BA '43) has completed nearly 17 years with Pan-American Petroleum Corporation in Tulsa as Geological Research Engineer, specializing in analyzing well cuttings. Her husband is Design Engineer for Burtek, Inc. of Tulsa, manufacturers of training devices in all technical fields. He is a graduate of Oklahoma A. & M. but participated in the UT ex-activities held in Tulsa.

CHARLES J. DE LANCY (BS '40, MA '42) is a geologist for Humble Oil & Refining Company in Houston.

GEORGE A. DONNELLY, JR. (BS '40) remains Vice-President of the Eastland Drilling Company at 3105 Shell in Midland.

CLARENCE O. DURHAM, JR. (BS '42) continues to be Associate Professor of Geology at Louisiana State University at Baton Rouge and is Director of Research for the Louisiana Geological Survey. Clarence is teaching courses in stratigraphy and Gulf Coast geology as well as elementary courses. During summers he is supervising an economic

- mineral survey in north Louisiana, particularly of iron ore, bentonite and clay minerals. He is also in charge of the Louisiana Geological Mapping and Research program. His wife, Louise, is also a graduate geologist.
- JAMES L. EPPLER** (BA '43) is Manager of the Geological Department of the Frankfort Oil Company in Dallas.
- W. E. FALLING** (BS '42) is President of Farm-out and Lease Listing Service with offices at 1937 West Glass in Houston. He reports his "wife and six daughters treat him like a king."
- HARWARD L. FISHER** (BS '40) feels after fifteen years with University Lands in Midland that it is beginning to look like a career.
- A. L. FRERICKS** (BA '41) continues as Division Geologist for Forest Oil Corporation in Corpus Christi.
- J. A. FRYOU** (BS '40) remains in Midland as a geologist for Humble Oil & Refining Company.
- HOWARD A. GIBSON** (BS '42) is still affiliated with Republic Natural Gas as District Exploration Manager in Englewood, Colorado. He and his wife have three children.
- LEO C. GRAVIS** (BS '42) is Manager of Exploration for Trunkline Gas Company in Houston.
- CHARLES F. HAAS** (BS '41) is a geologist and oil operator for the Haas Oil Company and Pyle Drilling Company in Corpus Christi.
- MACK HAYS, JR.** (BA '42) is an independent oil operator with offices at 497 Fair Petroleum Building in Tyler.
- JAMES H. HELLAND** (BS '43) is a consulting geologist and oil operator with offices in the Alamo National Building in San Antonio.
- CARL W. HEMMI** (BA '40) is a consulting geologist and geophysicist in San Antonio. Carl's wife, Christi, is teaching science and working on her Master's at Colorado College. Her thesis will be on "Bexar County Geology." They have one son and two grandchildren. Carl and Christi enjoy photography, bridge, and taking field trips.
- LEO HENDRICKS** (Ph.D. '42) continues as Professor of Geology at TCU. Leo spent the summer of 1960 doing stratigraphic work in the Colorado Plateau country and will be working in the mountains of southwestern Colorado during the summer of 1961. Both summers were in the employment of Pan-American Petroleum Corporation. On December 1, 1960, he lectured to the graduate students and faculty of the Geology Department at UT.
- DAN E. HOLLAND** (BS '40, MA '40) is an independent geologist and consultant in Midland.
- JESSE JAMES HOWARD** (BA '43, MA '44) will resign his post as Senior Paleontologist with Creole Petroleum Corporation in July and will return to the States at that time. His address will be Valley Mills, Texas
- where he plans to start farming and ranching.
- JACK T. HUGHES** (BA '41, MA '42) remains Head of the Department of Geology at West Texas State College in Canyon where he has been since 1952. He is also Curator of Paleontology of the Panhandle-Plains Historical Museum. He states he may get his doctorate from Columbia University before his children, Martha, 12, and David, 10, get their Ph.D.'s, if his wife, Pollyanna, keeps after him to finish his dissertation.
- ELVIN M. HURLBUT, JR.** (BS '43) in January completed 12 years as Senior Geologist with Shell Oil Company in the Tyler Basin area and finds there is still a lot of geology left to study. Elvin and his wife, Virginia state that the welcome mat is always out at 422 S. Fenton for anyone passing through Tyler. Last fall, they visited Bob Leibrock and Norman Ewbank in Midland.
- GROVER J. ISBELL** (BS '41) continues to be chief Geologist for the A. A. Cameron Oil Company in Oklahoma City. Grover and his wife, Betty, have three children, Kaye, 13, Mike, 11, and Lisa, 3. He made a major discovery in Colusa and Sutters Counties, California, "Grime's Gas Field," on a 5,000 acre block jointly held with the McElroy Ranch Company. In his spare time, Grover is serving as Squadron Commander of the 185th Fighter Training Interceptor Squadron of the Oklahoma Air National Guard assigned to the Air Defense Mission. He has the reserve rank of Major.
- GEORGE W. ISENSEE** (BS '40) continues to be Division Geophysicist for the Mobil Oil Company in Midland. He states that he is "still shuffling great stacks of paper and taking advantage of every field trip opportunity."
- J. R. JACKSON, JR.** (MA '40) continues as area geologist for the Humble Oil & Refining Company located in Los Angeles. He reports his family remains the same with a "boy 7 and a girl 5 and only one wife. Lots of freeway driving—very little rain—lots of sunshine—not too much smog—come to California, but bring money to help keep things green!"
- EDWARD A. KARPER** (BS '41) is a partner in the Karper & Glass Drilling Company at Graham, Texas. Edward and his wife, Frances, have three children, Edward, Jr., 11; Kristin, 9, and Phillip, 3.
- CHARLES J. KATZ** (BA '41) continues as Vice-President of the Katz Oil Company with offices in the National Bank of Commerce Building in San Antonio.
- ROBERT EARL KEEN** (BS '40) is a petroleum engineer for Ginther and Warren in Belaire, Texas. Robert and his wife, Juanita, who is a lawyer in Houston, have two children, Robert and Kathy.
- ELDON W. LANFORD** (MA '42) and **LUCILLE TREYBIG LANFORD** (BA '41, MA '42) are now living at 2306 Texas Avenue in San Antonio. They have three children, Alan, 14; Brian, 12; and Lauren 8. Lucille is going back to school again and enjoying every minute of it, studying music with a major in pipe organ.
- OTHELL F. LANGFORD** (MA '42) is a consultant in Georgetown. He is now breeding and raising registered purebred Charolais and Charbray cattle and claims these cattle are designed especially for young and old geologists.
- JACK K. LARSEN** (BS '40) continues as Division Exploration Manager for Shell Oil Company in Lafayette, Louisiana.
- JEAN LEWIS** (MRS. PAUL B.) GREIG (BS '44, MA '49) reports "Paul changed jobs in November, 1960. He is now Division Geologist for Texas Gas Exploration. They "spent a day in March with Jack Wilson showing him the Canadian Rockies through the clouds."
- CARL V. LIEB** (BA '40, MA '42) is an instructor in Vocational Photography in San Antonio. He reports "still five of us—thank goodness!"
- JOHN L. LOFTIS, JR.** (BS '40) is now Exploration Manager for the southwestern region of Humble Oil & Refining Company in Houston. John has contributed greatly to filling in on bulletins for the geology library.
- ROBERT W. MATHIS** (BA '41, MA '42) is partner and General Manager for Mathis & Mathis in Silver City, N. Mex. He states he is "still following the hard rock mining business pursuing the ever-elusive Mother-Lode." His wife, Lona May, and their children, Bobby, 8, and Margie, 5, are lending moral support.
- WILLIAM E. MCBROOM** (BS '40) continues as Manager of the Oil Division for W. T. Waggoner Estate in Vernon, Texas. He and his wife and three children, ages 17, 14, and 12, visited Guatemala and the Mayan Ruins (Tikal) during the Christmas holidays. He feels, for better relations with our southern friends, he would definitely recommend more vacation trips to the south.
- A. D. McRAE** (BS '42) moved from Wichita, Kansas to Midland in January, 1961, where he is continuing his duties as District Exploration Superintendent for Mobil Oil Company.
- J. B. MEANS, JR.** (BS '40, MA '41) is an independent geologist in the Alamo National Building at San Antonio still managing to find an occasional field extension. He and his wife, Florence, have two daughters, Marion, 17, and Sharron, 13.
- JOHN C. MEYER** (BA '41) continues as Division Geologist for Kerr-McGee Oil, Inc. of Denver. John and his family live at 3865 Chimo Road in Littleton, Colorado.
- RAYMOND E. MING** (BS '41) and **MRS. CYNTHIA SHEFFIELD MING** (BA '41) are consulting

- geologists in Houston. Ray states he is in business for himself and "in spite of bad condition of the oil business, manages to keep beans on the table and has high hopes that things will be even better this year." Cynthia is doing secretarial, drafting, book-keeping and moral uplifting chores for Ray as well as carrying on duties as a housewife.
- G. DE. MOHRENSCHILDT (MA '45) is a consultant with headquarters in Dallas who has worked recently in Africa and other parts of the world. He writes from Costa Rica that he is on an extended trip through all of Central America, on foot with mules, looking for minerals.
- CHARLES GARDLEY MOON (BS '40, MA '42, Ph.D. '50) is a Senior Geologist for the Humble Oil & Refining Company in Wichita Falls. He is supervising core drilling and surface geology in North Texas and working on special projects in the Wichita Falls office.
- JUNIUS H. MORRILL (BS '41) reported on April 3rd that in two more years one of his children would be their first candidate for the University of Texas. We regret however, to report that on April 14th, Junius died unexpectedly of a heart attack in Fort Worth. He is survived by his wife and three children.
- WILLIAM I. MOUNGER (BS '40) moved to Jackson, Mississippi as District Geologist for Skelly Oil Company in August 1960. The area of his district includes the states of Mississippi, Alabama, Florida and part of north Louisiana. He has one daughter, Marilyn, now 17 years old.
- ARNO P. MUELLER (BS '42) continues as Seismic Party Chief for Sun Oil Company in Beaumont. He is still working in Mississippi and Louisiana. His son David hopes to attend Texas in 1962.
- PAT MURTA (BA '41) is an independent geologist in Winchester, Kentucky. He reports he is "now the only Rocky Mountain lease trader living east of the Mississippi River and doing quite well at it." He put out the welcome mat and said "when you all come to the Derby, drop in and see Valerie, me and the five kids."
- DAVID NICOL (1939-40) continues as Associate Professor in the Department of Geology at Southern Illinois University in Carbondale, Illinois. He is spending three summers at the U. S. National Museum working on Antarctic bivalves on a National Science Foundation grant.
- W. A. (BILL) NOWONTY (BA '42) is District Geologist for British-American Oil Products Company in Houston. Bill is back in Houston for the third time after three years in Louisiana. It was his second tour in Louisiana having worked Texas, Louisiana, Oklahoma, New Mexico and South America since graduating. He now has two sons.
- F. L. ORMAN (BS '41) continues as a geologist for the Ambassador Oil Corporation and reports from Ireland that the tour of duty there is both delightful and challenging.
- JOHN P. PASCHALL (BA '42) is a geophysicist for the Ohio Oil Company in Houston.
- A. BALFOUR PATTERSON (MA '41) continues as a partner in Logue and Patterson at Dallas.
- BILL R. PAYNE (BA '40, MA '41) recently moved from Houston to Midland where he is Area Exploration Manager for Humble Oil & Refining Company.
- JUAN P. PEDRETTI (BS '42) continues as petroleum engineer for Union Oil Company of California in Santa Fe Springs, California.
- BENJAMIN J. PETRUSEK (BA '42) continues as paleontologist for Pan-American Petroleum Company in Houston.
- VAN A. PETTY, JR. (BS '40, MA '41) continues as an independent oil operator at the Petroleum Center in San Antonio.
- HARRY S. PHILLIPS (BS '42) is an independent geologist in Tyler. Harry and his wife, Marilyn, have four children, Todd, 16; Carolyn, 13; Paul, 10; and Jimmy, 3. They reside at 1521 South Chilton and would like to have friends visit them when in Tyler.
- JESS P. ROACH (BA '41) is Division Exploration Superintendent for Tenneco Oil Company now located in the Rocky Mountain Division at Denver. He and his family are enjoying Colorado very much but they say it still isn't Texas.
- WILLIAM B. RODAN (BS '42) remains District Exploration Superintendent for Pan-American Petroleum Corporation in Denver.
- LOUIS H. ROGERS (BS '40) is a geologist with Southland Royalty Company in Fort Worth.
- HARRY H. SISSON (BS '40) continues as Chief Geophysicist for the Monterey Division of Humble Oil & Refining Company in Los Angeles, California. They are enjoying living in La Cauada, California, their home for the past 4½ years.
- JOHN L. STRIPLING (BA '40) has been with Hq. 4th Log. Command, APO 122, New York, stationed near Verdun, France. He and his family, including his wife, Marjorie, three daughters and one son will return to Texas in July after taking a vacation in Spain where they hope to see a bull fight or two and practice up on their Spanish. They will be stationed with the 5th Missile Battalion, 517 Artillery Duty Station in Duncainsville, Texas (near Dallas). He states that they want to visit the Department of Geology after their return to the States, and that they appreciate hearing the news of the other graduates of the department through the Newsletter.
- JEROME F. SVAJDA (BS '40, DDS '50) remains self employed as a dentist in Richmond, Texas. "Have five children, 4 boys and one girl and we are expecting number 6 in August. Am running two drilling rigs of the dental type, perhaps not as deep, but faster."
- GLENN C. TAGUE (Faculty 1942-43) is a Research Geologist for the Cities Service Petroleum Company in Houston. Their daughter, Barbara, is 14 and a loyal Texas booster.
- DICK TEEL (BS '41) is District Geologist with Pan-American in Lubbock, Texas. He states that the boys are growing up fast; that Dickie is now in the 8th grade, 5'8", weight 170 lbs, plays football and is a Life Scout. Richie is 12, in the 6th grade, plays football too and is a Star Scout. Dick is Committee Chairman for a Boy Scout Troop and Post, and May teaches Sunday School among other civic duties.
- BERT C. TIMM (MA '41) is Manager of Geology for Sunray Mid-Continent Oil Company in Tulsa. He states that the "pessimists who claimed the world was running out of oil two decades ago when he left UT underestimated the profession."
- ROY W. TRONRUD (BS '40) is Senior Geophysicist for Sun Oil Company in Richardson, Texas.
- EDD B. TURNER, JR. (BA '43) is Assistant Manager of Exploration for the Southern Division of Tidewater Oil Company in Houston. Edd, his wife, and their six year old daughter still live at 3726 Latma Drive in Houston. He took a two month management course at the University of Pittsburgh last month.
- FELIX V. VINKLAREK (BS '43) remains a geologist for Standard Oil Company of Texas in Midland.
- A. H. WADSWORTH, JR. (BS, MA '41) moved from Bay City to Houston where he is now a geologist and oil operator in the Texas National Bank Building. His present home address is 138 Hickory Ridge Drive, Houston 24, Texas.
- LINCOLN E. WARREN (BS '41) is presently Manager of Exploration for the Gulf Oil Company in Denver.
- JOSEPH D. WALZTAVICK (BS '41) is a geologist and geophysicist living at 4622 Oakdale Drive in Bellaire, Texas.
- ALBERT W. WEEKS (Ph.D. '41) continues as staff geologist for Sun Oil Company in Philadelphia, Pennsylvania. He and his wife visited the University recently.
- H. P. (PAT) WELLS, JR. (BA '40) moved from the Petroleum Building to 209 Oil and Gas Building in Abilene, where he is a geologist and producer. His daughters are now 7 and 8 years old and his sons are now 2 and 11. He is glad to see efforts being made to get UT geologists together at national and regional meetings.
- A. W. (AL) WHITE (BS '41) is still an independent geologist in the Staley Building at Wichita Falls. "Joe and Terresa are getting big and sassy and Pa and Ma are

getting gray. Still haven't enough oil to retire."

FRED L. WHITNEY, II (BS '43) continues as President of Whitney-Petracon in New Castle, Colorado, along with his ranching and other varied investments.

RICHARD A. WILEY (BS '42) continues as a geologist for the Amerada Petroleum Corporation in Lafayette, Louisiana.

JAMES LEE WILSON (BA '42, BS '44) is Senior Research Geologist for Shell Development Company in Houston. He will spend a year beginning in 1961 in residence at Delft, Netherlands, continuing studies of limestone stratigraphy and petrography.

LOUITA DODSON (MRS. THOMAS C.) WILSON (BA '40) is a homemaker, student, and writer in Denver where she is hoping to earn her MA in Anthropology from the University of Colorado in August, 1961. She was one of two University of Colorado anthropology students chosen to attend the Anthropology Institute at the University of Colorado this summer. She has a minor in geology, including glacial and pleistocene geology. Louita just finished another book this spring dealing broadly with anthropology. Tom is still with Gulf, and their three children are all fine.

HOMER C. WILSON (BS '42) remains Vice-President of Operations for Texas Butadiene and Chemical Corporation in Houston. There is still little change for their family as one son is still at UT, and the other is still in high school. His wife, Nancy Willis Wilson (UT '42) is encouraging him in art, golf and lawn care.

W. W. (BILL) WILSON, JR. (BS '40) continues as an independent oil operator with offices at 711 Citizen's National Bank Building in Abilene.

EDWARD R. WOLCOTT (1941-43, 46-48) is a subsurface geologist in Wichita Falls for Humble Oil & Refining Company. His wife, Carol, and their sons, John, 9, and Paul, 6, are fine. Edward spends as much time as possible fishing and boating and still plans to take an educational leave one of these days and get a Master's degree. He states that he still has all his hair and weighs the same as he did during his college days.

A. WAYNE WOOD (BA '41) is Chief Geologist for Blanco Oil Company in San Antonio. He reports he has three boys, now 10, 7 and 4, with one basketballer, one scientist, and one promoter.

LAURO A. YZAQUIRRE (BS '43) is District Geologist for Petroleos Mexicanos in Reynosa, Tamps., Mexico. He has an addition to his family, making it now four boys and three girls.

ALFRED D. ZAPP (BA '40, MA '41) is currently in charge of the fabulous U.S. Geological Survey mapping project in Kentucky. A team of approximately 70 geologists will

spend ten years making detailed maps of the whole state.

1945-1949

JAMES W. ADAMS (BA '48) is now a Seismic Computer for Humble Oil & Refining Company in Corpus Christi.

HENRY NAT AIKLEN, JR. (BA '49) on April 15, 1960 accepted a position with Trans-Western Pipeline Company in the Houston headquarters. The company is engaged in the purchase, transmission and sale of natural gas over a five state area. Henry now has three children, ages 13, 9, and 5 and is still proud to be a "Teasipper."

C. C. ALBERS (BS '48) continues as a paleontologist with Pan-American Petroleum Company in Houston.

PAUL H. ALLEN, JR. (BS '49) remains Chief Geologist for Pano Tech. Exploration Corporation in Houston.

MARY FERGUSON ANDERSON (BA '46) is a housewife living at 203 Country Club Road in Hillsboro, Texas.

PAYTON V. ANDERSON (BS '45) continues as partner with W. D. Anderson & Sons in Midland and has interests also as an independent oil operator in West Texas and New Mexico, in general investments, and in cattle ranching in western South Dakota. His wife, the former Evelyn Brewster, is a UT graduate. Their three daughters are now 10, 12 and 13 years old.

GUS B. BAKER (BA '49, MA '51) is Division Geologist of the Mountain Exploration Division for the California Oil Company located in Denver. He wrote that he is "looking forward to attending a reunion sometime in the near future. Sure would be good to see some of you guys again!"

R. V. BARRON (47-49) continues as geologist for Lawrence J. Kelly, Ltd. He reports a new daughter, Barbara Rae, born December 7, 1960. This increases his family to four children with Diane 10, Beth 7, and Brian 4 years old. They live at 5255 Jackwood in Houston.

THOMAS D. BARROW (BS '45, MA '48) has been moved from Houston to New Orleans where he is Eastern Area Exploration Geologist for Humble Oil & Refining Company. They had their fourth child, Elizabeth Ann, in July, 1960.

HUGH W. BECKCOM (BS '49) has offices in the Alamo National Building where he is a consulting geologist in San Antonio.

RAY A. BURKE (BS '47) was appointed Director of Exploration for Union Oil Company in January, 1961, and moved his family to Los Angeles, California. Ray attended Harvard Business School during his fall term, 1960 prior to leaving for California.

THOMAS M. BURKE (BS '49) is an independent geologist in Houston.

JOHN A. BURLESON (BS '49) reports that the

Californians (Monterey) he worked for sold out to some Texans (Humble). He is continuing as geologist with the "Big H" in Midland and states his new motto is "Happy Motoring Everybody."

T. T. (JEFF) BURNETT (BS '48) continues as a partner in T. J. Burnett and Sons in Houston.

PATRICK H. BYRD (BS '49) is an independent geologist in Lafayette, Louisiana. He and Jean have a daughter, Polly, who is nine years old. They have been living in Louisiana now for five years and their current home is 147 Brentwood Blvd. in Lafayette.

ARTHUR L. CARROLL (BS '49) left the oil business to become a salesman. He and his family, including three children, ages 7, 4, and 1, still reside in Abilene.

R. D. CARTER (BA '43, BS '48, MA '48) continues as a geologist for Humble Oil & Refining Company in Corpus Christi.

W. WILSON CARTER, JR. (BA '49) continues in partnership firm of Carter and Carter oil operators in San Antonio. He has been married nine years and has a daughter 6 and a son 4.

JOHN G. CHAMPION (BS '47) is still affiliated with Humble Oil & Refining Company as Area Exploration Geologist in Tyler. They have a new daughter born in February, 1961, and his wife, Beverly, and the rest of the family are doing fine.

THOMAS A. CHANDLER (BS '48) remains in Tyler where he is a geologist for Union Producing Company.

WALTER CHATHAM, JR. (BA '48, MA '50) continues as a geologist for the Federal Power Commission in Washington, D.C. living at 7416 Conrad Road in Alexandria, Va.

W. HOWELL COCKE, JR. (BS '48) is an independent oil operator and investor in Houston. He and his wife, Beulah, left April 3 for a month's trip to Switzerland and Italy, flying by jet both ways. They visited Geneva, Lausanne, Zermatt, Milan, Rome, Naples, Capri, Florence, Venice, Lucern, and Zurich.

ANNY BUCHESTAB (DVORETSKY) COWRY (BA '49) is now a part-time geologist living at 5506 Tallowlane, Houston 21, Texas.

WILLIAM P. CRADDOCK (MA '47) is Assistant Head of the Statistical and Evaluation Section of the Exploration Department for Humble Oil & Refining Company in Houston. He and his wife, Edwina, and their three children, Nancy, 14, Bill, 12, and Carolyn Sue, 8, reside at 404 North Avenue A in Bellaire, Texas.

MILTON W. CRUSIUS (BS '49) remains affiliated with Humble Oil & Refining Company as Senior Seismic Computer. The Crusius' bought a new home at 7058 Sharpcrest in Sharpstown, Texas. Their sons, Tim, 11, and Bryan, 5, are growing so fast they can't keep up with them. Milton is an active scouter and offered a geology merit

- badge course at El Rancho Cima summer camp in June.
- HUGH W. CURFMAN** (BS '48) is now an independent geologist in Lafayette, Louisiana. They are still living at the same address and have no additions to their family of four children.
- JOHN H. DANTE** (44-45) is a natural gas geologist for the Federal Power Commission in Washington, D.C. John has been working for Uncle Sam for the past seven years and is presently living at 4501 Woodfield Road, Kensington, Maryland. His wife, Rosalia Ottameier Dante, graduated in January, 1950 with a BS in Physical Education. They now have three children, Philip, Joseph, and Susan.
- GEORGE P. DERRY, JR.** (BS '49) has recently resigned as geologist after 11 years with Hawn Brothers Oil Company to become an independent geologist in Corpus Christi in association with H. C. Cooke in the Wilson Building. George and his family have moved to a new home at 110 Janin Circle South in Portland, Texas.
- W. H. DEVINE** (BS '48) continues as a geologist for Sun Oil Company in Corpus Christi.
- WILLIAM W. (BILL) DOYEL** (BS '48) has just returned from two years in Chile, working for the U.S. Geological Survey. Prior to going to Chile he had worked in Egypt and Libya.
- FRED A. EALAND** (BBA '45, BS '48) is geologist for Humble Oil & Refining Company in New Orleans. His family status is the same: two boys and two girls, all healthy and happy.
- BILLY MARION EASLEY** (BS '48) reports that business is good in his partnership with Easley and Curry of Corpus Christi. Their 17 year old daughter will start at UT this fall, which gives them a good excuse to attend all the football games. The rest of the family, including his wife and 6 year old daughter still reside at 414 Barracuda Drive in Corpus.
- JOHN T. EDT** (BS '49) continues as Senior Geologist for Sunray D-X in Tulsa, Oklahoma. "Still major discovery-looking, but gave up on that daughter-looking, after the fifth was a boy!"
- A. R. EKHOLM** (BA '49) continues as an independent geologist in the Crescendo Building in Abilene.
- RALPH I. ELLSWORTH** (BS '48, MA '49) reported from the Esperson Building in Houston as General Superintendent for Rycade and Midhurst Oil Corporation.
- BENJAMIN M. ELMS** (BS '49) is a District Geologist for Union Oil Company of California now located in New Orleans. He mentioned that they had an addition to the family, making a total of five children, but failed to tell whether it was a boy or a girl!
- O. W. ("BUZZ") FAUNTLEROY** (BA '48) reports he has changed his occupational title from "consultant" to "operator," still in the Oil and Gas Building at Wichita Falls. They have two new Buttram sand wells in Jack County, one for each of his children, Kyle and Nina, to make it through UT.
- WILLIAM J. FENNESSY** (BS '48) was transferred last summer from Houston to Corpus Christi where he is Supervisory Computer for Humble Oil & Refining Company. Karen is attending Del Mar.
- JOHN F. FLANNERY** (BS '49) is now General Partner for John F. Flannery and Company in Houston. His wife and three children are doing fine.
- HEWITT B. FOX** (BA '47, BS '48, MA '48) is located in the Oil Industries Building as President of Miller and Fox Minerals Corporation in Corpus Christi. They are looking forward to drilling several promising oil and gas prospects. Hewitt keeps busy trying to keep up with one boy in Cub Scouts and the other in Little League.
- MRS. ANNABELLE R. (BANNAHAN) FRIDDLE** (BA '45, MA '50) is a housewife at 782 Grove Street in Abilene.
- JAMES B. FURRH, JR.** (BA '49, BS '50) continues as an independent in Jackson, Mississippi. "Have a wife, and two boys, but not enough oil!"
- ROBERT B. GAINES, JR.** (BS '49, MA '51) continues as geological engineer for Northern Natural Gas Company in Omaha, Nebraska. He reports that the gas business is still exciting and he is enjoying working for Northern, as well as doing part time teaching at Creighton University. They added a daughter to their family of two sons and he states their family is now complete.
- CLEM E. GEORGE** (BA '48, MA '48) remains in Midland as a consulting geologist. He is "chasing the Abo Reef in New Mexico."
- W. E. GIPSON** (MA '49) remains an independent geologist in Midland.
- PAUL GIRAUDIN, JR.** (BS '48) remains District Geologist for the Ohio Oil Company in Corpus Christi. The family is still the same size; wife and two children. He states they are starting their third yard in four years, now residing at 453 Sharon Drive.
- MRS. THOMAS M. (PEGGY STANLEY) GORMLEY** (BA '46) reports from Dallas where she is a housewife with two sons, John, 3, and Patrick, 2, "now at the sand box and gravel stage."
- JOHN D. GOULD, JR.** (BS, MA '49) remains an independent geologist in San Antonio. There has been no change in the status of his family and they all manage to keep busy and work hard.
- ROY W. GRAVES, JR.** (Ph.D. '49) has joined the production and exploration department of Mansanto Chemical Company's Lion Oil Company as Senior Geologist in Denver, Colorado.
- R. W. GRAYSON** (BS '48) is now Assistant Division Geologist for the Ohio Oil Company in Houston.
- FURMAN A. GRIMM** (BS '47) is now Supervisor of Geophysics for Humble Oil & Refining Company. They are now living in Midland after two years in Roswell, New Mexico. He reports that the "work is much the same—just more of it," and states that he and his family are enjoying frequent visits with UT exes.
- RAFAEL C. GUARIGUATA P.** (BS '48) is now District General Superintendent for Shell, living in Zulia, Venezuela. He was recently accepted as a member of the Venezuelan Engineer Association for Merits. This past year he went to London and the Hague to take management courses with Shell International and B.I.P.M. He and his wife, formerly Margaret Hale of Austin now have five children, all attending the Venezuelan schools.
- KARL F. HAGEMEIER** (BS '49) continues as Manager of south Louisiana and Mississippi area for Texas Crude Oil Company, located one new field and three significant field extensions; some based on geology. The family is all enjoying good health. They are "planning to build a new home-stead at the elevation above sea level of 7 feet!"
- DON LYNN HALL** (BS '49) is enjoying his work very much as Vice-President with H. J. Gruy and Associates, Inc. in Dallas.
- WELDON J. HARRELL** (BS '49) continues as a consulting geologist and oil producer in Graham, Texas.
- LILLIAN B. HIX** (BA '46) remains a secretary for the Hunt Oil Company in Houston.
- F. A. HOENINCHAU, JR.** (BS '49) continues as Seismic Computer for Humble Oil & Refining Company in Houston.
- HAL H. HOLLAND, JR.** (BS '47) continues as an independent geologist in the Oil Industries Building in Corpus Christi.
- C. L. R. HOLT, JR.** (BS '49, MA '51) is District Geologist for the U.S. Geological Survey in the Ground Water Branch located in Madison, Wisconsin. He and his wife Catherine and 13 year old son Charles have recently moved into a new tri-level home on a hill near Lake Mendota at 1610 Norman Way. Charles is active in Boy Scouts as Patrol Leader with Star Rank and also junior high school band. Catherine is putting the finishing touches on the interior decorating of their home. They have all taken an interest in "bow hunting of the ever-elusive deer" and also enjoy canoeing. He and his staff continue to crank out reports on geology and ground water.
- JAMES W. HOOD** (BS '48) continues as Ground Water Geologist for the U.S. Geologic Survey, Water Resources Division in Roswell, New Mexico. There has been "no change in family status since last year."
- LAWRENCE E. HOOVER** (BS '48) is an inde-

- pendent geologist in Corpus Christi. He reports that they now have three children, 2 boys, Clay, 8, and Bill, 3, and Kathy who was born in April, 1961.
- PAUL H. HORN (BS '47) continues as geologist for Sun Oil Company in Amarillo where they have been living for the past 12 years.
- JACK E. HUGHES (BA '48) continues as Chief Geologist for Drilling and Exploration Company, Inc. in Richardson, Texas. They have been living in Dallas now for five years, working the first year for D. D. Feldman Oil and Gas and the past four years with his present firm. Their family has increased by one: they now have two boys and two girls with "no two children being born in the same town."
- R. J. HUGHES (BS '38, MA '48) continues as Associate Professor of Geology at the University of Mississippi.
- EMMETT A. HUMBLE (BA '49, MA '51) moved to Midland from Houston last July and is now a Senior Geologist for Humble Oil & Refining Company.
- ALLEN E. HUMPHREY (BS '49) remains President of Humphrey Oil Corporation at the Fidelity Union Life Building in Dallas. Their 16 year old daughter Tessa is attending high school in Phoenix, Arizona and their 5½ year old son Bart is still at home. Allen continues to be active in the oil business, drilling between 30 and 40 wells per year. He is also interested in playing golf and has played tournaments in Dallas, Palm Springs, and other locations.
- E. FLOYD HUMPHRIES (BS '46) is Assistant Chief Geologist for Natural Gas Pipeline Company of America in Houston. He and his wife, the former Oris Studer, (BA '38) have two sons, ages 14 and 11.
- JACK HUNTER (MA '48) is a geologist in Graham, Texas.
- EDWIN E. HURT (BA '46) is a petroleum geologist. On May 1st he moved to his farm in Cass County, his new address being Route 2, Atlanta, Texas. He is planning to do some exploration in southern Arkansas and enjoy his two bird dogs and private lake. He and his wife attended the International Geological Congress in Copenhagen then toured Europe in their new Mercedes-Benz.
- M. H. (PETE) JANSZEN (BA '48, MA '53) is a geologist for the Continental Oil Company in Corpus Christi. At the end of Little League season, they plan a three-week family geological tour of eight countries in Europe.
- CHARLES T. JENKINS (BS '48) remains a geologist for Perkins Production Company in Duncan, Oklahoma.
- JACK G. JOYCE (BS '48) is now District Geologist for Standard Oil Company of Texas in Houston, moving from San Antonio last June.
- EDWARD R. KENNEDY, JR. (BS '48, MA '49) continues his position as Administrative Assistant to the Division Manager of Argo Oil Corporation in Midland.
- CAPT. ROY L. KERN (BS '49) remains in the U.S. Air Force in San Antonio.
- JOE KEYSER (MA '48) is a consulting geologist in Midland. His wife, Gene (nee Funkhouser) received her BA in Geology at UT in 1948. Their children include Carolyn 11, Julie 10, Ed 8, Ann and Laura 5. "Still consulting and having fun. Regards to all!"
- WILTON HAYS KILLIAM (BS '49, MA '58) is Head of the Science Department at Lufkin Junior High School.
- JOE C. KITCHENS (BS '49) is a consultant in Dallas.
- EARL B. KNOTT (BS '47) is District Exploration Superintendent of the Tenneco Oil Company in Corpus Christi, having moved from Shreveport last August. He and his wife, the former Ruth Hight (BS Nutrition '44) from Austin have two daughters, Nancy 15 and Kathy 12.
- ERWIN K. KRAUSE (BS '49, MA '54) is a stratigrapher for the Shell Oil Company in Corpus Christi and reports there are 12 Texas-exes in the Exploration Department at Shell. "Thanks to Miltown, have survived over five years as Boy Scout and Explorer leader. Wife, Edna was highest honor graduate at Del Mar College in 1959 and has now earned a BS at University of Corpus Christi.
- SAM ROSS LAKE (BA '49) remains District Geophysicist for Cities Service Petroleum Company in Jackson, Mississippi. They have a new addition to the family, Ross Robert, born on December 17, 1960, and two older daughters, ages 4 and 2.
- CHARLES F. LAMB (BS '49) is District Development Geologist for Standard of Texas in Ardmore, Oklahoma. "Three moves in six months finds us finally settled in Ardmore. Here to stay for awhile, we hope."
- JACK T. LASTOR, SR. (BS '48) writes that he is now paralyzed from the shoulders down but able to drive and be active with the aid of a nurse. He says that he would enjoy hearing from his friends and classmates. Jack and his wife and three children live in the Spring Branch community of Houston at 1717 Creek Drive.
- ROYCE E. LAWSON, JR. (BS '49) is District Geophysicist for Humble Oil & Refining Company in Roswell, New Mexico. They reside at 514 New Mexico Drive.
- WILLIAM P. LE CROIX (BS '49) writes from Lampasas that he is awaiting another assignment after returning from a seismic survey in Queensland, Australia, with Petty Geophysical Engineering Company for Phillips-Sun Ray.
- GALE T. LESLIE (BS '49) remains District Geologist for Shell Oil Company in Corpus Christi.
- HAL S. LOBREE (BA '49) is a consulting geologist and oil producer in Evansville, Indiana. Last year he was confined to drilling development wells on properties already proven. He found time to produce the Third Annual Indiana Jazz Festival in Evansville with celebrities such as Benny Goodman, Dave Brubeck, Dinah Washington, and Dakota Staton helping to make it a success musically, civically, and financially. They are planning their Fourth Annual Jazz Festival for June 23, 24, and 25, and hope to see some Texas Ex's again this year.
- HOWARD R. LOWE (BS '48) is a self-employed petroleum engineer in Billings, Montana.
- BOB MAKINS (BS '49) continues as Chief Geologist for Perkins-Prothro Company in Wichita Falls.
- CHARLES WILLIAM (CHICK) MARQUIS, JR. (BS '49) continues as an engineer for Core Laboratories, Inc. in Dallas. Charles, his wife and three children live at 2012 Ad-dington in Irving, Texas.
- GEORGE W. MARSHALL, JR. (BA '48) continues as Regional Geologist for Continental Oil Company in the Fair Building in Fort Worth. He and his family send regards to all. George has been very helpful about writing other UT alumni in Continental on behalf of the Geology Foundation.
- ED MATULICH (BA '47) is Assistant District Geologist for Sun Oil Company in San Antonio. His family consists of his wife, daughter, and two sons.
- JERRY McCAULEY (BS '49) continues as Louisiana District Engineer for Trice Production Company in Lafayette, Louisiana. He and his wife, Jackie, have a new daughter, Anne, born on December 9, 1960.
- EDWARD McFARLAN, JR. (MA '48) is Supervisor of the Paleontologic and Stratigraphic Group of the Eastern Area for Humble Oil & Refining Company in New Orleans. Humble moved him from research to operations in March, 1960, and at that time, he moved from Houston to New Orleans.
- WILLIAM L. McINTIRE (BS '48, MA '50) received his Ph.D. in 1958 from MIT and is now an Assistant Professor of Geology at UT. He reports "still just Don Marie and me; both working at The University of Texas."
- RAYMOND L. McKEE (BS '49) is now an independent geologist in the Oil Industries Building in Corpus Christi having resigned his position as District Engineer with the Republic Natural Gas Company. His family is all in good health and enjoying life.
- W. RINEHART MILLER (BA '46) continues his partnership in Miller and Fox, operating with Hewitt B. Fox. Their joint enterprises include Miller and Fox Minerals Corporation, Miller and Fox Drilling Corporation, and the Hydrocarbon Transmission Company. They operate primarily in southwestern Texas and concentrate on explora-

- tion. He still has "only one wife and a nearly 15 year old daughter.
- MARTHA BYBEE (MRS. HERBERT G.) MILLS (BA '49) is now a housewife living at 4233 South 5th in Abilene. They have a daughter, born November 28, 1960.
- JULIAN MORGAN (BA '49) is Assistant District Geologist for Tidewater Oil Company in Lafayette, Louisiana.
- MICHAEL B. MORRIS (BS '47) continues as Engineer of Exploration for Hudson's Bay Oil and Gas Company, Ltd. in Calgary, Canada. He enjoyed visiting with Dr. J. A. Wilson recently while he was on a speaking tour.
- G. ALLAN NELSON (BS '47) is a consultant now located at 207 Majestic Building in Denver.
- A. M. OLANDER (BS '48) has moved to Midland after spending 12 years on the Gulf Coast from Florida to Texas, continuing his duties as Seismic Computer with Humble Oil & Refining Company.
- JOHN OSMOND (BS '47) has completed 7 years as consulting geologist for Gulf Oil Company in Salt Lake City. He is currently President of the Rocky Mountain Section of AAPG.
- HOWARD W. PARKER (BS '49) is now a geologist for Inca Drilling Company in Midland.
- ROBERT J. PAXTON (BS '49) continues as a geologist for M. A. Machris in Midland. His family includes his wife and two year old daughter.
- C. G. PERCY (BS '48) reports he has "set the record for being a doodlebugger by living in Midland for the past 10 years," where he is a Seismic Computer for Humble Oil & Refining Company. They have three sons; the youngest, William David, was born on March 20, 1961.
- EDUARDO PFLUCKER (MA '45) is working for the International Petroleum Company, Ltd. in Talara, Peru, S.A. with John D. Tuohy.
- JACK PHILLIPS (BS '49) has recently been promoted to District Exploration Manager for Cities Service Southeastern District in Jackson, Mississippi.
- JACK L. PHILLIPS (BS '49) is an independent geologist in Gladewater, Texas.
- ROGER S. PLUMMER (BA '48, MA '49) is now Vice-President and General Manager for the Libyan American Oil Company in Benghazi, Libya. He reports as follows: "We have found two oil fields over here and think our prospects are pretty good."
- WILLIAM ALLEN POE (BS '48) is now a consulting geologist, having recently opened his own shop and reports he is working harder than ever now. His family are all well and happy.
- NEWTON J. RABENBURG, JR. (BS '45) is a Senior Geologist of special studies for the Standard Oil Company of Texas in Midland. They are enjoying their second stay in Midland, following a seven-year span in San Angelo. His family includes his wife, Juanelle, and son Don, who are both native to West Texas.
- CLYDE M. RASCOE (BS '49) is an independent geologist in San Angelo.
- CHARLES B. RENAUD (BS '49, MA '50) is a geologist and independent producer with offices in the Continental Life Building in Fort Worth. "Still promoting wildcats." They now have five children.
- ALICE KLEBERG (MRS. DICK) REYNOLDS (BA '49) is a housewife living in Austin with her husband and three children, Chuck, 10, Mike, 6, and Alice, 2. Her husband's firm recently bought out their partners, so it is now owned solely by her husband's brother, Ed Reynolds and himself. They enjoy seeing friends who return to Austin to visit.
- CECIL C. RIX (BS '49, MA '51, Ph.D. '53) is now Senior Geologist of Jersey Production Research in Tulsa, working in the field of oil occurrence and basin studies. He has been assigned to work with Esso Petroleum, Ltd. for a year beginning June 1, 1961, and he and his wife and their two children, Charles, 5, and Jane, 2 will be located in London.
- VIRGIL H. ROAN (BS '49) continues as a consulting geologist in Ardmore, Oklahoma. His family consists of his wife, Madeline, and their seven year old daughter, Darlynn. They have a sideline business of raising six Shetland ponies.
- CLEM H. ROBERTS (BS '49) continues as Division Geologist for Delta Drilling Company in Midland. They have added a son to their family, now making it a wife, three daughters, one son and three Collie dogs.
- JACK P. RODGERS (BS '46, MA '47) is an independent geologist in Midland.
- J. W. (BILL) RODGERS (BS '49) continues as Assistant Division Geophysicist for Texaco, Inc. in Midland. There was an increase in their family of a girl this year, making it two boys and two girls.
- WILLIE J. ROPER (BS '48) is now living in Kingman, Arizona. He is married and has two sons, ages 4 and 2, "expecting a daughter soon."
- MILT SCHOLL (BS '47, MA '48, instructor 1948-50) is "working on teacher certification at the University of Denver to teach general science in public school starting in the fall of 1961. Geologists willing to fulfill certification requirements will find many teaching opportunities; salaries in Colorado and California are much better than Texas."
- BARTH SCHORRE (BS '49) is now a Seismic Specialist living in Hattiesburg, Mississippi, working for Humble Oil & Refining Company.
- FREDERICK E. SCHULTZ (BS '47) continues as a geophysicist for Humble Oil & Refining Company.
- JOHN S. SHAMBAUGH (BS '49, MA '51) continues as sub-surface geologist for the Humble Oil & Refining Company in Corpus Christi. He, his wife and three daughters are now living at 410 Troy Drive in Corpus.
- WILLIAM K. SHELDON (BA '48) is a geologist for L. A. Nordan in San Antonio. He reports no changes since last year but says that he enjoys the news of other ex-students.
- COYLE E. SINGLETARY, JR. (BS '48, MA '52) is a geologist for Union Oil Company of California located in Roswell, New Mexico.
- J. W. SKRABANEK (BA '46) is a consulting geologist in Midland.
- JOYCE JONES (MRS. IRVINE F.) SMITHER (BA '46) reports that they have recently moved from Houston to Lufkin where her husband opened a ready-mix concrete plant. Their son, Robert, is now five years old. Their new home address is 313 House Street.
- FREDERICK C. SMYTHE (BS '47) is District Geologist for Sun Oil Company in Midland.
- FRED D. SPINDLE (BS '49) reports from Durango, Colorado, that he remains District Geologist for Ohio Oil Company with the "same wife, same two children, same dog and unfortunately the same oil reserves as last year."
- JORDAN F. STANFORD (BS '49) is now an independent geologist in the Oil Industries Building in Corpus Christi.
- HERBERT M. STANLEY, JR. (BS '49) is a geologist for the Atlantic Refining Company in Tyler. His first child, Eileen Marie was born on January 18, 1961.
- FRANK L. STAPLIN (BS '49, MA '50) is a Research Geologist-Paleobotanist for Imperial Oil, Ltd. in Calgary, Alberta. Frank received his Ph.D. in 1953 from the University of Illinois. "Publications of Upper Mississippian plant spores, Upper Devonian microplankton, palynological techniques and Montana-Alberta correlations during 1960-61." He also has a paper in press on fresh water ostracodes. He reports two new additions to the family in April, 1960—Sean Lynn and Sioban.
- WILFORD LEE STAPP (MA '46) is Chief Geologist for Phillips Drilling Corporation in San Antonio.
- HARRY R. STENSON (BS '49) is still affiliated with Creole Petroleum Corporation in Caracas, Venezuela, as Senior Seismic Interpreter and states that he is "looking forward to receiving the new edition of the Newsletter."
- WENDELL J. STEWART (BS '49) remains as Division Stratigrapher and Paleontologist for Texaco, Inc. in Midland. He is preparing a paper on new fusulinids.
- HARRY H. TANAKA (MA '48) is a geologist at Norman, Oklahoma.
- JAMES B. TARTT (BS '48) continues with

- Robert W. Harrison and Company as a consulting geologist in Houston.
- GEORGE WOODS TAYLOR (BA '49) continues as a Tax Evaluation Geologist living in Bellaire, Texas. George and his wife, Martha (BS Home Ec. '48) have a son, George Holt, 10, and a daughter Janette, 8.
- BILLY D. THOMAS (BS '49) is a Senior Engineer for the Railroad Commission of Texas in Austin.
- L. R. TRAVIS, JR. (BA '48) is a geophysicist with Humble Oil & Refining Company in Houston.
- RICHARD TRAVIS (BS '48) continues in his partnership with Travis Oil Company in Los Angeles.
- G. GILBERT RUBB (BA '46) is a Senior Exploration Geologist for Mobil Oil Company in Houston.
- JOHN T. TWINING (BS '48, MA '54) is a stratigrapher for the Shell Oil Company in Corpus Christi.
- L. J. TYDLASKA (BA '49, MA '51) is a Senior Geologist for the Pan American Petroleum Corporation in Lafayette, Louisiana.
- R. B. (BOB) VICKERS (BS '47) is District Geologist for T. P. Coal and Oil Company in Abilene.
- GEORGE P. WALKER, JR. (BS '48) continues as a geologist for Flaitz and Mitchell and reports "same wife, Susie, and same kids, Pat, 8, and Mary Lou, 3."
- L. COY WARREN (BS '48) is an independent geologist in Abilene.
- O. D. WEAVER (MA '46) is President of the Weaver Oil and Gas Corporation in Fort Worth. The Corporation was formed in January, 1961 and operates primarily in Pennsylvania, New York and W. Virginia with offices in Pittsburgh, Rochester and Fort Worth. Their primary interest is shallow gas in these states. Joe B. Chamar (BS '60) is geologist in charge of Rochester office. O. D. received his Ph.D. at the University of Oklahoma in 1952.
- CHARLES WEINER (BA '48) is still prospecting for oil and gas as a partner in Texas Crude Oil Company in Midland. He wrote that "Anita and kids have discovered what I always knew: West Texas is the most wonderful state of mind there is."
- JAMES A. WHEELER (BA '47) is a consulting geologist in Houston living at 4114 Merrick Drive, and he says they would welcome a visit from old friends. The family is all fine; both girls are growing up too fast.
- JANE DUNKIE (Mrs. J. E., Jr.) WHITE (BA '46) reports in as a "domatologist" from Marfa, Texas. "Jim is ranching, still raising both commercial and registered Herefords. Interest in exploration for oil has arisen in this area as Mobil has just drilled without luck on the Cienegita Ranch south of Marfa which is owned by J. E. White and Sons—I'm still optimistic about this area!"
- FRANK M. WHITTINGTON (BS '49) is Vice-President of Bentsen-Whittington Oil Company in the First National Bank Building in McAllen, Texas. He reports he would enjoy hearing from all classmates when they have the opportunity to come to the "Magic Valley." They are "still searching for oil and gas fields which seem to be so elusive." His family includes three sons.
- SAMUEL ROGERS WILEY (BS '47, MA '48) is a geologist with offices in the Petroleum Tower in Shreveport.
- WILLIAM H. YOUNG (BS '49) is a consulting geologist in Littleton, Colorado, having opened an office at 608 Patterson Building in Denver. He reports that he has acquired some oil production in the area. His family still consists of one boy and two girls.
- E. R. YOUNGBLOOD, JR. (BS '46) continues as a Landman for Sun Oil Company in Lafayette, Louisiana. He states he is "still buying the leases for the geologists to drill dry holes."

1950-1954

- G. BAXTER ADAMS, JR. (BS '51, MA '53) continues as Division Geologist for Shell Oil Company in Houston.
- JIM W. ADAMS (BS '51) is a geologist in Midland. He reports that "one of the best in quality, and poorest in attendance of the West Texas Geological Society Programs of the year was Blackjack Wilson's AAPG Distinguished Lecture paper concerning certain principles of stratigraphy. At least all of Dr. Jack's former girl students were present and he was ably introduced by his fellow bone-polisher, Glen Evans. It was a good evening for all the alums who consider Blackjack one of the best 'Oxford scholars'."
- W. H. (BILL) ADAMSON, JR. (BS '51) is a geophysicist for Dawson Geophysical Company in Midland. Bill reports a new boss in the family, Nancy Ann, born September 25, 1959.
- JAMES W. ALEWINE (BS '50) continues as a Senior Geologist for Sinclair Oil and Gas Company in Houston.
- EDWIN ALLDAY (BS '51, MA '53) is an independent geologist with offices in the First City National Bank Building in Houston.
- E. D. ANTHONY, JR. (BS '50) is a geologist for Sun Oil Company in Amarillo.
- EDGAR P. ARMSTRONG, JR. (BS '51) continues as a geologist for Western Natural Gas Company in Midland.
- ROBERT N. ARRINGTON (BS '51, MA '54) reports from Jackson, Mississippi where he is a geologist for Continental Oil Company.
- DICK E. ATCHISON (BS '53, MA '54) is a geologist for the Ohio Oil Company in Bakersfield, California. He reports "same state, same job, same town, same slob, same kids, same wife, a little older; but that is life!"
- A. C. BAKER (BS '51) continues as an independent geologist in Wichita Falls. He has a new boy, Dana Blair, born January 17, 1961, so the family now consists of two girls and a boy. "You will notice that the two names given our new boy are two Ex-Texas football coaches. How "Texas-exey" can you get?"
- CHARLES M. BAKER (BS '51) is a Senior Geologist for Continental Oil Company in Corpus Christi. Their new baby girl, Laurie, born October 12, 1960, "is a beautiful, intelligent young lady!"
- W. F. BAKER (BS '51) is District Geologist for the Shamrock Oil & Gas Company in Amarillo. He and Virginia now have four sons, all prospective "Longhorns."
- JAMES H. BARNETT (BS '53) is a petroleum engineer in Houston.
- WILLIAM B. BARNHILL (MA '50) continues as a consulting geologist in Roswell, New Mexico. His wife and three children are all doing fine.
- ELLWOOD T. BARRETT (BS '54) is a Senior Geologist for Texas Gas Transmission Corporation in Houston, working reserve studies for gas projects primarily in south Louisiana fields. His family includes a girl, 6, and a boy, 3.
- BENJAMIN L. BARROW (BS '51) is working in the Aquaness Department of the Atlas Power Company as a treating chemical salesman in Houston, destined for West Texas. He has returned from Brazil and married.
- WILLIAM E. BASSINGER (BS '51) is a geophysicist for the offshore area for Pure Oil Company in Houston.
- PATRICK S. BEAIRD (BS '52) is self-employed as a petroleum geologist with offices in the Denver Club Building working on oil and gas properties. He moved to Denver in 1955 and became an independent geologist in February 1956, having been active in exploration and leasing for the past five years throughout the Rocky Mountain region. He is married and has three daughters.
- R. E. BEATTY, JR. (BA, BS '51) is District Engineer for the Railroad Commission of Texas, Oil and Gas Division in Houston. He and his family are presently residing at 6809 Edgemoor Drive in Houston.
- JACK N. BERKLEY (BS '50) is working in Houston. He married "a Tennessee trotter and is expecting a legacy in September."
- DON G. BILBREY (BS '53, MA '57) is a petroleum engineer for Gulf Oil Company located in Hobbs, New Mexico. He was transferred from the Reservoir Engineering Section in Roswell to the Hobbs office in January, 1961. Don is still single.
- WILLIAM T. BISKAMP (BS '54) is a geologist

- for Humble Oil & Refining Company in Eugene, Oregon. "Wife and four boys still enjoying scenic Oregon."
- WILLIAM D. BLANKENSHIP** (MA '52) is a consulting geologist in Denver after spending two years in the Philippines as a consultant to a Philippine oil company that had roughly 1¼ million acres of concessions to explore. They have a boy 8, and a girl 5.
- BILLY H. BOGGS** (BS '54) is a partner in the Boggs-Magee Well Service in Pecos, Texas. He is married and has two children, Barbara, 3, and James Green, 1.
- GERALD PAT BOLDEN** (BS '51) is a geologist for Shell Oil Company in Midland. He has been working the Palo Duro Basin and Mator Arch provinces. "Craig is now 12 and Kathy is 9 years old."
- DOUGLAS T. BOSTWICK** (MA '53) has worked for Humble Oil & Refining Company as a subsurface geologist for the past eight years. He is still located at Hattiesburg, Mississippi.
- SOUTHERN BOWER** (BS '50) is a sales engineer for Magcober in Bay City, Texas.
- WALTER A. BOYD, JR.** (BS '53) remains with the Columbia Gas System as a geologist in Houston. "We now number 3½."
- DAVID BOZEMAN** (BS '51) remains with the Sohio Petroleum Company as a geologist in Oklahoma City. He is still working the Gulf Coast mostly from the Indian territory. His family remains "one wife and two sons."
- JOHN P. (OLE JOHN) BRAND** (Ph.D. '52) continues as a Professor of Geology of Texas Tech. "EAT EM UP RAIDERS." Still have one wife, Charlotte, one boy, John and one dog. Congratulations to UT on Jack Wilson's excellent contribution to the AAPG Distinguished Lecture tour."
- TOM BREEDLOVE** (BS '54) and **BETTY GIESE BREEDLOVE** (BS '54). Tom is Associate Geologist for the Ohio Oil Company in San Antonio and South Texas Area School Chairman. He and Betty reside at 463 Saratoga where Betty continues her duties as housewife.
- WILLIAM MOORE BRELSFORD** (BA '53, LLB '56) is an independent oil operator with offices in the Bryant Petroleum Building in Tyler.
- R. P. BREWER** (BS '52) is a Petroleum Engineer in the Monterey Division of the Humble Oil & Refining Company in Midland.
- D. R. BROGDON** (BS '53, MA '54) continues as a geologist for the Ohio Oil Company in Tyler.
- RICHMOND LEE BRONAUCH** (MA '50) continues as an Assistant Professor of Geology at Baylor University in Waco. His wife, Hope, is teaching two beginning courses in German at Baylor; their son, Mitchell, is a junior at Baylor. Their daughter, Patricia is a junior in high school. This summer Patricia is planning to visit Europe with her aunt and uncle, the James L. Shepards. "Mrs. Shepard (Patricia Drake) taught German at The University of Texas during the 40's."
- FRANK I. BROONER** (BS '51) writes that after seven years with the majors, including Lion Oil Company and Union Oil Company of California, he has finally joined the ranks of the independents, and is now Vice-President and Chief Geologist for Delray Oil, Inc. in San Antonio. "The family has now grown to four children so it's obvious that I've been busy since graduation."
- NOEL K. BROWN, JR.** (BA '49, MA '52) is a paleontologist for Humble Oil & Refining Company, having finally returned to Texas, now living in Houston.
- WILTON J. BROWN** (MA '53) is a consulting geologist at San Angelo, Texas. He reports he is "hunting reefs and teaching the night course at San Angelo College. We are trying to get a four year college; looks hopeful."
- GEORGE S. BROWNELL, JR.** (BS '52) is working as a geologist-geophysicist for the Perry R. Bass Oil Company in Fort Worth.
- WALLACE E. BRUNSON** (BS '42, MA '54) continues as a geologist for the Pan American Petroleum Corporation in Lubbock, Texas.
- CLAUDE M. BURNETT** (BS '51) continues as a geologist for Dilworth S. Hager in Dallas.
- WILLIAM M. BURNETT** (BS '50) is a geologist for Sunray Mid-Continent Oil Company in Casper, Wyoming. "Still have one wife and two children and still (unsuccessfully) looking for oil in Montana."
- BILL C. BUTLER** (BS '53) is a geologist in Durango, Colorado. He married a Colorado girl and they now have two daughters.
- LEON G. BYERLEY, JR.** (BS '52) is an independent geologist in Midland. Leon worked approximately eight years as a geologist for the Honolulu Oil Corporation in Midland. He terminated employment with them in August, 1960 in order to carry on his late father's oil business and practice geology as an independent with an office at 507 Gulf Building in Midland. He married a UT ex, Betty Miller, and they now have two sons and a daughter.
- WARREN J. CAGE, JR.** (BS '50) continues as a geologist for Gulf Oil Company in Corpus Christi.
- DONALD M. CAMPBELL** (BA '54) continues as a computer for Seismic Exploration, Inc. in Pecos, Texas.
- A. T. CARLETON** (BS '51, MA '52) became a geological consultant in Midland the first of this year. They were "expecting their third daughter in May."
- JACK C. CARTWRIGHT** (BS '51, MA '55) has been living in Lubbock since March 1960 where he is a Senior Geologist for the Pan American Petroleum Corporation. Previously they had spent 2½ years in Fort Worth where he was on the Division Consulting Staff. His family includes his wife and three daughters.
- ALAN M. CASSELL** (BS '54) is a subsurface geologist in south Louisiana for Humble Oil & Refining Company in New Orleans. They have a daughter, Lynn Elizabeth, born in November 1960, making one boy and one girl.
- DONALD E. CAUSEY** (BS '51) remains Assistant Division Geologist for the Honolulu Oil Corporation in Midland.
- WILLIAM D. CHANDLER** (BS '51) continues in Dallas as Area Geologist for Standard Oil Company of Texas. He and his wife, Kathy, and their children, Bill, 7, and Lynn, 5, live at 7334 Wake Forest in Dallas.
- ROBERT L. CHILDS** (BS '53) is a District Sales Engineer for Dowell in Houston.
- ARTHUR L. COCHRUM** (MA '52) is working as Regional Subsurface Geologist for Humble Oil & Refining Company in Tyler. Their four children are 3 boys, ages 3, 6, and 7½ and one girl, 5, all doing fine.
- R. R. COCKE** (MA '51) continues as a consultant in Corsicana.
- JERRY H. COLLINS** (BA '53 (BS '54) continues as a geophysicist for Sinclair Oil and Gas Company in Roswell, New Mexico. "We are now sporting four prospective UT students, the last being Laura Ann, born May 24, 1960. We still miss UT and Austin and still wish to be on the 'right side' of the state line."
- BILL C. COTNER** (BS '53) remains in Midland as a geologist.
- RELMON E. COTTEN** (BS '54) is now employed as District Geologist by the Vaughn Petroleum Company in the Saratog Building in New Orleans. They have a new baby girl, born on September 9, 1960.
- WEYMAN W. CRAWFORD** (BS '50) is a geologist with offices in the Bank of the Southwest in Houston.
- WILLIAM R. CREE** (BS '52) remains a partner in the Cree Companies, living in Abilene.
- JAMES R. (BOB) CROW** (BS '50) is now President of Petroleum Operations, a new petroleum engineering and geological consulting firm incorporated in January 1961. Bob and his wife, Frances Jean, and their four daughters are now residing at 406 Walnut Street in New Orleans.
- MAX M. CRUNK, JR.** (BS '51) is Production Superintendent for Amtexas Oil Corporation in Midland. Max, his wife Kathryn, and their three year old daughter, Kathy, are planning a vacation in Colorado this summer. "I'm busy drilling wells in West Texas and the Panhandle."
- LANDON CURRY** (BS '50) continues as a partner with Easley and Curry in the Oil Industries Building in Corpus Christi. "No change—finding enough production to feed a wife, Connie, and two children, Landy and Frankie Ann."
- DAVID K. CURTICE** (BA '53) is a geologist for

- Southwest Research Institute in San Antonio.
- HARRIS P. DARCY (BS '51) is an independent geologist with offices at 410 South Coast Building in Houston.
- B. C. G. DAVIS (BA '50) is a petroleum geologist for Texaco, Inc. living at 5102 Belmont Street in Houston.
- MORGAN J. DAVIS, JR. (MA '53) is now a geologist for Humble Oil & Refining Company in Denver. He formerly worked as a geologist for International Petroleum Company, Ltd. in Talara, Peru, and this is the first time in five years he has lived in the States.
- JOHN L. DELLINGER, JR. (graduate work, 1950-51) is a Reservoir Geologist in New Orleans. Since leaving Austin he has increased his family by two girls in Colorado and two boys in New Orleans. "My wife, Pat and I were forced to design our own house to hold the brood and attached pets. Am now drawing plans for a 'do-it-yourself' swimming pool."
- THE REV. LANE DENSON, II (BS '49, MA '50) is the Episcopal Chaplain at Rice University and Texas Medical Center with offices at 6265 Main in Houston. In 1960 he became a Fellow of the College of Preachers, Washington, D.C., doing a paper on "The Church and Academic Freedom." They have added a new son to their family, Scott Thomas, born on April 29, 1960.
- LANE P. DIXON (BS '53) is a Production Geologist for Humble Oil & Refining Company now located in Andrews, Texas. He is the proud father of a new daughter.
- BOB DONEGAN (1948-52) is a geologist for Coral Oil and Gas Company in Albuquerque, New Mexico.
- GENE C. DOTY (BS '54) continues with the U.S. Geological Survey Ground Water Branch in Albuquerque, New Mexico. He reports his wife and two sons are well and happy.
- LARRY DOYLE (BS '50) is Associate Professor in the Department of Geology at St. Mary's University in San Antonio and Research Affiliate of the University of Illinois, as well as on the Illinois State Geological Survey during the summer.
- BILL M. DOYLE (BS '52) is an independent geologist in San Antonio with offices in the Alamo National Building.
- JOHN DU MONT (BS '50) is an independent geologist in Abilene. They report a new son, John Walter.
- DON DUNBAR, JR. (BS '51) is now Vice-President of the Dunbar Corporation in Abilene. Don reports he is still watching the stratigraphic traps in 7-B from grass roots to granite, betting on which way the paleo-creek went and currently searching the literature to learn about the life and times in those old crinoid apartments and the locations of same. The family includes wife, Judy, and Don G., III, 2½, and Douglas M., 1. "Coffee pot in the office at First National Bank Building—Drop in all."
- D. JAMES EDSON, JR. (MA '51) is now a student minister and consulting geologist in Oberlin, Ohio. He moved to Oberlin in September 1960 and is about to complete his first year as a student at the Oberlin Graduate School of Theology for the B.D. degree. He was licensed into Congregational Church ministry on October 16, 1960 and has done supply preaching most of the time since. "Probably will confine geology to vacations and summers until I finish here in a couple of years."
- JACQUES LEE ELBEL (BS '54) is with Dowell-Schlumberger in Paris. He married Suzanne Brow of Tulsa, Oklahoma on November 5, 1960 and she has joined him for his two year tour of duty in Iran, Iraq and Turkey.
- JAMES R. (JIM) ELLIOTT, JR. (BS '50) is an independent geologist and oil operator in Abilene with offices in the First National Bank Building.
- DORMAN N. FARMER (BS '50) is District Geologist for Wayne Petroleum Company in Abilene. "Wayne Petroleum is still drilling, in spite of slowness of oil industry." His family is all doing fine.
- WILEY R. FEIST (BS '50) continues as Seismic Computer for Humble Oil & Refining Company in New Orleans. He and his wife, Peggy Walton Feist, have two children, Melissa and John, ages 5 and 3, living at 1701 Riviera Ave., in Metairie, Louisiana.
- WALTER M. FITZGERALD, JR. (BS '55) married Martha Mallory on March 25, 1961. He is now working for Pleasure Acres, Inc. as geologist and invites you all to "bring your oil deals and fishing poles."
- TERENCE B. FLANAGAN (BS '51) is Project Geophysicist in Houston, Texas.
- HERMAN H. FORBES, JR. (BS '50) is an engineer in the General Land Office in Austin. He and his wife, Connie, have one boy and four girls. "Just received a nannie goat—now have less grass to mow."
- R. L. FOREE, JR. (BA '51) continues as Vice-President of Foree Drilling Company in the National Bank Building in Dallas.
- BRUCE K. FRAZEE (BS '52) remains a geologist with Ohio Oil Company in Corpus Christi.
- JACK FRIZZELL (BS '50) continues as an Engineer for Allison & Prestridge in Abilene. "Family growing in age only. The Abilene geologists enjoyed Jack Wilson's lecture."
- FRANK J. FUQUA (MA '51) is a geologist for Humble Oil & Refining Company in Houston.
- P. STEPHEN FUQUA (BS '51) continues as a geologist with C. L. Norsworth, Jr. in the Republic National Bank Building in Dallas.
- W. L. FURCHE (BS '51) is now a geologist for Fred L. Oliver and Associates in Midland. "Come by and visit us."
- ROBERT A. GARDNER, JR. (BS '50) is a geologist in Houston. He is the father of a five year old daughter and a one year old son.
- FRED W. GEISENDORFF (BS '54) continues as a Scout for Humble Oil & Refining Company in Hattiesburg, Mississippi. Their new baby girl arrived on January 5, 1961 "bad planning"). They now have two girls and one boy.
- RALPH GIANNONE (BS '50, MA '51) is an independent geologist in Midland.
- FRED MARION GIBSON (BA '51) is an Assistant Underwriter for the Austin Life Insurance Company in Austin.
- SAM J. GIDDENS (BS '51) remains Vice-President of B. & J. Development Inc. in Evansville, Indiana. He reports a new baby girl, Sally, born on May 17, 1960.
- EDWIN F. GILBERT (BS '52) is an independent geologist with offices in the Bank of the Southwest in Houston and he states he is "still single."
- LOUIS DE A. GIMBREDE (MA '51) continues as Assistant Professor of Geology at Southwestern Louisiana Institute in Lafayette, Louisiana. He completed his work and research for his Ph.D. from LSU in January 1961. "Family is in usual excellent health. All looking forward to a fine season of house boat business on the St. Lawrence this summer."
- GEOGRE S. GLAZENER (BA '50) continues as Staff Geophysicist for Sun Ray Mid-Continent Oil Company in Midland.
- W. LEONARD GOODE (BS '53) continues as a geologist with Oasis Oil Company of Libya in Tripoli, Libya. He, Louise, and their sons, William and Rickey, think Libya is the biggest sand pile in the world and really are enjoying their stay there.
- J. E. GORDON, JR. (MA '51) continues as a geologist for Southern Minerals Corporation in Corpus Christi.
- DONALD M. GRAY (BS '51, MA '53) continues as a subsurface geologist for Shell Oil Company in Corpus Christi.
- LESLIE L. GREENFIELD (BS '54, MA '57) was promoted to District Geologist in December 1960 in the Houston District Office of the Lion Oil Company in the area of exploration on the Texas Gulf Coast. He and Ruth have two boys, Ahlon and Ron, both doing fine.
- W. A. (BILL) HALAMICEK, JR. (MA '51) is now a geologist for the California Oil Company in Oklahoma City.
- THOMAS J. HALBOUTY (BS '54) is now Production Engineer for Sun Oil Company in Beaumont.
- CURRY W. HALL (BS '54) continues as District Geologist for Trice Production Company in Lafayette, Louisiana. Their son is now 2½ years old. They are hoping to get to Austin on vacation.

- WARD L. HALL (BS '50, MA '52) continues as Senior Geologist for Sinclair Oil and Gas Company in Ardmore, Oklahoma.
- C. CLYDE HAMBLIN (BS '50) remains District Landman for Tenneco Oil Company in Midland. His son, George, is a sophomore in high school this year.
- JOHN W. HAMPTON, JR. (BS '53) is a geologist in the First National Bank Building in Wichita Falls. Their new daughter, Katherine Lee, was born on November 6, 1960.
- J. L. (BILL) HARMON (BS '52) is Production Engineer for Connally Oil Company in Abilene.
- J. RICHARD HARRIS (BS '53, MA '57) is an evaluation geologist for Ralph E. Davis Associates with offices in the Esperson Building in Houston. He states that they are a geological consulting firm doing business throughout the U.S. and Canada, and he has done a good bit of traveling, making several side trips to famous geological sites. He is "enjoying geology more every day."
- HUBERT J. HARRISON (BS '52, MA '57) is an independent geologist with offices in the Oil Industries Building in Corpus Christi.
- ALBERT E. HARTWIG (MA '52) is now with Humble Oil & Refining Company in Houston. "After 2½ years in Alaska, we've been transferred back to the Southwest. It's sure going to be hot this summer!"
- LAURENCE H. HAWKES (BS '51) continues as subsurface geologist for Sinclair Oil and Gas Company in Amarillo. "The family and I think Amarillo is a swell place to live. Have been busy—with Sinclair planning to drill over 20 wells in the Texas Panhandle for 1961-62."
- HUGH HAY-ROE (MA '51, Ph.D. '57) remains with Jersey Research as a Research Geologist in Tulsa where he has been working on the Tulsa Geological Society's Committee on Earth Science Education giving geology talks to both junior and senior high school science classes. He reports the arrival of their second son, Neil, on November 17, 1960. Some of the recent visitors have been Charlie Ellis ('57), Terry Bills ('57), Tim Thames ('57), and J. S. Pittman. Hugh is an excellent correspondent who keeps the department well informed on his activities and ideas and the activities of many other Exes. The UT Geology Faculty is keenly appreciative.
- EDWARD FABRA HAYE (BS '57) remains President of Photogravity Company, Inc. in Houston. He and his wife, Janice Thomas (BFA in Radio in 1951), are residing at 4526 Sunburst in Bellaire with their two daughters, Ellen Louise, 2 years, and Paula Ann, 5 months.
- JOHN E. HEARN (BS '52) remains a geologist for Aluminum Company of America in Houston.
- THOMAS B. HENDERSON, JR. (1952-53) is now a geologist for Humble Oil & Refining Com-
- pany with offices in the Wilson Tower Building in Corpus Christi.
- HAROLD T. HENSLEE (BS '50) continues as Division Exploration Geologist for Phillips Petroleum Company in Amarillo. They have been living in Amarillo for the past 11 years, ever since graduation, and now have two children, Mark and Janice, ages 11 and 8.
- JAMES G. HERBLIN (BS '52) reports from Bakersfield, California where he is a geologist. Their new daughter, Amy, was born on April 20th and their other two children are Karen, 4, and Jim, 3.
- EDWARD R. HEWITT (MA '51) remains a geologist for Rockefeller Brothers, Inc. in New York. Their second boy was born in November 1960, evening up the tally of 2 girls and 2 boys. He is now looking into mining deals as well as oil plays.
- BILL D. HOLLAND (BS '54) reports from Midland where he is continuing his duties as a Production Geologist for Humble Oil & Refining Company. No change in family status.
- CARLTON W. HORNBECK (BS '53) is a geologist and Manager of Office Exploration in Alice, concentrating on gas exploration "since the oil business is being imported and 8-dayed out of the saddle." He reports three lovely daughters, Becky, 7; Susy, 5; and Cindy, 2. He states that "several operators have come into this southwestern Texas and Gulf Coast area in the past year from the West, West Central and North Texas Areas. Some have settled in Alice since it is a friendly town and centrally located for oil and gas operations."
- JACK M. HOWARD (BS '51) after ten years and eleven moves is now a geologist in the General Land Office in Austin, "enjoying the Highlands and fresh water around the Capital City."
- ED W. HUCHSTON (MA '50) is affiliated with Diversa, Inc. of Dallas as Chief Geologist. He has been in Dallas for the past two years after spending the previous nine years in Corpus Christi. Their family now includes three boys, ages, 9, 7, and 3.
- HENRY RICHARD HUMBLE (BS '53) is a geologist for the Ohio Oil Company in Midland. Their daughter, Mary Carolyn, was born on May 25, 1960.
- JOE A. HYBNER (BS '52) is a geologist for the Republic Natural Gas Company in Corpus Christi. Their family now consists of "four girls and a few tropical fish."
- OTIS L. JAMES, JR. (MA '52) reports he is still single and is an independent geologist in Gainesville, Texas.
- WALTER M. JARRELL, JR. (BA '54) is a freshman at the UT Dental School and is "still single."
- WILLIAM A. JENKINS, JR. (Ph.D. '52) is Geological Section Supervisor in the Field Re-
- search Laboratories of Socony Mobil Oil Company, Inc. in Dallas.
- NORMAN JENNINGS (BS '52) is in Production Geology at Humble's Tomball District Office in Tomball, Texas. Their family is now living at 803 Hufsmith Road in Tomball and they report the addition of a son, Randal Alan, born on October 7, 1960.
- NANCY JENSWOLD (MRS. JACK G.) JOHNSON (BA '50) reports that they are living in a new home at 9711 Holloway in Dallas. They have two acres of ground and lots of trees to keep them busy. She reports that their son, Mark, 6, shows signs of being a rock hound and their daughter, Nancy Gail, 16 months, "keeps mother from doing anything constructive." Her husband, Jack is a partner in the Dallas law firm of Carrington, Johnson, and Stephens.
- ROBERT C. JOEKEL (BA '54) is resident engineer of Dowell Schlumberger in Hanover, Germany. Their family is the same as before—one son.
- WILLIAM JAMES JOHN (BA '50) is now a consulting geologist in the First National Bank Building in Abilene.
- MORRIS LEE JOHNSON (BS '50) has changed employers from the Pontiac Refining Corporation in Corpus Christi to the Plymouth Oil Company in Sinton, Texas. Their children now number four with 2 boys and 2 girls, "evening up the battle of the sexes."
- CHARLES E. JONES (BS '51) has been promoted to District Superintendent of the Salt Creek Field Unit of General Crude Oil Company, living in Clairmont, Texas. They are working on a pressure maintenance project in Kent County, Texas at the present time. Their family includes two sons, Bob and Chuck.
- CHARLES R. JONES (BS '50) was promoted to District Development Geologist with Cities Service Petroleum Company on December 7, 1960, in Midland.
- JAMES D. KALLINA (BS '53) continues as Party Chief Seismologist for Petty Geophysical Engineering Company of San Antonio, doing exploration work in Gulf Coast, South Texas, West Texas and Rocky Mountain area. He is married and has two children; expecting the third at any time.
- JOHN KECLEY (BS '51) remains a geologist for the Union Producing Company now located in Houston.
- RICHARD A. KENNEDY (BS '53) is a geologist-hydrologist consultant in El Paso, Texas. Richard, his wife, Ursula, and their five children have just returned from a year in West Pakistan where he has been working on the Indus River Basin Project, with main offices in Lahore, Pakistan. On their way home, they spent ten days each in New Delhi, Bangkok, Hong Kong, Tokyo, Honolulu and Los Angeles.
- JACK (JOHN) R. KENNEY, JR. (BS '51) is President of the Kenney Tank Company

- and President of the Plewke Oil Equipment Company in Morton Grove, Illinois. "Closest exposure to geology in the past year was glacial pebble gathering on a field trip seminar conducted for my three little women (Janet, 4; Carolyn, 1½; and Madelyn, perpetual 29) at the Lake Michigan beach. Expect other field trips in my backyard soon, digging holes in top soil (Recent) to plant a hedge to keep neighbor's children out—he's an Aggie. Nuf said!"
- GEORGE L. KEPRTA (BS '52) is employed by the Lion Oil Company as a subsurface geologist in the Houston District. He is expecting an addition to the family sometime this summer.
- DAVID GARLAND KOPPEL (BS '50) after 11 years left the oil business, and he is now partner in Delta Interests, a business dealing with insurance, real estate and promoting apartment houses in Oklahoma City. "Enjoying my work, but miss getting down to Texas very much. If any of the troops move up here, look me up and I'll help them find a house."
- TED B. LACAFF, JR. (BS '50) is the General Manager for the Texas American Oil Company in Midland. Ted has been with TAO for the past two years and spent 14 weeks last summer in Australia doing a little geology and "sipping a little 'Aussie' beer for myself."
- FREDDA BULLARD LACKMAN (MA '51) continues as a geologist for the Lone Star Gas Company in Dallas. She attended the International Geological Congress in Copenhagen last August.
- BILL LACY (BS '50) has been an independent consultant since February, 1960 and really is enjoying his work. His new offices are located at 3015 Milam in Houston.
- LEON M. LAMPERT (MA '53) continues as a geologist for Dalport Oil Corporation in Dallas. Their "ever expanding family" has a new addition as of November 13, 1960, Ellen Nan.
- KENT E. LAUCHERY (BS '53) is with the Baroid Division of National Lead in Houston. He is married and has four children, with a new addition expected in August. Kent was in the office for a visit in April, when he told us about his experiences in mining geology, including a recent stay in Argentina.
- JOHN EARLE LAWLESS (BS '51) continues as District Geologist for Geochemical Surveys in Abilene. He reports he and his family are "world travelers."
- JOHNNY G. LAY (BA '53) is an analyst for Geotechnical Corporation of Dallas with his office in Laramie, Wyoming. "In my spare time I am attending the University of Wyoming, studying law, skiing, raising a family and working in Democratic Party politics. Ginnie and I are glad to see that the fellow alumni helped Texas to vote the right way and to join the New Frontier! Wyoming geologists are mostly unemployed and new graduates are not finding work either. Both the oil and mining industries are depressed and show little signs of recovery in this area. I hope Texas is better off!"
- H. LOUIS LEE, JR. (BS '54, MA '58) is doing subsurface geology in the Midland Basin for Pure Oil Company out of the Midland office.
- GILBERT WARREN LEVE (MA '52) is a geologist for the U. S. Geological Survey now located in Jacksonville, Florida. He reports that they have just about become natives of Florida after five years there and are in no hurry to return to Texas. "Ground water geology is very interesting and pertinent work."
- SAMUEL LEVIN (BS '50, MA '52) is now a subsurface geologist for Humble Oil & Refining Company in New Orleans. He and Shirley now have three sons, Jonathan 7; Robert 5, and David 1.
- QUON D. LEW (BS '51, LLB '60) is an attorney at law in the International Building in San Antonio and reports "still single and happy."
- DEAN L. LEYERLY (BS '50) continues as Special Representative for Hughes Tool Company in Farmington, New Mexico. He reports that his wife, Margy, and daughters, Dana Sue and JoDean, are doing fine.
- J. K. LILES (BS '50) continues as District Manager for Lone Star Producing Company in Lafayette, Louisiana. "Frances and the three children are all doing fine—liking the 'Cajun' country of South Louisiana more each year."
- RUSSELL LILLY (BS '53) continues as geologist with Shell Oil Company in Oklahoma City. They are enjoying the "hospitality of Oklahoma City for the third time in six years."
- ALLEN C. LOCKLIN (BS '54) reports from Tyler, Texas where he and Wade Ridley are partners in the Exploration and Consulting business. Their family now includes his wife, Nancy, son Chris, 4½, and daughter Lee Ann, 1½.
- LADDIE F. LONG (BS '52) is a geologist for the Lion Oil Company in Midland.
- H. C. LUTHER (BS '50) after nine years in Snyder as Production Geologist has been transferred to Houston as Subsurface Geologist in the Southern Exploration Division of the Standard Oil Company.
- CHARLES JOHN MANKIN (BS '54, MA '55, Ph.D. '58) continues as Assistant Professor of Geology in the University of Oklahoma in Norman. He and Mildred have a new daughter, Helen Frances, born November 1960, as well as Sally, now age 3. He reports "I'm currently engaged in missionary work in Okieland. That is, spreading Krynine's and Folk's gospel with Mankin flavoring on sedimentary rocks to the heathen."
- EDWARD MARKS (MA '50) continues as a paleontologist for Union Oil Company of California in Houston. He reports "Irene is working at the Houston Chronicle Library. I'm trying to work up some type localities for the type locality project of the Gulf Coast section of the Society of Economic Paleontology and Mineralogy. I'm treasurer this year for the GCS-SEPM. On the job, working on wells in the Oligocene-Miocene of southwestern Louisiana."
- RONALD J. MARR (BS '52, MA '56) is a geologist with the Continental Oil Company in New Orleans.
- SABIN WILLIAM MARSHALL (BS '52) continues as a geologist for the Houston Pipeline Company in Houston. On July 25, 1959 he married Mary F. Haugh and on April 15, 1960 a son was born, David S. Marshall. He says that on August 23, 1961, a son will be born, Brian P. Marshall.
- LOUIS M. MARTINEZ (BS '54) is a geologist for the Pauley Pan-American Petroleum Company in McAllen, Texas. He announced he was getting married April 30th, "which is the best and only news I can offer at this time!"
- PAUL R. MAYO (BS '50) is an independent geologist with offices in the First National Bank Building in Wichita Falls. He is married and has a son 8 and a daughter 4.
- ROBERT L. MCBROOM (BA '51) was associated for the past 5½ years with Carl T. Anderson as geologist and Vice-President of Carl T. Anderson, Inc. He resigned on April 1st to enter business as an independent geologist in Wichita Falls. His wife, the former Mary Lou Kendrick, and three sons are all fine. He is President for this coming year of the Ex-students association in Wichita Falls.
- JEREMIAH F. (JERRY) MCCARTHY (MA '53) continues as a geologist for Brown and Thorpe Oil Company in McCamey, Texas. Their first child, Tony, was born on Oct. 30, 1960. They plan to leave McCamey in June 1961 to live in Midland. "Hello to everyone!"
- W. B. MCCARTER, JR (BS '51) is an independent geologist in New Orleans. They have three girls.
- EDWARD F. MCGEE (BS '50, MA '52) continues as Area Geologist for Ohio Oil Company in Wichita Falls.
- WILLIAM G. (BILL) MCGEE (BS '51) is a geologist for the Pure Oil Company in New Orleans. He reports he is "keeping busy by logging off shore wells, chucking oysters, and planning for a July arrival of their second child."
- BILL J. MCGREW (BS '54, MA '55) is a Production Geologist for Humble Oil & Refining Company, in Kingsville, Texas. He reports a new son, Jim King, born in 1960.

- RICHARD G. MCKELLAR (BS '51) is a geologist for the British American Oil Company in Tyler.
- CLIFFORD R. MCTEE (BS '54) continues as an Exploration Geologist for the Tidewater Oil Company in Lafayette, Louisiana. They now have two children, a boy and a girl, Shelly Marie, who was born on July 11, 1960.
- CHARLES E. MEAR (BS '51, MA '53) is employed as a geologist for the U. S. Smelting, Refining, Mining Company in Midland. Their family status has not changed since last year.
- R. DICK MILLER (BS '51) has been a geologist for the Mobil Oil Company in Midland for the past 3½ years. His family consists of his wife, Pat, and their son, Scott 2½, and Suzanne 6.
- RICHARD A. MILLS (BS '50) is Vice-President of Petroleos Hondurenos, S. A., his permanent office being with Natco International and Oil and Gas Property Management in Dallas. He is working in both Honduras and Libya. Their new baby girl was born in March, 1961.
- ERMINIE HUNTER (MRS. DAVID L.) MINARD (BA '50) is in the seventh year of the partnership of Minard and Minard with her husband as consulting geologists in southern Louisiana with offices in New Orleans. Their two children are Erminie Barbara 4 and David Lee Jr. 6
- WAYLAND P. MOODY (BS '54) is a Production Engineer for Sunray Mid-Continent Oil Company in Oklahoma City. "We've been in Oklahoma City for 2 years and Oklahoma for 3½ years. That's too long for any white man." His wife, Annette and sons Mike and Mark are doing fine.
- R. MCKAY MOORE (BS '52) continues as an independent geologist in Shreveport.
- SIDNEY MORAN (BS '54, MA '55) continues his duties as a geologist with Shell Oil Company in Midland.
- SHERRILL MOTSCH (MA '51) is with the Ohio Oil Company as a staff geologist in Casper, Wyoming.
- GRANT MOYER (MA '52) is a subsurface geologist for the Ohio Oil Company in Calgary, Alberta. "Joy recently chaired ladies registration at the Banff AAPG Regional Meeting and I had a similar task at the local Anglican Church visitation. I'm presently completing generalized lithofacies maps, sections and report on the Beaverhill Lake of Western Canada to be contained in the Western Canada Sedimentary Basin Symposium.
- EDWARD GARRETT MUGFORD (BS '58) is Head of the Department of Science at the Lakeshore Schools in Buffalo, New York, residing on Jerusalem Road in Eden, New York. They are moving back to Midland soon.
- DEWITT C. NOGUES (MA '50) is a consulting geologist in Austin. His older son Bill and wife gave them their first grandchild, a daughter, in Baton Rouge in December, 1960. His younger son, Jim, married in August 1960 and lives in Dallas. Just DeWitt and his wife are at home now.
- NORMAN EDGAR NORRIS (BS '51) continues as a petroleum engineer for the Crown Central Petroleum Corporation in Houston.
- JOHN F. O'DONOHUE (BS '50) continues with Humble Oil & Refining Company in Wichita Falls. "Mary Lou and our two year old daughter, Kathleen, are both well."
- GAIL E. OLIPHANT (BS '53) is a subsurface geologist for Humble Oil & Refining Company in Corpus Christi.
- ROBERT D. OTTMAN (BS '51) remains affiliated with Humble Oil & Refining Company as a subsurface geologist in Pasadena, California. Their three children include Jeff, 5; Janice, 3; and Judy, 1. "It hardly seems possible that it has been ten years since I left the 40 acres. I'm still going to school, however, took some graduate at the University of Southern California this year."
- DONALD E. OWEN (MA '51) is now a graduate student at the University of Wisconsin in Madison.
- KENNETH I. OWENS (BS '54) is now located in Midland as a Production Geologist for Humble Oil & Refining Company.
- L. W. (DUB) OWENS (BS '51) reports from Tulsa, where he is Division Geologist with Crescent Petroleum Corporation. "Mom and three kids are doing nicely."
- JIM PATTERSON (BS '52) is a consultant with offices in the Esperson Building in Houston.
- GERALD S. PITTS (BS '54) is a subsurface geologist for Humble Oil & Refining Company in Midland. He and Carol now have three sons, Greg 6, David 2½, and Steve 4 months.
- PHILLIP M. PITZER (BS '54) is an operator-consultant in Breckenridge, Texas. His wife and sons, Marc 7 and Greg 4, are doing fine. Marc is now starting his education.
- GENE R. POLLOCK (BS '52) continues as a geologist for the Tennessee Gas and Oil Company in Shreveport. "The LSU boys were a little easier to live with first year during football season but Texas is still home. Tell friends to call me when in town."
- NOEL A. PORTERFIELD (BS '52) is Party Chief for Seismic Exploration, Inc. in Houston.
- JAMES W. POTTER (BS '54) is a geologist in McAllen.
- STANLEY PYNDUS (BS '50) is General Manager of Southwest Gas Supply Company in Houston. He has been working on gasoline plants, pipeline situations, and drilling deals and reports as follows on the rest of the family: "Mary Jane, as lovely as ever, Sue 10, Girl Scouts; Stan 9, Little League; Nancy 5, play school and piano. Would like to hear from you."
- JAMES M. RASBERRY (BS '53) continues as a geologist for Dow Chemical Company now located in Freeport. He was married in February 1961 ("now answer to the better half"). He is "still roaming the hills of Texas and Mexico."
- R. D. REEDY (BA, BS '50) was recently promoted from Area Exploration Supervisor in northern California to Area Exploration Engineer for Gulf Oil Company in Casper, Wyoming.
- W. F. REYNOLDS (MA '53) continues as a geologist for the King Oil Company in Wichita Falls.
- EVERETT E. RICHARDSON (MA '50) remains in Taft, California as District Geologist for the U. S. Geological Survey. "I find the California Franciscan formation considerably different from the Rocky Mountain sedimentary series."
- WADE C. RIDLEY (BS '53, MA '55) is a partner in Ridley and Locklin in Tyler. He reports two children, Tom, 8 and Clark, 4, and says that he and Allen are still looking for the 'Mother Lode' and he and Mary are suffering through the second grade with Tom.
- CLAUD RINEY, JR. (BS '52) is now located in Corpus Christi where he is District Geologist for the Sinclair Oil and Gas Company. Their baby girl, Katherine Ann, was born on March 12, 1960. He reports she is the only child and "spoiled."
- ROBERT B. ROSS (BS '50) is District Geologist for Tenneco Oil Company in Jackson, Mississippi.
- DONALD I. ROTHSCHILD (BS '52, MA '55) continues his duties as a geologist for the Shell Oil Company in Corpus Christi. Their daughter, Cynthia Lynn, was born on June 9, 1960.
- RICHARD ROWDEN (BA '50) is an attorney in the Land and Legal Department of the Coastal Station Gas Producing Company in Corpus Christi. He and his wife, Pat (BS '51) and their children, Keith 4 and Frank 3, are now living at 322 Whitehall.
- JAMES A. ROWELL, JR. (BS '54) is a geologist for the Union Producing Company in the Shreveport district. He and Pauline and their daughter, Paula, are enjoying boating on the lakes of Louisiana, Arkansas, and Texas this summer.
- JOHN S. RUNGE (BS '50) continues as District Geologist for British American Oil Products Company in Casper, Wyoming.
- JIMMIE NORTON RUSSELL (BS '52, MA '54) was transferred in April from Argentina to Trinidad where he will do surface work in connection with the future off-shore operations for Pan American Trinidad Oil Company in Port of Spain, Trinidad, West Indies.
- FLOYD F. SABINS, JR. (BS '52) continues as Senior Research geologist for the Cali-

- ifornia Research Corporation in La Habra, California.
- CHESTER C. SADLER, JR. (BS '53) is a geologist for the Mobil Oil Company in Corpus Christi. He and his wife Katherine have a daughter, Homoiselle Fay (Homa), 2 years, and a son, Chester Calhoun (Cal), III, almost 1.
- PHILLIP K. SAMPLER (BS '51) was transferred on September 1, 1960 from Sinclair Research to Sinclair Gas and Oil Company as a Senior Geophysicist in Jackson, Mississippi. "Being from the high, dry country, Patty, Philece and myself had a little trouble becoming acclimated. We love it now. We'd like to hear from any of our good friends from the class of '51.
- JACK R. SCHMID (BS '51) continues as managing partner for J. R. Schmid, Petroleum Consultants, in Calgary, Alberta.
- TOM SCHNEIDER (BS '50, MA '51) remains an independent geologist in Midland. Their family now numbers three boys and a girl, the new boy is Brian Shurr.
- GLYNN M. SCHUCHARDT (BS '52) is District Geologist for the Sinclair Gas and Oil Company in Lafayette, Louisiana. He is President of the Southwest Louisiana Geological Society and a member of AAPG. Glynn has just completed a winter geophysical assignment in Canada with Sinclair. He and his family are now residing at 311 N. Sterling Street in Lafayette.
- WILLIAM W. SHARP, JR. (BS '50, MA '51) continues as a research geologist for Atlantic Refining Company in Dallas. His daughter is now one, born July 3, 1960. He and his family are leaving on a monthly business trip to Nevada, Utah, and Arizona in April.
- GEORGE H. SHERRILL (BS '50) is a consulting geologist in San Angelo.
- ELCEAN SHIELD, JR. (BS '53) remains affiliated with Southern Minerals Corporation as District Geologist in Corpus Christi. "Family has stabilized at three girls and one boy."
- WILLIAM P. SLATER (BA '50) is Senior Geologist for the Sinclair Gas and Oil Company in Midland. "Am presently occupied as Area Geologist of Trans-Pecos Texas with the Val Verde and Kerr Basins tossed in for good measure." With the addition of a second daughter born on December 25, 1960, the family status now reads "wife and two daughters (Kay and Trisha)."
- CHARLES EDWARD SMITH (BS '54) is a consulting geologist in Dallas. "I'm specializing in the interpretation of gravimetric surface maps and geological exploration work within the interior salt dome basin of Mississippi."
- HARRY L. SMITH (BS '51, MA '56) is a geologist for Skelly Oil Company in Corpus Christi. He has a 2 year old daughter who sent her message of regards also.
- J. T. SMITH (BS '50, MA '55) after spending five years in San Antonio for Standard Oil Company of Texas was transferred to the Corpus Christi office where he is doing subsurface geology in south Texas.
- GEORGE M. SPALDING (BS '52) is an independent in Wichita Falls. "Have drilled several good prospects which resulted in geological successes but economic failures. Family still consists of one wife and two daughters, and everyone is doing fine."
- JOHN O. SPICE (MA '54) continues as an independent consultant in Midland.
- EARL B. STANFORD (BS '51) is a senior seismic computer in Highlands, Texas.
- FREDERICK L. STEAD (MA '50) has been consulting in Magnolia, Arkansas for over a year now and is really enjoying it. They were planning to move to Dallas at the end of the school term in June. "Family fine and all growing—including the parents."
- WALTER W. STEIN, JR. (BS, MA '52) continues as a consultant in Gainsville.
- WILLIAM D. STINSON (MA '52) is an independent geologist in Jackson, Mississippi.
- JOHN L. STOUT (BA '53, BS '53) received his MS in 1958 in Geological Engineering from the Colorado School of Mines. "The little girl we were expecting last spring arrived on May 29, 1960.
- W. C. SWADLEY (BA '52, MA '58) is with the U. S. Geological Survey now in Elizabethtown, Kentucky working on a project that involves geological mapping of the entire state of Kentucky over the next ten years.
- DENNIS R. TAYLOR (MA '52) continues as a Production Geologist for Humble Oil & Refining Company in Tyler. "My family still includes two very tired parents and two very lively children."
- C. B. THAMES, JR. (BS '54, MA '57) continues as a consulting geologist in Bismarck, North Dakota. He states that there isn't much news to report this year as business is moderate to slow after a mild winter (37° below). He writes that he rarely sees any of the UT bunch—"must be too cold or something!"
- WESLEY A. TILLER, JR. (BS '50) is a geologist for the Sun Oil Company in Lafayette, Louisiana.
- ELSWORTH TONN (BS '54) continues as a geologist for Texaco, Inc. in Ardmore, Oklahoma.
- DONALD H. TORGERSON (BS '52) continues as Manager of Dowell in Williston, North Dakota. He reports that he is still roaming around the Williston Basin and hoping to be transferred back to Texas someday.
- JOHN W. TOWNLEY (BS '54) is Assistant Chief of Equipment Management for the U. S. Atomic Energy Commission in Albuquerque, New Mexico.
- JACK W. TRANTHAM (BS '51) continues as Production Geologist for the Humble Oil & Refining Company in Tyler.
- EVERETT J. TRAVIS (MA '51) is general manager of Sutton Producing Company in San Antonio.
- ARTHUR J. TSCHOEPE (BS '51) resigned as Division Geologist for Cosden Petroleum Corporation in July 1960 and opened his own office as an independent geologist and oil operator. His harem still consists of his wife, Dorothy, and their daughters, Karen, Kay, Laura, and Lisa.
- JOHN E. TURNER, JR. (BS '50) remains consulting geologist with Penn. Hills and Turner in Midland.
- ROBERT CHAN TYSOR (BA '52) is a geophysicist for the Pan American Petroleum Corporation in Houston.
- SAM M. UDDEN (BS '50) continues as Assistant Division Geologist for the Continental Oil Company in Houston.
- CHARLES VERTREES, JR. (BS '51) is a geologist for the Continental Oil Company in Midland.
- JAMES R. VETTERS (BS '51) is employed by Tenneco Oil Company as District Geophysicist in Corpus Christi. He has worked for Tenneco for the past year after having spent four years with Sunray in Corpus Christi. He and his wife, Margaret, and their children, Mike, 9, Mary, 7, and Ray, 6 have lived there since October, '55.
- MARTY C. VINSON (BS '51) remains District Geologist for Mobil Oil Company in Midland. His wife, Louise, is a UT graduate of '51. Their sons, Bryan and Wayne, are now 7 and 2.
- RUDOLPH WADLINGTON (BS '50) remains affiliated with the El Paso Natural Gas Company in Houston as Gas Supply Representative. He reports the addition of their first child, a daughter.
- LOYD O. WALDRON, JR. (BS '50) remains Chief Geologist for Southwest Natural Gas Company in Shreveport. He reports that exploration for oil is slow; exploration for gas is accelerated, and hunting is good. His wife, Polly, is now Women's News Director for KWKY radio. Their son, Larry, 8, is now in the second grade and their daughter Amanada "is lovely."
- HERSHEL WALKER (BS '50) continues as a geologist for Republic Natural Gas Company in Corpus Christi. He states that there has been no change in the family status for the past seven years and that their children still include 2 boys, ages 13 and 7, and a girl, age 10.
- J. DUDGEON WALKER, JR. (BS, MA '54) reports he is still doing exploration geology in South Texas for Gulf Oil Corporation with offices in Corpus Christi.
- BILL WALLS (MA '50) is a geologist for Humble Oil & Refining Company in Durango, Colorado.
- DAN L. WARD (BA '49, MA '50) was listed in Who's Who in the South and Southwest and Leaders in American Science. He re-

- mains a consulting geologist in the Petroleum Life Building in Midland.
- BILL E. WATSON** (BS '50) is District Engineer for the Texas Railroad Commission in Wichita Falls.
- ANDREW P. WERNER** (BS '51) is an independent geologist "looking for drilling deals in Abilene area."
- ARTHUR WESSELY** (BS '50) continues as Vice-President and Director of Exploration for Global Oils, Inc. with offices in the Republic Bank Building in Dallas.
- HUGH G. WHITE, II** (BS '52, BA '54) continues to work as a draftsman for Superior Oil Company in Midland. His family has increased to four with the addition of Daniel, also including, Hugh 4; Marshall, 2; and Patrick, 1.
- H. A. WHITTINGTON** (BS '50) is Division Sales Manager for Welex, a division of Halliburton in New Orleans. He has been in south Louisiana for the past ten years, having recently moved back to New Orleans from Lafayette. His family includes his wife and two sons. "I don't see too many good UT geologists down here but it's always nice to see those I do."
- ARTHUR BRANCH WILLIAMS, JR.** (BS '53) is Commander (investigator) of OSI at Cannon Air Force Base, New Mexico, having just recently moved to Clovis from Roswell. Their new son is into everything.
- JAMES RICHARD WILLIAMS** (BS '50) remains Area Geologist in the Pecos District for Standard Oil Company in Midland.
- BILL F. WILLS** (BS '50, MA '51) continues as Area Geologist for Standard of Texas in Houston. He reports there's "A new addition to the family in the form of a sailboat, #269 Windmill Class."
- WILBUR D. WILSON** (MA '53) is now with Hondo Oil and Gas as a geologist in Roswell, New Mexico.
- WYNANT S. WILSON** (BS '53) has been an independent since October 1, 1960 in Abilene. He planned to be married on June 24, 1961 to Judy Jones of Abilene.
- C. ROBERT WINKLER, JR.** (BS '50) is a Geologist for Aikman Brothers with offices in Midland National Bank in Midland. He reports they are currently following the popular trend of concentrating on gas exploration rather than oil. His family returned to Midland from Amarillo in March, 1960. Their family now includes two boys, 3 years and ten months.
- CLAUD VICTOR WINTER** (BA '51) is Unitization Geologist for Humble Oil & Refining Company in New Orleans. He was transferred from Humble's Harvey District into the New Orleans Regional Office late last year to work with the Unitization Group. He and his wife have three children; are all well and plan to visit New York this summer.
- MURRY VICTOR WITZEL** (BS '50) is a geologist for Pan American Petroleum Corporation in Tyler.
- JIM WOMACK** (BS '54) is a geologist for Union Producing Company in Jackson, Mississippi.
- WILLIAM (BITS) WOOLFOLK** (BS '50) is with the Ohio Oil Company as Area Geologist in San Antonio.
- LEROY A. WOOLLETT** (MA '51) is working as a Regional Geologist for Gulf Oil Company in Houston. He will complete ten years with the Company in July 1961. His wife, Mary Lee Coffman Woollett, attended UT in 1944-45. Their daughter is now six years old. He and his wife are both active in church work, and he takes part in many of the civic activities and she in the Chi Omega Association.
- THOMAS J. WORNINGTON** (BS '51) will complete his third year in October in Venezuela as Geological Department Head of the Superior Oil Company of Venezuela in Maracaibo. He and his family are fine and still find the work and country interesting.
- CHARLES J. WORREL** (BS '51) is a consulting geologist in the partnership firm of Forney and Worrel in the Alamo National Bank Building in San Antonio.
- R. GENE YARBROUGH** (BS '50) reports in from Denver where he is a geologist for the Colorado Oil and Gas Corporation. He states that he is "returning immediately to Alaska for the beginning of his fifth year there." Their family includes two sons, Brett and Kurt.
- JAMES L. YELVINGTON** (BS '51) continues as geologist with Amerada Petroleum Corporation in Tyler.
- ENRIQUE HECTOR YRAMATECUI** (BA '50) is Acting Exploration Supervisor with Mobil Oil Company of Venezuela in Caracas, Venezuela. Their son, Richard Alan, is now almost two and they were expecting their second child in June.
- ROBERT L. ZINN** (BS '52, MA '53) is an oil operator in Lafayette, Louisiana. He reports that they have had their third daughter "so must find lots of production before the calls for formals start."

1955-PRESENT

- EDWIN V. ACKER** (BS '56) was transferred about the middle of November from Abilene to Tyler where he is continuing his duties as a geologist with Pan American Petroleum Corporation. He likes the new town very much.
- GORDON E. ADAMS** (BS '55, MA '57) is a Production Geologist for Magnolia Petroleum Corporation in Oklahoma City. He and Connie report from 4024 NW 25th Street that Janet Marie arrived on February 18, 1961.
- ROBERT ALLEN** (MA '57) was recently transferred to Casper, Wyoming where he continues as a geologist for Sinclair Gas and Oil Company. He was married to Lucille M. Robinson in June, 1957, and they now have two sons.
- GENE AMES, JR.** (BS '55) reports from 320 Charles Road in San Antonio that he is a geologist for the Gilcrease Oil Company. He and his wife, Ellen, have three rock enthusiasts, namely, Young 6, Elizabeth 5 and Gene III, 2.
- DAVID L. AMSBURY** (Ph.D. '57) is with Shell Development Company in Gatesville, Texas where he is studying the detailed stratigraphy of the Fredericksburg rocks in the North-Central Texas area and the region of the Paluxy sand. They are expecting their second child in October.
- ARTHUR E. ANDERSON** (MA '57) is a geologist with the California Oil Company in Grand Junction, Colorado.
- JAY EARL ANDERSON, JR.** (MA '60) is now working on his Ph.D. at UT under the supervision of Dr. John L. Snyder. He is mapping in the central part of the Davis Mountains this summer.
- CARL EUGENE ANDREWS** (BS '58) continues with Mason-Johnston & Associates in Dallas as Foundation Engineer and also remains single.
- ANN MARIE PARSON** (MRS. MIKE) AUSTIN (BS '57) reports she is a student again at UT working to attain a math degree in August. Her husband is working on his Ph.D. in electrical engineering. Their son, Mallory, is now 15 months old.
- ERNEST T. BAKER, JR.** (BS '55) is a hydrologist for the U. S. Geological Survey in Austin. He married Lu Richardson of Houston on January 20, 1961, and they now reside at 1907 Pearl in Austin.
- W. E. BAKKE, JR.** (BS '57) is Land Manager in Midland for the W. E. Bakke Oil Company. He states. "It's wonderful to be back in Texas after 2½ years in Calgary, Alberta. Oil activity here is moderate, with exploration emphasis on southeast New Mexico and deep gas in the Permian Basin." They have a girl and two boys, ages 7, 5, and 2.
- BENNIE K. BALKE** (MA '58) remains a geologist for Shell Oil Company in Fort Smith, Arkansas doing survey work in the Arkhoma Basin and Ouachita Mountains. His wife, Janette, and son, Nathan, 14 months, are both doing fine.
- WYETH LEE BATEN** (BS '54, MA '60) is an Industrial Engineer for the Johns Manville Products Corporation in Denison, Texas. His family has two new additions: a daughter, Kathy Ann, and a Volkswagen.
- RALPH J. BEAVER, JR.** (BS '58) is a stock and commodities broker in Fort Worth. He and his wife, Betty Lou, are presently living at 704 Monticello and are currently planning to build a new home in Fort Worth. They would like to hear from some of their friends.

- TERRY V. BILLS, JR. (BS '55, MA '57) is an independent geologist in Lafayette, Louisiana.
- LT. FREDERICK S. BLACKMAR, III, U.S.N. (BS '55) is attached to Training Squadron 28 at the Naval Air Station in Corpus Christi.
- WESLEY F. BLANKENSHIP (BS '57) resigned his position with Pan American Petroleum Corporation in New Orleans in August 1960 and is now a geologist for the Coastal States Gas Producing Company in Corpus Christi. They are presently living at 6009 Norvel in Corpus Christi.
- HARVEY BLATT (MA '58) reports through the smog that he, his wife, and baby are enjoying the California sunshine. He hopes to finish work on his Ph.D. in June of 1962 at UCLA. They are living at 4990½ Marionwood Drive in Culver City, California.
- WALTER E. BLOXSOM (BS '61) is working for Shell Development Company in Coral Gables, Florida. "Our work is concerned primarily with limestones and has been quite an education for me." Walter hopes to return to UT for graduate study in September.
- E. HAL BOGARDUS (BS '55, MA '57) is a Ph.D. candidate living at Graduate Circle 11-R in University Park, Pennsylvania. He is working on the elastic properties of minerals in the solid state and hopes to complete the degree in two more years. They have a daughter, Karen, and are expecting another child in June.
- CHARLES CLINTON BOOTH (MA '56) is still looking for good deals in South Texas with his partner, Richey Holman, a business school graduate of UT. He, his wife Coryanne, and children, Betsy 7 and Cissy 4, are well and happy. The partnership of Booth and Holman is located in the Oil Industries Building at Corpus Christi.
- DON R. BOYD (BS '58) remains associated with the Pan American Petroleum Corporation as a geologist in Corpus Christi. They are the parents of a new daughter, Mellisa Lee, and are residing at 6006 Orma Drive in Corpus Christi.
- WALT V. BOYLE (BS '54, MA '55) continues as a geologist for the Shell Oil Company in Roswell, New Mexico, conducting regional geology studies in the North Basin of New Mexico. He is now serving as Vice-President of the Roswell Junior Chamber of Commerce.
- ROBERT W. BRADLEY, JR. (BS '56) remains Associate Geologist for Humble Oil & Refining Company in Roswell, New Mexico.
- PHILIP BRAITHWAITE (MA '58) is a geologist for the Shell Oil Company of Canada, Ltd. in Edmonton, Alberta. He states he enjoyed meeting Dr. Wilson again when his tour as Distinguished Lecturer brought him to Edmonton. He and his family are living at 10273 Princess Elizabeth Avenue.
- ROBERT FROST BRANDT (BS '57) is a Seismic Computer for Texaco, Inc. in Houston. He reports "still live in Houston, still single; and still doing seismic interpretation for Texaco."
- G. R. BROOKS (BS '58) is a geologist in Magnolia, Arkansas. He reports that Gayle, Stephanie and Sherry are all looking forward to the new addition to the family in November.
- LEROY C. BUEHRER (BS '57) is now in his fourth year in West Texas as a geologist for Humble Oil & Refining Company in Midland.
- RICHARD T. (LUCKY) BUFFLER (BS '59) is still serving in the Navy on the U.S.S. Joseph P. Kennedy, Jr. (DD-850) but will be released this fall. He plans to attend the University of California at Berkeley where he has been offered a teaching assistantship plus a National Science Foundation fellowship. He is planning to pass through Texas in August on his way west.
- PAT PARKS (MRS. WALLACE F.) BURBRIDGE (BA '58) is a junior Research Technician with Sun Oil Company in Dallas.
- DAVID R. BUTLER (BS '55) continues as a geologist with the Standard Oil Company of Texas in Roswell, New Mexico. Their new daughter, Sara Gail, was born on October 27, 1960 so they now have one boy and one girl.
- WILLIAM M. BYRD (BS '56, MA '58) remains a Production Geologist for Humble Oil & Refining Company working in the Midland office doing Geological studies for unitization projects.
- PAUL F. (FRED) BYROM (BS '57) is sample logging for Permian Engineering Company in Midland and is an independent operator in his off time. He planned a June wedding to Miss Mary Margaret Burns of Brownwood who is also a UT ex-student, graduating from Howard Payne this spring.
- FRANK KELL CAHOON (BS '57) is now an independent operator in Midland. He, his wife, and two children like Midland very much.
- DEAN L. CALLENDER (BS '56, MA '58) is a geologist for the California Oil Company living at 3605 N.W. 24th in Oklahoma City.
- RICHARD A. CAMPBELL (MA '59) is a geologist for Union Oil Company of California located in Lafayette, Louisiana. He, his wife and two sons are living at 118 Shady Crest.
- JOEL C. CARLISLE (MA '55) is employed by Standard Oil Company of Texas as a Staff Geologist in Midland doing subsurface and stratigraphic studies in the Midland Basin. He is also serving as Chairman of the Pennsylvanian Lexicon of Stratigraphic Names Committee.
- DWIGHT E. CASSELL (BS '55, MA '58) is Production Geologist with Humble Oil & Refining Company in Corpus Christi. He is working in Field Development and Mapping in Southwest Texas. He states that he and Linda had a wonderful time while attending the International Geological Congress in Copenhagen last summer.
- MRS. JOHN (LOUISE GREEN) CHAPMAN (BA '56) is a housewife living at 253 Lening in Corpus Christi. She has been co-chairman for the American Cancer Society house-to-house fund raising and education drive in Corpus Christi.
- JOE W. CHRISTIE (BS '58) is an Assistant County Attorney in El Paso. He finished law school in January 1961, took his Bar Examination in March, and went to work with El Paso County in April. He is presently residing at 1014 A Avalon.
- JOHN W. CLARK (BS '58) is a B-52 Co-Pilot in the U.S. Air Force living at 138 F. Street, N.W. in Ephrata, Washington.
- JOSEPH C. CLARK (BS '57, MA '59) is continuing his graduate work at Stanford University working on the territory of the Coast ranges, planning to begin a twelve-month tenure in June under a National Science Foundation graduate fellowship. He and Shirley enjoyed seeing Mr. and Mrs. Ed Owen when they were at Stanford participating in the School of Minerals Sciences lecture program.
- D. B. CLUTTERBUCK (MA '58) continues as a geologist for Shell Oil Company in Corpus Christi working valley geology. After spending four months in Houston last summer he transferred back to Corpus Christi in September and moved his family into their new house at 729 Crestview Drive in February.
- GORDON EARL COE (BS '53, LLB '60) is with the Legal Department of the State Board of Water Engineers doing administrative law and investigation. He reports the addition of a new son, Wayland Newton, in October, 1960. He, Jo Anne, and their two sons are presently living at 1410 W. 29th in Austin.
- JAMES W. COLLINS (BS '56) is a geologist for Tidewater Oil Company at 1235 Commerce Building in New Orleans.
- GLENN LEE CORRIGAN (BA '55) is presently regional manager for F. E. Compton and Company in Houston.
- ARTHUR S. CRAMER, JR. (BS '57) is senior computer in the Producing Department of Texaco, Inc. in Amarillo. Their daughter, Joan Elizabeth, is now 3 years old and another child is on the way. They have recently purchased a new house at 3722 Cimarron.
- PAUL CRUMPLER (BS '57) reports from Wichita Falls that he is a geologist for the T. F. Hunter Estate. He and Barbara have four children and "hope this is the end."
- THOMAS A. CULLINAN (BS '55) is a geologist for the Honolulu Oil Corporation in Midland.
- LARRY J. DARNALL (BS '58) continues as a

- geologist for Pan American Oil Company. They are expecting their first child in November, 1961.
- ERNEST J. DASCH, JR. (MA '58) was married on October 22nd to MAY DEFENDORF (MA '60) in Chevy Chase, Maryland. He is continuing to work in Austin for Guyton & Associates, consulting ground water hydrologists, and May is working for the Bureau of Economic Geology.
- EDWARD L. DAY (BS '57) remains stationed at James Connally Air Force Base in Waco as a First Lieutenant in the 3567th Navigator Training Squadron. Their second child is expected in August.
- KENNETH J. DECOOK (MA '57) is a ground water hydrologist for the Water Development Corporation in Tucson, Arizona. He reports he is still up to his ears in ground water. The firm specializes in ground water consulting in foreign areas. Current projects are in Venezuela and West Pakistan. Family roster is now wife, Carol, daughter, Sue and boys, Kenny, Bill, and Steve.
- LESLIE A. DEDEKE, JR. (BS '55) continues work as a seismic computer for Humble Oil & Refining Company in Midland.
- BILL DOCKERY (BA '58) continues with the Texas Highway Department as an Engineer's Assistant in Seguin, Texas. He and Carol have a new girl born on January 3rd, "just in time to miss a deduction, but worth the loss!" His family is well and happy.
- SAM Y. DORFMAN, JR. (BS '57) reports from Dallas where he and his brother are in the Dorfman Production Company, devoted to exploration and production of oil and gas.
- ROBERT D. DOTY (BS '59) is an exploration geologist for Tidewater Oil Company in Tyler. He reports three children, one girl and two boys, with another child expected in July.
- MIKE DOUGLAS (BS '58) is an oil producer with offices in the Alamo National Bank Building in San Antonio.
- ROBERT E. DOYLE, JR. (BS '55, MA '57) continues as a Reservoir Engineer for Shell Oil Company in Centralia, Illinois. They welcomed the birth of a son, Kevin Brian, on April 20, 1961.
- RALPH C. DUCHIN (MA '55) continues as a geologist with Shell Oil Company in Lafayette, Louisiana. He writes that Susan Jo arrived on August 19, 1960 and the "household hasn't been the same since."
- CONNIE MAYES (MRS. BYRON) DYER (BA '58) has retired to become a housewife. Byron is a geologist with Texas Eastern Transmission Company doing exploration work. Their son, Jeffrey Lane, is now 5 months old. She reports that they are surrounded by UT geology exes with the Don Clutterbucks on one side of them and the John Twinings on the other side.
- LYNN C. EADS (BS '57) continues as a geologist for the Coastal States Gas Producing Company in Corpus Christi.
- JOAN ECHOLS (MA '58) has accepted a research assistantship in the University of Kansas at Lawrence. She is taking course toward a Ph.D. in Zoology, working in vertebrate paleontology, and all of that work is done in the Zoology Department at the University of Kansas. She and her parents have purchased a small home at 1513 Harper Street in Lawrence and like the town very much.
- JOSEPH ELO, JR. (BS '56) is a geologist for Cities Service Petroleum Company now living in Wichita Falls. He reports "last month I completed a four-year tour of duty with Dhofar Cities Service in the Sultanate of Oman and Musgat."
- GEORGE FALK (BS '57) continues as a seismic computer for the Humble Oil & Refining Company in New Orleans. They report a son, George Jr., born last July.
- DAN R. FRANTZEN (MA '58) is a geologist in Lafayette, Louisiana.
- WILLIAM J. GANUS (BS '58) is a geologist with Pan American Petroleum Corporation in Farmington, New Mexico and writes "still single and getting worried—the Indian girls are looking better every day."
- HENRY B. GAYLE (BS '58, MA '61) is an exploration geologist for the New Jersey Zinc Company in Platteville, Wisconsin. His primary job is to log churn drill cuttings from exploration rigs. "Next comes mine and surface mapping and related paper work. We've reached ore in one of our two inclines and I'll be glad to ship some ore samples to anyone who might want them, collect, that is. Margee and Karen are fine and have enjoyed what we have been assured is a 'very mild winter.' It's true too—there's only been one 14 inch snowfall and it's only reached 27° below once. Oh, mild! Greetings to all and let us hear from you now and then."
- LESLIE W. GIDDENS, JR. (BS '54, MA '57) is a geologist doing subsurface exploratory work in Pecos County and living at 1615 W. Pine in Midland. They added their second son, Larry, "a new exemption," in August 1960 making the family roster now include Larry, Mike and Frances.
- A. W. (BILL) GLOVER (BS '56) is a staff geologist for Lone Star Producing Company in Roswell, New Mexico.
- CONLEY R. GOODRUM (BS '57) is an exploration geologist doing Gulf Coast geology for Standard Oil Company of Texas in Houston.
- RONALD L. GRANER (BS '58) is a geologist working for the Soil Conservation Service in Fort Worth.
- RICHARD E. GRANT (Ph.D. '58) is research assistant at the U.S. National Museum in Washington, D.C., where he will be assisting G. A. Cooper in the study of Glass Mountains brachiopods for the next two years.
- C. DEVEARLE GRAY (BS '57) remains with Mobil Oil Company as a geophysical engineer in Carlsbad, New Mexico. Their son Gregory is now one year old.
- WILLARD R. GREEN (MA '55) is a geologist for Shell Oil Company residing at 607 S. Plains Park Drive in Roswell, New Mexico.
- ARIEL D. GRIFFIN (BS '57) is Party Chief for the Seismic Engineering Company in Cuero, Texas. He is married and has two daughters, Valerie, 2, and Leslie, 3 months.
- WALTER T. HAENGGI (MA '57) is working for International Petroleum, Ltd., and his new address is c/o Intpetco, Talara, Peru. He visited in Austin on June 29.
- ROBERT A. HALL (BS '57) remains a consulting geologist in Tyler. He and Wynne report the birth of their first daughter, Kathy Sue, born October 6, 1960. They have run into several old classmates in the past year and had a brief talk with "Blackjack Wilson" recently.
- ROGER C. HANKS (BA '55) is a Panhandle oil and gas operator "drilling up a storm" in Wichita Falls.
- PAUL M. HARDWICK, JR. (BS '55) is a geologist with the Texas National Petroleum Company in Houston. He and his family are presently residing at 3310 Ann Arbor in Houston.
- THOMAS E. HARRIS (BS '57) is a geologist for Sinclair Oil and Gas Company in Corpus Christi. They now have two children, Monica Ann, 3, and Robert McRae, 1.
- WILLIAM H. HARRIS (MA '61) has accepted a position in the U.S. Geological Survey, Ground Water Branch, with headquarters at Elizabeth City, North Carolina. Bill completed his thesis and a mineral resources report for the Bureau in January and spent a few months working in Denver during the spring. In June he reported that he had "again become acquainted with the beating heart that calls itself New York City."
- H. LEE HARVARD (BA '55) is a consulting geologist in Roswell, New Mexico. He says that his first year on his own "has been both interesting and profitable." He and Joanne (BS Education '55) are the proud parents of their first child, Jeffrey Lee, born December 1, 1960. They really like Roswell and plan to make it their home.
- GEORGE M. HARWELL, JR. (BS, MA '59) has returned to Corpus Christi as a geologist for Shell Oil Company after finishing their training program. They are now in the process of building a new home in Corpus.
- J. DON HAYNES (BS '56) left Lion Oil Company, the West District and Midland to become an independent geologist and oil operator in Alice, Texas. They have a girl 5, and a boy, 1, and are "looking forward to football season as I'm not far from Austin."
- WILLIAM BRENT HEMPKINS (BS '58) is present-

- ly working on his MA at UT while employed by the University as a full time research geologist in the Defense Research Laboratory.
- E. R. HENNINGSEN (BS '57) is an Assistant Professor at Tarleton State College in Stephenville. He completed his MS at Baylor last August. Their oldest son, Brandt, is now a Wolf in the Cub Scouts and their youngest son, Curt, will start school this fall. Last fall they complete an addition to their home, turning a carport into a family room with a fireplace of petrified wood.
- LARRY R. HENSARLING (BS '56) was transferred from Shreveport to Lafayette, Louisiana in January where he is continuing his work as a geologist for the Sunray Mid-Continent Oil Company. He is currently working the upper Gulf Coast.
- CHARLES H. HIGHTOWER, JR. (BS '56) is working at Durango, Colorado for the Atlantic Refining Company.
- CARROLL ANN HODGES (BA '58) received her MS at the University of Wisconsin in June 1960 and is now doing photogeology for Shell Oil Company in Midland and "riding my horse all over the West Texas prairie!"
- H. W. HOLLINGSHEAD, JR. (BS '57) is a geologist for the Ohio Oil Company in Midland. His daughter, Jill Kay, is nearly two years old.
- ELEANOR MACHA HOOVER (BS '56) is a paleontologist for Humble Oil & Refining Company in Corpus Christi.
- JON W. HOUSE (BS '57) is President of House Enterprises, Inc. in Midland, also doing some geology and consulting for oil producing properties and management for other diversified interests. Their children include two sons, John W. III and Jeffrey Mark, and one daughter, Joni Suzanne.
- GENE HUCCORD (BS '58) is a geologist for Walsh and Watts Oil Products in Wichita Falls.
- DON F. HUGUS, JR. (BS '58) is a geologist for Sun Oil Company in Jackson, Mississippi.
- ALLEN S. HUNT (1954-56) is Assistant Professor of Geology at the University of Vermont, presently living at 934 North Avenue, Burlington, Vermont.
- JOE L. JACKSON (BS '56) continues as an engineering geologist for the U.S. Bureau of Reclamation in Austin. Their baby girl, Vicki, was born on August 19, 1960, and their son, Ricky is now 3½ years old.
- KENNETH LEE JARRATT (BS '57) settled in Houston where he is sales engineer for Oil Field Equipment. He and his wife, Joyce, and their children, Judy, 3, and Johnny, 2, are presently residing at 6627 Flamingo.
- KENNETH H. JETT (BS '58) is a geologist in Moneta, Wyoming (temporarily). He is married and has two children, a girl 7 years old and a boy 8 months. Their permanent address is Box 63, Pecos, Texas.
- G. DALE JONES (BS '57) continues as an Administrative Engineer for Boeing Aircraft and lives in Mountlake Terrace, Washington.
- RICHARD D. JONS (BS '56) is employed by Ralph Lowe as a geologist in Midland. He and Betty have two daughters, Kay 7 and Lori 1, all doing fine. "Our welcome mat is always out for friends who may pass through Midland."
- RONALD KATZ (BS '58) is a geologist for the Katz Oil Company in San Antonio.
- HOWARD W. KIATTA (BS '58) received his Master's degree from Texas Tech in June 1960 and is now working as a subsurface geologist for Texaco, Inc. in New Orleans.
- VICTOR L. KING, JR. (MA '57) is an Exploitation Engineer for Shell Oil Company in Roswell, New Mexico.
- BILL KNODE (BS '57) is a geologist for Medalion Petroleum in Calgary, Alberta. He reports "I was able to winter in two garden spots—Estevan, Saskatchewan and Swan Hill, Alberta. People from Texas should come up here for the winter!"
- ANDREW E. KURIE (MA '56) continues with the Pure Oil Company as a geologist in Midland.
- HENRY J. LAGRONE, JR. (BS '57) is a mathematics teacher in Levi Fry Junior High School in Texas City. They report no further addition to their family of four daughters.
- FIRST LIEUTENANT TOM R. LEBLEU (BS '57) was in the Geology Department during the spring term for a short visit, accompanied by his fiancée. He reported that he is the Commanding Officer of Headquarters Company, 931st Engineer Group at Fort Sam Houston, Texas. He has recently returned from a two-year tour of duty in France and states that he plans to make the service a career. "I am finally ridding myself of the 'bachelor' status and Miss Cynthia Croft of San Antonio and I plan to be married in September.
- JOSEPH W. LISTER (BS '55) is a geologist for the Union Producing Company in Monroe, Louisiana.
- NANCY GREEN (MRS. RAYMOND S.) LISTER (BA '55) is teaching her third and fourth grade pupils about rocks and minerals. Her husband is working in commercial real estate and leasing in San Diego, California.
- LARRY D. LITTLEFIELD (BS '57) is a subsurface geologist with the Mene Grande Oil Company in Maracaibo, Venezuela.
- E. R. LOCHTE, JR. (BS '56) is a geologist with McCarrick, Gouger and Mitchell in San Antonio.
- CURTIS C. MASON (BS, MA '57) is a geologist for the Ground Water Branch of the U.S. Geological Survey in Alice, Texas.
- MUNIB R. MASRI (BA '56) reports from Amman, Jordan where he is a consulting geologist to the Jordanian Government. His address is P. O. Box 781, Amman, Jordan.
- G. C. MCCANDLESS, JR. (MA '57) continues to work for the Orinoco Mining Company, Puerto Ordaz, Estado Bolivar, Venezuela. During the winter field season, he took part in an exciting helicopter reconnaissance of about 16,000 square kilometers of wild Venezuelan country which he says is geologically much like Trans-Pecos, Texas. He attended the International Geological Congress in Copenhagen where he saw many members of the Geology staff.
- RICHARD V. MCGEHEE (BS '55) is working on his Ph.D. at UT at present. Dick completed his orals and two foreign languages this spring, and he has been awarded a National Science Foundation Scholarship for next year. He and Glenna have one son and are expecting another arrival in the fall.
- WAYNE E. MCINTOSH (BS '56) is a geologist with the U.S. Corps of Engineers at Eufaula Dam in Muskogee, Oklahoma. Addition number three arrived last year, now giving a roster of Wayne, Jr., Julia Arden and Susan Angela.
- PAUL F. MCKEAN (BA Econ., BS '58) has been an engineer in Pittsburgh but in the near future will be leaving his present position to start a winter and summer sports area. The property, which has already been purchased, includes a lodge and mountain for skiing, together with three miles of river front for aquatic activities.
- CARROLL McREYNOLDS (MA '58) is an Associate Geologist for the Texas Highway Department in Waco.
- WILLIAM J. MEEK (BS '55) is a Merchandising Salesman for Texaco, Inc. in Fort Worth. He has become a Lt. in the U.S.N. Active Reserves and spent two weeks in California last summer. Their new daughter, Katherine Lee, was born on May 25, 1960 and their son, Byron, is now three years old. They liked Fort Worth very much.
- WAYNE D. MILLER (MA '57) continues as an Operations Geologist for the Pan-American Petroleum Corporation in Midland. His present position consists primarily of coordinating with engineers in lease and research evaluations and field development problems. They are expecting their second child in June.
- MARVIN LEROY MILLS (BS '58) is a Gauger for Mid-American Pipeline Company in Liberal, Kansas. He completed military duty in Germany in June 1960 and married Barbara Jean English of Parsons, Kansas in November 1960.
- DUANE E. MOREDOCK (BS '58) is now a student at the University of Houston living at 5441 Pagewood Lane in Houston.
- PETE NOYES (BS '55, MA '57) is Exploration Geologist for Mobil Oil Company in Shreveport.
- JOSH W. ODEN (BS '56, MA '58) continues with Humble Oil & Refining Company as a geologist in Matador, Texas.
- FOY T. OTTS (BS '58) is a geologist and geo-

- physicist with the Caltex Pacific Oil Company in Pagan Baru, Sumatra, Indonesia, having transferred from American Overseas Petroleum, Ltd. in Tripoli, Libya. He states that "Betty, the boys and I are enjoying living in the tropics. We haven't seen any big game yet but it is here and we're still looking."
- RICHARD CARL PECKHAM (BS '56) is a geologist with the Board of Water Engineers in Austin.
- ANN WILSON PRIMER (BA '56) is a housewife living at 3105 Ridge in Hallettsville, Texas. She reports that "Dr. Primer and I now have two daughters, Cathy Ann 2½ and Charla Gayle 2 months.
- JAMES A. RAGSDALE (MA '60) is a Junior Geologist for Texaco, Inc. with offices in the Alamo National Bank Building in San Antonio.
- WALTER K. RAINBOLT, JR. (BA '57) is a Landman for Union Oil Company of California in New Orleans. They have a one year old boy.
- ALAN M. BAUCH (BS '56) is a Partner in the Oil Field Rental Service Company in Houston.
- DON W. REED (BS '57) is in his last year in Law School at UT and planned to take the State Bar Examination in June.
- L. J. REHKEMPER (BS '55, MA '56) is Production Geologist for Mobil Oil Company in Wichita Falls, still concentrating all efforts in the Anadarko Basin in the Texas Panhandle.
- JAMES VAN (JIM) RICHARDS (BS '56) is working with the Coastal States Gas Producing Company as a geologist in their Abilene office—"still single by the grace of God."
- JAMES W. RICHARDS (BS '58) is a geologist with El Cino Producing Company in Midland. He reports "working like mad and enjoying every minute of it. Have not made that million yet but haven't lost hope. Have found that being a working geologist requires a lot more thought than some people think—even log work."
- CHARLES I. RICHEY (BS '55, MA '61) returned to UT to complete his thesis, then he and Nancy headed south to see something of this half of the world. "They are presently attempting to drive the Pan-American Highway from Texas to Argentina."
- HERMAN E. ROBERSON (BS '55, MA '57) is an Assistant Professor of Geology at Harpur College, Binghamton, New York, where he has been teaching since completing his Ph.D. at Illinois.
- JEAN-PAUL ROBERT (MA '56) is still with Societe Nationale de Recherche et Exploitation de Petrole en Petrole en Algerie in Maisom-Carre, Algeria, working on synthesis and geophysical interpretation for Sahara exploration. Their first son, Frederic, arrived in September, 1960.
- RON S. ROBINSON (BA '58) has moved back to Midland after spending the past two years in southern Arkansas and northern Louisiana. He is a geologist for McAlester Fuel Company.
- JOHN P. (JACK) ROCHE (BS '56) is a consulting geologist in Roswell, New Mexico. He reports that their second addition was expected in April, 1961.
- JAMES E. ROGERS (BS '55, MA '61) is a geologist with the U.S. Geological Service in Alexandria, Louisiana. Jim returned to Austin long enough to turn in his thesis and collect his MA recently.
- P. R. ROSE (BS '57, MA '59) is a stratigrapher for Shell Oil Company on temporary assignment to Coral Gables, Florida to study recent carbonates in Florida Bay, the Keys, and Bahamas. His wife, Judy Drummond Rose, was formerly a stenographer in the Bureau of Economic Geology. They have two little girls, Virginia, 2, and Cathy, 6 months.
- JACK S. SANDERS (BS '57) is a geologist for the Geotechnical Corporation in Dallas. He discontinued mud-logging in December, 1960, and he is "still single."
- PAUL W. SANSOM (BS '55) is a student of advertising design at the Art Center School in Los Angeles.
- ROBERT K. SANSOM (BS '57) after attending Art Center School in Los Angeles is currently Art Director with the Frank Bull Advertising Agency in Los Angeles.
- GEORGE W. SCHNEIDER, JR. (BS '58) is an exploration geologist for Pan American being transferred from Lafayette to New Orleans. George III (Bill) was born on January 6, 1961 and Kathy is nearly 2 years old.
- PAUL E. SCHNURR (MA '55) after spending the summer of 1959 in Alaska was transferred to La Habra, California where he is engaged primarily in subsurface and some surface interpretation. His family has grown to two boys and two girls, ages 1, 3, 5, and 9.
- JOHN T. SCHULENBERG (MA '58) is a Geologist-Observer for the Standard Oil Company of Texas in Hobbs, New Mexico and reports "no addition, deletions, or corrections in the family status."
- W. E. SCHULKEY, JR. (BS '57) is a geologist with Jones and Lyons of San Angelo.
- RUBIN SCHULTZ, JR. (BS '61) will enter the Army in August for six months of active duty. His present address is 601 McArthur, Cuero, Texas.
- EUGENE P. SCOTT (BS '57) is Exploration Geologist for Hawn Brothers in Corpus Christi.
- DICK SEARS (BS '57) is a Pharmaceutical Sales Representative for Riker Laboratories in Midland. He and Suzanne have two sons, Mark and Philip.
- ROBERT T. SELLERS, JR. (BS '57) completed his MS degree at Tulane University and is continuing as a Ph.D. candidate. He states he enjoyed seeing old classmates at GCAGS Convention in Biloxi in October.
- HOLMES A. SEMKEN, JR. (BS '58, MA '60) is a Physical Science Technician for U.S. Geological Survey in Alexandria, Virginia. He is planning to continue his education in the fall.
- CHARLES R. SEWELL (MA '55) continues to work as a geologist for Dow Chemical Company with headquarters in Lake Jackson, Texas. He reports two boys and a new girl, Marion Elizabeth. "Old King is still with us."
- EARL W. SHAHON (BS '56) has been a subsurface geologist with Humble Oil & Refining Company for five years in New Orleans. They now have three children.
- LEE A. SHERWOOD (BS '56) is Chief Geologist for Whitehall Oil Company in Dallas. He and his wife, the former Patricia Dunn, have one daughter, Lisa Angela, who is nearly three years old. They are presently living at 3544 Cloverdale Lane and would enjoy hearing from any of their friends.
- SAMUEL J. SIMS (MA '57) received his Ph.D. from Stanford University and is working for the Bethlehem Steel Company as a geologist in Africa. His mother in Indio, California, reports that he is still single.
- G. KEITH SIRRINE (Ph.D. '58) is Senior Geologist in the Geological Technical Group of Pan American Petroleum Corporation in Houston.
- MARRIOTT WIECKHOFF (Mrs. JOHN) SMART (BS '57) is an Assistant Geologist for an independent oil operator, Ernest A. Hanson. Her husband was transferred to Roswell, New Mexico last summer and they have recently bought a home at 407 Linda Vista Boulevard there.
- EARL R. SMITH (BS '56) is an engineering writer for Convair-Astronautics. They just moved to San Diego from southern Louisiana to start his new career out there and think there's a real future in the missile industry.
- JIMMY L. SMITH (BS '57) has been working in Corpus Christi for Humble Oil & Refining Company since October, 1960 in their Geophysics Department. They are presently living at 364 Crockett Drive in Lewisville, Texas.
- JOHN W. SMITH (BS '57) continues as a geologist for Humble Oil & Refining Company in Los Angeles where he is working in the central Coast Ranges of California. They live in La Canada.
- WILLIAM R. SMITH (BS '56) remains Party Chief Geologist for Creole Petroleum Corporation in Caracas, Venezuela. He is now involved in a compilation report on the geology of the Merida Andes of Venezuela. The field work relating to the project was completed in December 1960.
- EDMUND D. SNEED (MA '55) reports from Wichita Falls that he is continuing his

- duties as a subsurface geologist for Ohio Oil Company in North and West Central Texas. His wife and one year old daughter are doing fine.
- JOHN L. SNIDER (BA '55) is a geologist with the Ground Water Branch of U.S. Geological Survey in Alexandria, Louisiana.
- WILLIAM C. SOJOURNER, JR. (BS '56) continues as a geologist with the Sojourner Drilling Company in Abilene.
- HOWARD J. SPEER (BS '56) is Manager of the Corporate Trading Department for Shumate and Company in Dallas.
- BILL ST. JOHN (BS '58, MA '60) is working as a geologist in Libya, and his family is with him in Tripoli. Bill had some interesting experiences on the way over in Paris and elsewhere, of course.
- WINSTON L. STOKES (BS '57) is working as an independent geologist with his father in Lafayette, Louisiana. He has a new home at 609 Dutton Drive in Lafayette and reports his two children, Beverly, 3, and Michael, 1½, are doing fine. "Dr. Wilson's lecture was excellent."
- TOM W. STOVALL (BS '57) is a Cartographer for U.S. Geological Survey, in Donna, Texas. He reports he "still travels the Rocky Mountains Region with the Department of Interior—going to Montana the first of May." They have a daughter and are looking for an addition to the family around the end of the year.
- CARROLL E. STROMAN (BS '58) continues as a geologist for the General Land Office in Austin.
- WALTER M. STRONG (MA '57) continues as a production geologist for Humble Oil & Refining Company. He was transferred from New Orleans to Laurel, Mississippi in April 1960. He and Marguerite became the proud parents of a son, Kenneth, in August 1960.
- ROBERT T. TERRIERE (Ph.D. '60) is a research geologist for Cities Services Research in Tulsa where he is doing the petrography of sandstone and carbonates.
- THOMAS J. THOMPSON (BS '57) continues as a geologist for Shamrock Oil and Gas Company in Amarillo.
- JIMMIE HAROLD THOMPSON (BS '58) is a geologist with G. W. Ewing in Breckenridge, Texas.
- JERRY T. THORNHILL (BS '60) is a geologist in the Ground Water Division of the Texas Board of Water Engineers in Austin. He and Shirley Ann have two children, Jere Ann 5½ and Tim 3.
- T. W. TODD (MA '56, Ph.D. '59) continues as a research geologist for the California Research Corporation in La Habra, California. He reports that he is "still working hard on Gulf Coast geology but at a distance now—from sunny (and smoggy) southern California. We were rudely introduced to the perils of freeway driving on Christmas Day when our station wagon was completely demolished in a 22 car accident.
- We were all fortunate however, in receiving only a few cuts and bruises." He gave a talk on part of his dissertation problem at the AAPG meeting in Denver.
- JOHN TRAMMELL (BS '59) expects to receive his Master's degree from the University of Colorado this summer. The UT geology faculty members were pleased by his loyal interest in their part of the GSA meetings in Denver last fall.
- E. LESLIE TRICE, JR. (MA '57) is exploration geologist for Mobil Oil Company in Wichita Falls. He and Kay now have two children, Marianne 5 and Jack, 3 as well as two dogs, Rob and Mac.
- PAGE C. TWISS (Ph.D. '59) is Assistant Professor of Geology at Kansas State University in Manhattan. He will return to the Rim Rock Country again this summer with Professors DeFord and Wilson. He reports a new addition, Catherine Grace, born November 27, 1960. They have just moved into a new home at 2327 Bailey Drive in Manhattan. He reports he is Faculty Treasurer of Alpha Nu of Sigma Gamma Epsilon.
- JAMES R. UNDERWOOD, JR. (MA '56) is putting the finishing touches on his Ph.D. degree this summer at UT. Jim was married on June 10 to Margaret Ann Sanderford of Austin. During the fall semester he taught one lecture section of freshman geology as a Special Instructor in the Department. Jim did a very fine job, too, and he interested some superior students in majoring in geology.
- CHARLES B. UPTON (BS '57) left Southwestern Talc Corporation in September and did some prospecting on a grubstake deal as well as some consulting work. He reports that "nothing as yet developed on my discovery, which I hope will pay off yet." He has gone to work for the Texas Highway Department as an Engineering Assistant in Van Horn, Texas. The "highway department is beginning to see how badly they need geologists. There is another UT geologist with the Texas Highway Department in El Paso, Tom Chestnut."
- MARTIN JAMES WACHEL, JR. (BS '56) continues with Shell Oil Company as an Exploitation Engineer in Oklahoma City. He is doing field engineering and subsurface geology in N. W. Anadarko Basin. He attended the Intermediate Shell Exploitation Engineering course in geophysics, subsurface geology, and petrophysics in Houston from August to November 1960. He reports they are enjoying their new home at 5712 NW 46th and seeing the UT Exes who are living in Oklahoma City.
- ROBERT B. WACCONER, JR. (BS '56) resigned from Lane-Wells Company in June 1960 to go into consulting work. "Not making much money, but enjoying it more. Still single—so no family!"
- T. J. (TOMMY) WACCONER III (BS '57) has been an independent geologist since July 1959 in Wichita Falls, concentrating mainly on the North Texas area. He married Marilyn Wheeler (BA '58) and they have a two year old son.
- JACK L. WALPER (Ph.D. '58) is an Associate Professor of Geology at the University of Tulsa. The spring vacation field trip, which he was in charge of, went to Santa Rita, New Mexico where they were the guests of Kennecott Copper Corporation, Chino Division for two days. He has been appointed Director of the University's In-Service Institute for High School teachers which is sponsored by the Esso Foundation. The summer season will again be spent in the Arctic Islands of Northern Canada doing helicopter geology.
- BERNIE WARD (BA '55) is still engaged as a paleontologist for Humble Oil & Refining Company in Tyler. His wife and three year old son are doing fine.
- WILLIAM C. (BILL) WARD (BS '55, MA '57) and KATHY (ACNEW) WARD (BA '57) are in Tyler, where he is a geologist with Humble Oil & Refining Company. They have two children, a boy and a girl.
- JOHN W. WHITE (MA '60) is Head of the Survey Casing Section of the Ground Water Division for State Board of Water Engineers in Austin. Their second girl, Romaine Yvonne, was born in July, 1960.
- LESLIE P. WHITE (BS '56) is employed by Humble Oil & Refining Company as a subsurface geologist in Corpus Christi.
- REX H. WHITE, JR. (BS '56, MA '60) is a geologist for Mobil Oil Company in Roswell, New Mexico. He has done about 2 years of surface work and some subsurface work. Their son, Daniel Davis is 15 months old, and they extend an open invitation to everyone visiting in Roswell to drop by. They are presently living at 306 W. Forest in Roswell.
- MORRIS S. WIGINTON, JR. (BS '58) moved from Kermit, Texas with Socony Mobil Company to Houston with the Lummus Company, a design engineering firm for petrochemicals. They bought a new home at 5522 Indigo in Houston. Their children include a teen-age daughter 14, a boy 11 and a girl 9.
- MICHAEL A. WILEY (BS '57) is now working as Chief Computer for National Geophysical Company in the Gulf Coast area after working on seismic geophysical parties in Wyoming and Colorado. He is planning to return to UT to work on his Master's this fall.
- JOEL M. WILKINSON (BS '58) is Assistant Manager of Crude Sales and Purchases in Houston.
- ROBERT L. WOOD, JR. (BA '56) is a Landman for Humble Oil & Refining Company in Midland.
- KENNETH E. WOODYARD (MA '56) and his wife MARGARET ORR (BS '56) report the birth of

their daughter, Lynn Marie, on May first. Kenneth is a geologist with Continental Oil Company in Lake Charles, Louisiana. JOHN P. WRICHT (MA '56) is a geologist for Shell Oil Company in Tyler. JOHN R. (BOB) WYNNE (BS '57) was recently

transferred to the Corpus Christi office to do subsurface geology after several years of surface mapping for Shell Oil Company. He still thinks that geology and oil finding are tremendously exciting and challenging. V. L. YEATS (BS '58) is an instructor in ge-

ology at Texas Tech, teaching freshman geology. He will spend the summer working at Utah in the Upheaval Dome area. His wife, Oida and son, Greg send their regards along with his to all their friends in Austin and the University.

RECENT GRADUATES IN GEOLOGY

August 1960 Graduates

Bachelor of Arts

Philip Calvin Cezeaux III
Oscar Ottmann Quarnstrom

Bachelor of Science in Geology

Edgar Gayle Albrecht
Robert Lee Bluntzer
James Hardy Croom, Jr.
Thomas William Doll

Emmett Daniell Ellett
Cameron Herschel Gates
Hilary H. Iglehart
Don Milton Kerr, Jr.
Loring Gladstone Lemmon
Kenneth James Loep
Herbert Samuel Travis
Raymond Russell Trollinger, Jr.
Robert Duke Turner
Harlan Raymond Wolf

Master of Arts

Jay Earl Anderson, Jr.
Burke Burkart
Uel S. Clanton, Jr.
Darrell King Jones
James Allan Ragsdale
Charles McCammon Schlaudt
Rex Harding White, Jr.
John Conner Yeager

January 1961 Graduates

Bachelor of Arts

Tanakarn Bhattrakarn
Kathryn Adele Giddens
Martin Doyle McEvoy
Clarence Edwin Mayer

Bachelor of Science in Geology

James Baxter Bennett
Joseph Bidlemann Bissell
Donald Neal Blount
Walter Eden Bloxsom

Daniel Shelton Gafford
Allen Kent Johnston
Robert Clinton Michels
James Robert Moffett
Frank Henry Slavik, Jr.
Richard Douglas Spinks
Jerry Jordan Stipp
Berry Sutherland
Hugo Charles Werner, Jr.
Anthony Wayne Wilson
Robert Pafford Wood
William C. Young III

Master of Arts

Larry Marshall Asbury
Henry Boyes Gayle
William Howard Harris
Joachim Dietrich Meyer
John William Ramsey, Jr.
Charles Irwin Richey
Milan King Yager

Doctor of Philosophy

William Wayne Ballard

June 1961 Graduates

Bachelor of Arts

Mario Barrera
Robert Evans Donnell
Ralph James Poth

Bachelor of Science in Geology

Jamie Mitchell Abercrombie
Charles Martin Boenig
Moe Michael McGeath
Jereld Edward McQueen
Robert Joseph Munsch

David Otto Nilsson
James Milton Pegg
Rubin Amos Schultz, Jr.
Robert Earl Stowers
Raden Sudhijarto

Master of Arts

Tanakarn Bhattrakarn
George Meyer Dill
Sam Clinton Hamilton, Jr.
John Eli Kimberly

Elbert Aubrey King, Jr.
James Edwin Rogers
Theodore Jeremiah Schwarzbach
Ralph Hartwin Warner
Charles Edwin Workman
Younathan Yousif Youash

Doctor of Philosophy

Clyde Herbert Moore, Jr.
James Danny Powell
Joel Smith Watkins, Jr.
Johannes Antonius Franciscus Winter

GEOLOGY ALUMNI CLASS CORRESPONDENTS

The 2400 ex-students of the Department of Geology are a difficult group to keep up with. Geologists move and change addresses frequently, and they travel widely over the world. For years we have tried to figure out better methods of communication with the alumni. The Advisory Council of the Geology Foundation urges us to select one or two people in each year's graduating class as permanent class secretaries or correspondents. The duties of the correspondent would include keeping up with his classmates, recording changes of address, and mailing (at our expense) one or more letters annually inviting his classmates to participate in alumni activities such as homecomings, dinners, luncheons, and support of the Geology Foundation. Please help us by volunteering for service as your class correspondent or suggest names of classmates who might help with this undertaking. In September we expect to write potential correspondents asking each to volunteer his help.

New Pamphlet: GEOLOGY AT THE UNIVERSITY OF TEXAS

Through the generous support of one of the Councilors of the Geology Foundation we are able to issue a handsome, 38 page pamphlet entitled **GEOLOGY AT THE UNIVERSITY OF TEXAS**. It lists the geology teachers, degree requirements, and geology courses, and summarizes facilities for geologic instruction and research at the University. The introduction to the booklet states that it is intended to provide information for high school and college students interested in geology as a profession. It will answer many questions of employers of geologists who are interested in their professional training and of citizens who are interested in educational activities in geology at the University. **IF YOU WANT A COPY, WRITE FOR IT.**