

NO. 16, SEPTEMBER 1967

AUSTIN, TEXAS

*Editor: ANGEL D. LESHIKAR*



## HERE IT IS!

After a decade of hoping, many months of planning, and more than two years of construction, the new Geology Building is finished and occupied. Geology faculty and students began moving in before the end of May, and the staff of the Bureau of Economic Geology followed in June. Most of the summer has been needed for moving books, maps, equipment, furniture and collections. Full-scale use will begin with the fall semester in September.

The new building contains 132,000 square feet of gross floor space, and it cost approximately \$2,450,000 to build. With the addition of books, maps, microscopes and other

scientific equipment from former quarters, the building and its contents represent an investment of considerably more than three million dollars in physical facilities for geological education and research on the main campus of The University of Texas. In addition, the Balcones Research Center at the northwestern edge of Austin houses the Well Sample Library, Vertebrate Paleontology Laboratory, Mineral Studies Laboratory and Radiocarbon Laboratory, which are also part of the geological facilities of the university.

*(Continued on Page 2)*



**View of the new auditorium. The walls are paneled in ash and the seats are upholstered in a beautiful blue velour.**

## Here It Is!

*(Continued from Page 1)*

Funds for the new building came from several sources, chief among them being the so-called Available Fund of the University. (This fund is the income from the Permanent Fund, which is derived largely from University-owned land. Hal Bybee, former Professor of Geology, deserves a great deal of credit for building up the Permanent Fund through wise management of land and oil leasing.) A grant of \$401,500 from the National Science Foundation paid nearly half the cost of new graduate and postdoctoral research facilities in the building, and a grant of \$345,443 was obtained from the U. S. Office of Education to cover one-third of the cost of undergraduate facilities.

Another important supplement to the building funds was provided by private donors through the Geology Foundation. Alumni and friends of the Geology Department gave more than \$17,000 for construction, lighting and air conditioning the loft above the auditorium as extra library stack space. Geologic book and map holdings have increased rapidly in recent years as a consequence of private gifts. Only the geologic library of the University of Oklahoma rivals that of The University of Texas in the vast region south of Washington, D. C. and east of California.

The new building is a bold structure built of materials similar to those used in other buildings on the campus. Brick walls are a blend of yellow-brown to light red tones. Large panels of local fossiliferous limestone are set under projecting concrete "sunshades" on the south side of the building, facing the new south mall which extends from the Main Building to the proposed presidential library northeast of the stadium. The north and east sides of the building are chiefly windows, and all

windows are tinted gray to reduce heat and glare from bright sunlight. Two architectural firms participated in the project. Design and preliminary plans were done by Jessen, Jessen, Millhouse, Greeven and Crume with credit for design going chiefly to Wolf Jessen. Final plans and construction supervision were done by Page, Sutherland and Page, with Louis Page heading the activities of the group. Steve Clabaugh represented the geological staff of the University during the planning and construction. Ed Jonas planned and selected most of the new furnishings, and Keith Young supervised the largest part of the move of collections and equipment from the old building. Peter Flawn planned the Bureau facilities in the new building.

Considerable thought went into planning the "flow of traffic" in the new building. Thousands of students will attend classes daily in some of the classrooms while other areas are reserved exclusively for research, administrative offices, and collections, where students rarely need access. The Bureau of Economic Geology is located on the top floor, away from teaching areas. Collections and heavy mechanical equipment are chiefly in the basement.

The auditorium, attached to the first floor on the west, has been designed for access from both the front and rear. It seats 300, and a total of 3,000 students a week will attend lecture classes in the facility. Adjoining the auditorium are five laboratories which will be used by about 2,500 freshman students weekly, thus confining most of the freshman teaching activity to one area of the building.

The remainder of the first floor will be given over to departmental administrative offices and general classrooms—those used for instruction in courses other than geology.

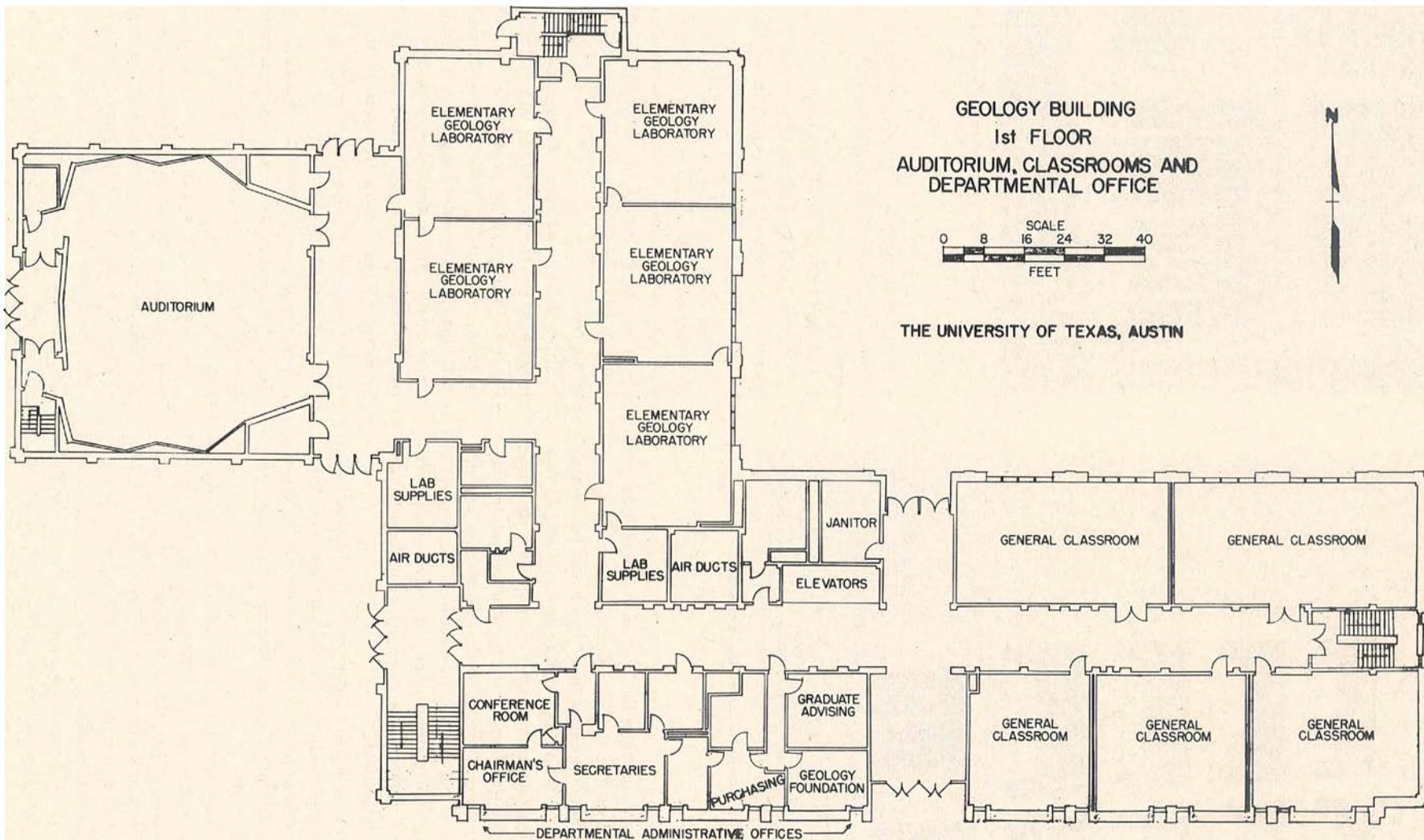
Also on the first floor are a multitude of built-in display cases, enough to house the contents of a small museum. Geology faculty members have found that displays serve an important teaching function, and for that reason many have been incorporated in corridor walls.

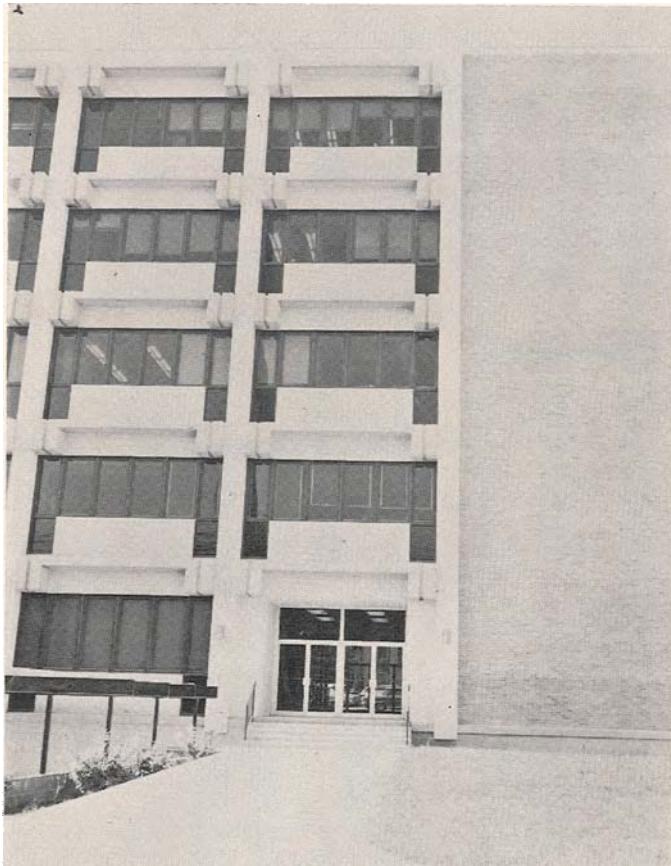
All floors and walls of corridors on the first floor have been inlaid with ceramic tile, and overhead lights have been shuttered with mahogany-toned panels to effect a softer glow.

The second floor contains three types of spaces: laboratories for undergraduate (sophomore through senior) geology majors, four general classrooms, and faculty offices. More display cases are built into the second floor walls.

Dominating the third floor is the 10,000 square-foot library and map room, in which library materials of the department and the Bureau are now combined. The remainder of the third floor provides faculty office space. The 25 faculty offices on the second and third floors have adjoining work rooms for use of professors and their assistants. Some of these are equipped with fume hoods and chemical laboratory equipment, others with drafting tables and microscope benches, and one with a photographic darkroom. Additional darkrooms are provided for other faculty and student use.

The fourth floor represents an innovation in geologic education. The entire floor has been set aside for the exclusive use of graduate students and contains offices, research laboratories





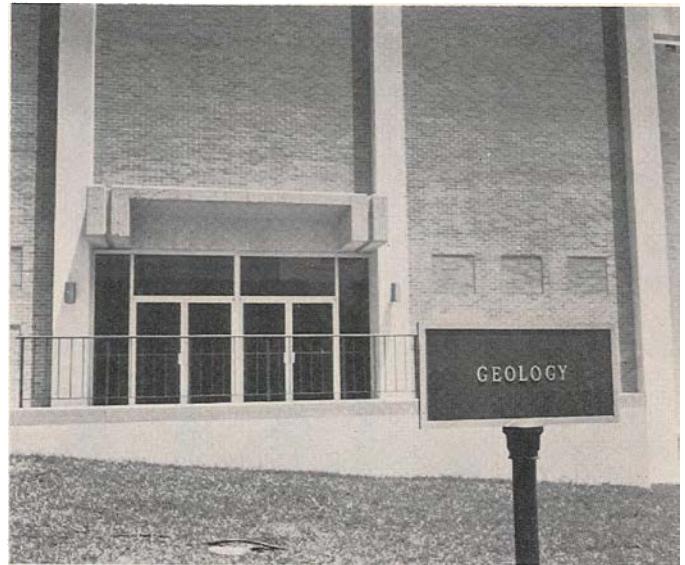
**View of north entrance to the building.**

and seminar rooms. It provides the graduate students who are doing research and regular studies a sanctuary, a place where they can work 24 hours a day if they choose and be isolated from interference. Facilities on the fourth floor include two X-ray machines, hydrothermal synthesis equipment, chemical laboratories, and laboratories for micropaleontology, paleontology and petrography. Several small laboratories are designed for the use of only one or two graduate students at a time. All graduate students have study space in small (and admittedly crowded) offices. One seminar room doubles as a coffee lounge for the students.

Bureau facilities on the fifth floor include a cartography laboratory and photogrammetric facilities for preparation of geologic maps and other illustrations for scientific publications dealing with mineral resources, environmental geology and areal geology of the state.

In the basement is a large amount of collection space which extends under the auditorium and the front terrace. To be housed in that area are departmental working collections and the Adkins Collection of ammonites, the latter (a gift to the University) considered one of the world's most important collections of Cretaceous fossils.

Among the special decorative features of the new Geology Building is a nine-foot tall copy of the geologic map of Texas executed in mosaic by the Cavallini Company of San Antonio.



**Close-up of entrance to the auditorium.**

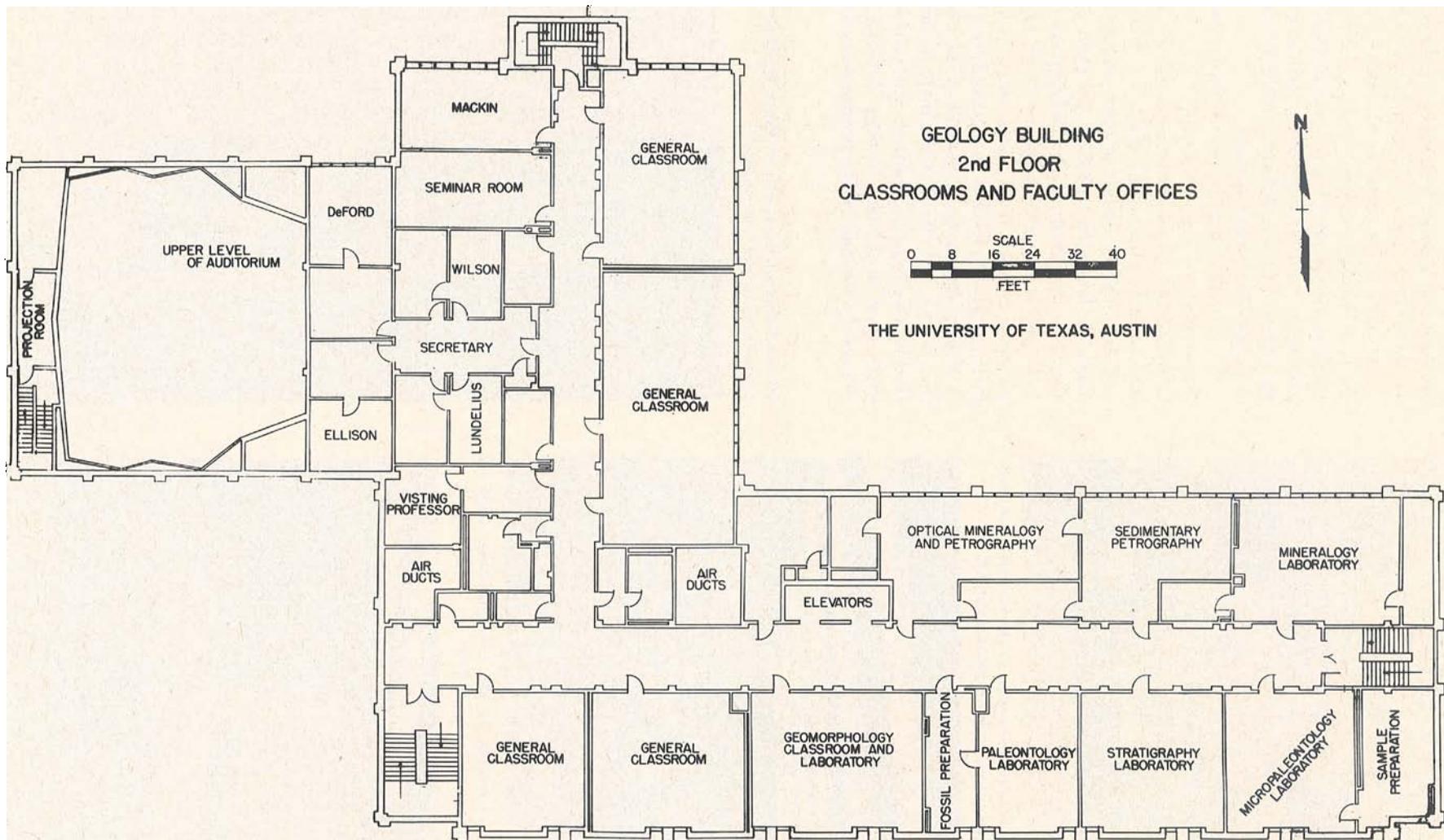
It occupies one wall of the wide corridor in front of the auditorium. An equally large relief map of the state decorates another wall.

Polished slabs of the oldest known rock in North America, the Morton Gneiss of Minnesota, accent the wall of a conference room adjoining the departmental chairman's office on the first floor. It is particularly appropriate for the present chairman, Bill Muehlberger, who recently completed a study of basement rocks of the continent. The stone, known commercially as Rainbow Granite, is more than three billion years old according to radioactive isotope determinations. The polished stone is enhanced by walnut paneling on the other walls in the room.

Three other conference rooms also have accent walls of polished stone. One wall of the large faculty meeting room on the third floor is made of larvikite, the so-called Blue Pearl Granite from Larvik, Norway (actually a syenite with opalescent blue-gray moonstone crystals). A small graduate seminar room on the fourth floor has one wall of Texas pink granite from the quarry at Granite Mountain, near Marble Falls. The graduate students' meeting room on the same floor has a checkerboard of 19 varieties of polished stone from various North American localities.

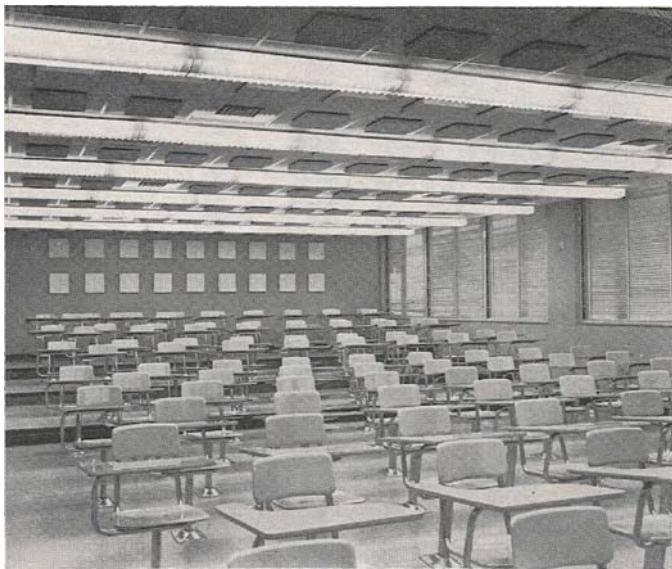
Blackboards throughout the building are made of sheet steel so that maps may be attached to them with magnets. Most of them are oversize, extending from near the ceiling almost to the floor.

Among the most welcome new facilities is a small machine shop stocked with metal-working equipment acquired from government surplus or bought with National Science Foundation grant funds. The department recently employed a skilled instrument maker to design and build research equipment. The new thin section shop has modern semi-automatic cutting equipment, and a well-ventilated acid room is equipped with large plastic vats and drains. Samples can be unloaded at a





**Graduate student conference room on the fourth floor showing the nineteen different varieties of polished stone.**



**(Above) Typical classroom in the new building. (Below) Faculty conference room on the third floor.**

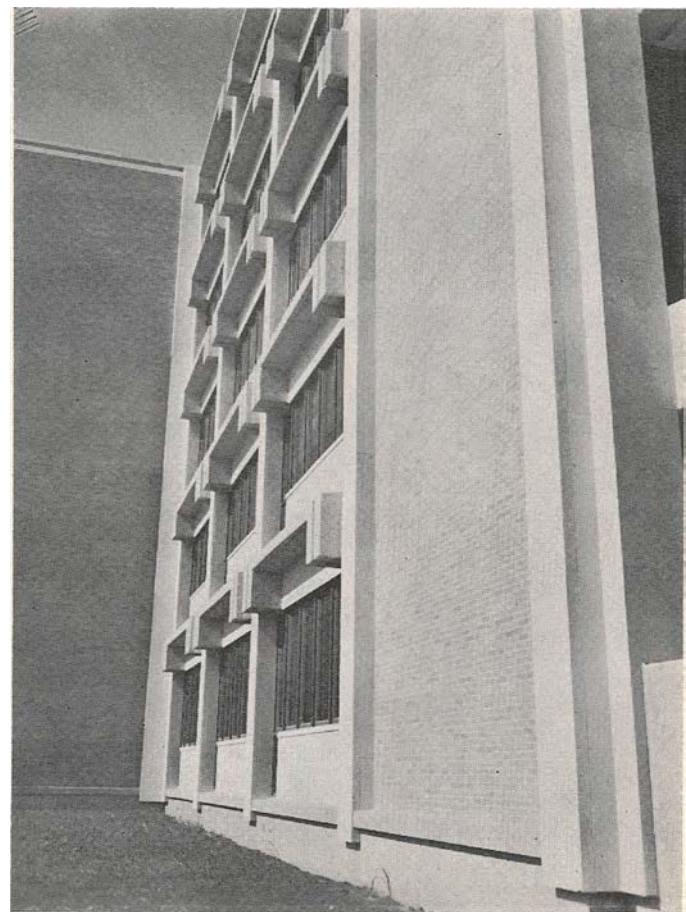


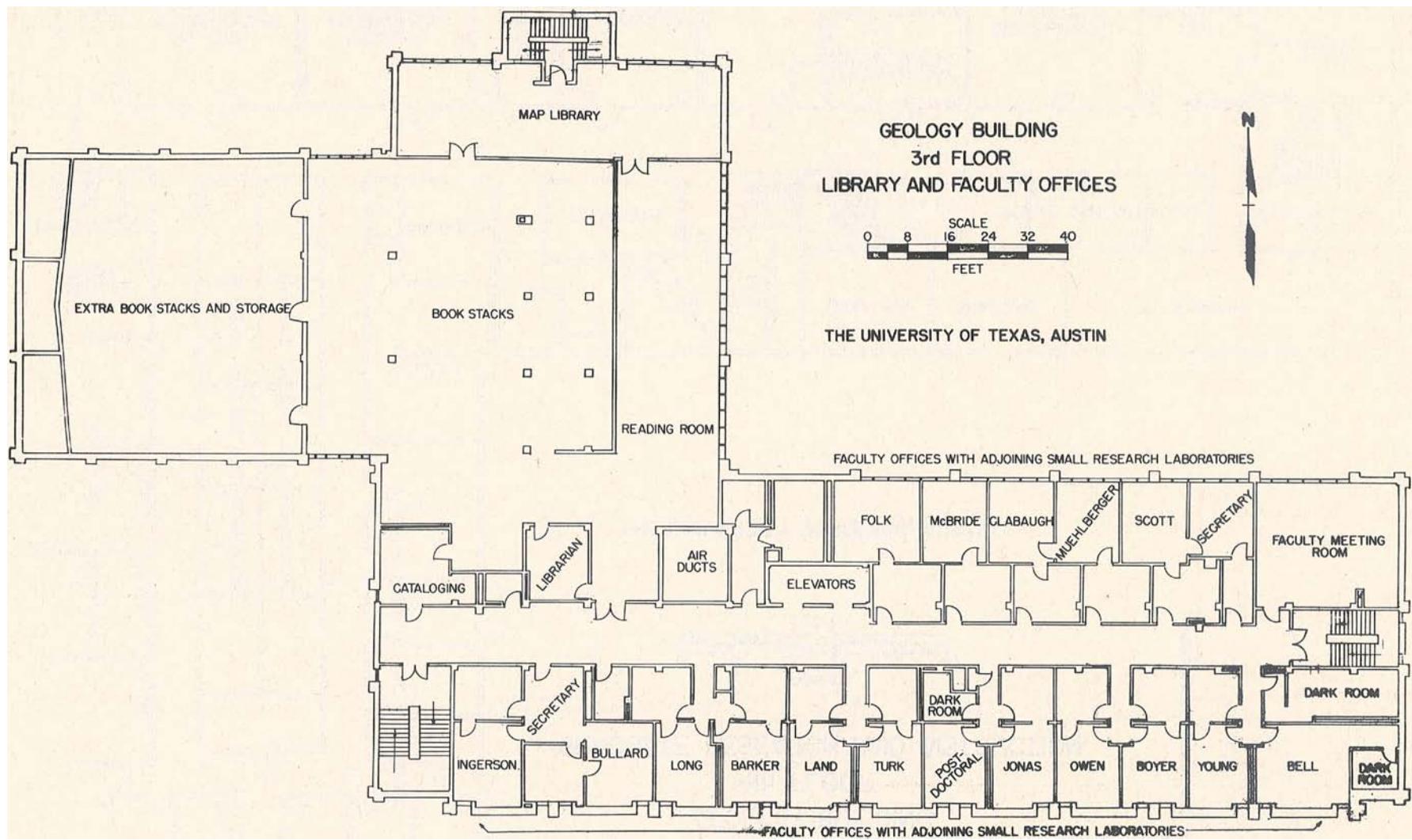
basement door directly into a receiving room with adjacent grinding and mineral separation rooms. Space has been reserved for development of future geophysical laboratories.

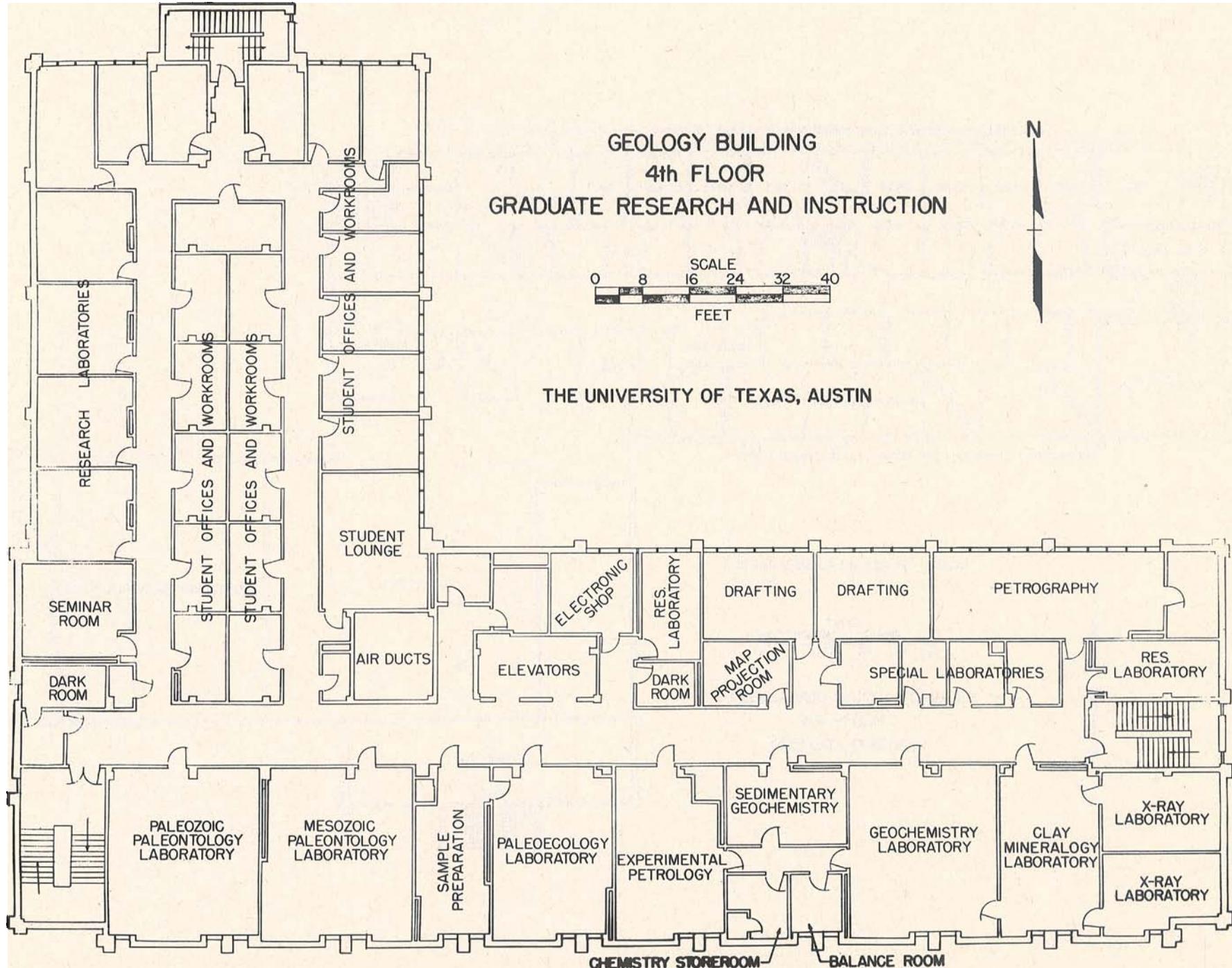
Air conditioning is also an exceedingly welcome feature of the new building. Summer teaching and research in the old building were formerly rather uncomfortable, as most geology alumni can recall. Perhaps more teaching will now be done in the summer and more field projects in the spring and fall when Texas weather is more suitable.

Not entirely without regrets did faculty members leave their former quarters. The "old Geology Building" isn't old, and it holds countless pleasant memories. It also has some qualities not equalled by the new building, including its better location and that wonderful frieze of fossil shells with the terra cotta panels of dinosaurs, trilobites, and other geologic items designed by Fred Bullard. The building was first put in use in 1933, and it served its purpose well. Nearly one-tenth of the geologists in the United States today received some part of their training there! It is being completely overhauled for use as biology classrooms, expansion of the adjoining Computation Center, and offices of the Hogg Foundation for Mental Health. The Hogg Foundation was originally scheduled to share space in the new Geology Building, but a happy exchange of space and building names was worked out.

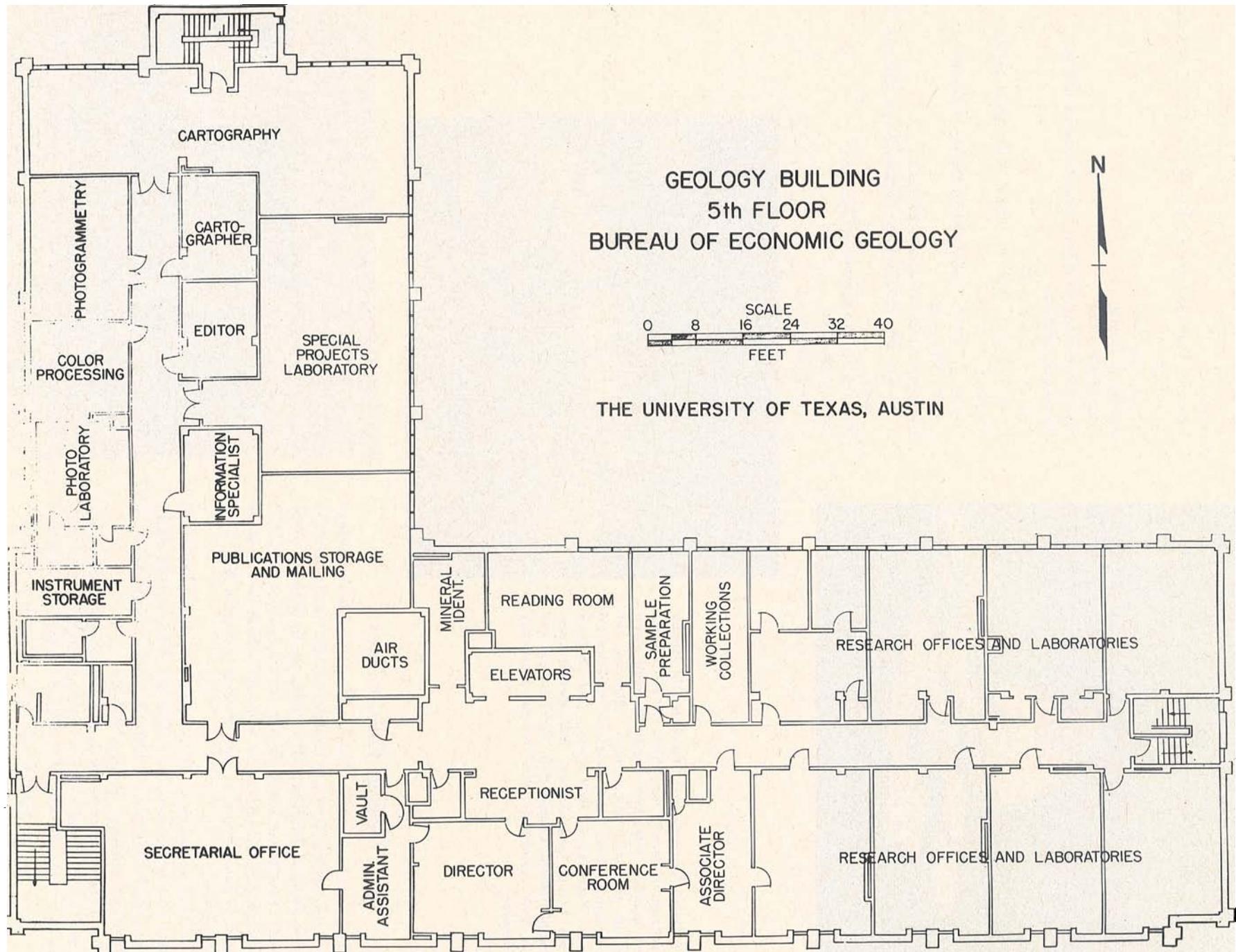
**Unusual shot of the north entrance to the building. This gives a good view of the "sunshades."**

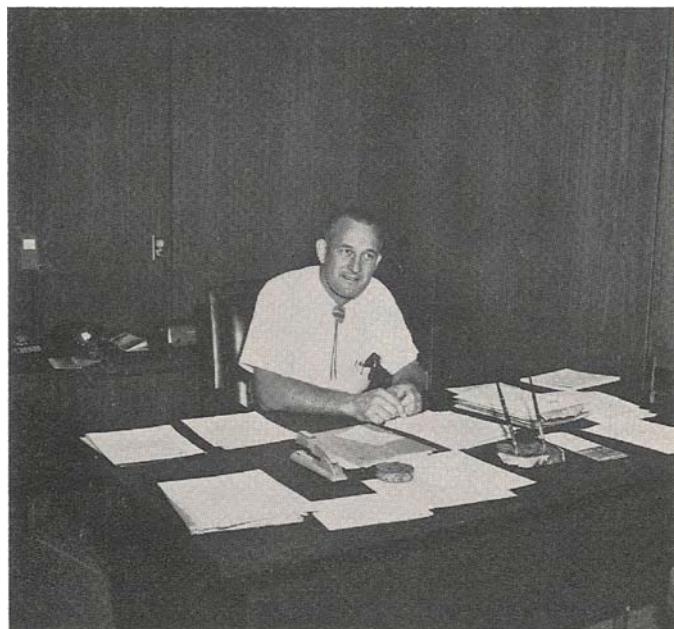






September, 1967





(Above) Departmental Chairman Bill Muehlberger in his swanky new office. (At right) Faculty members attending Budget Council meeting in the conference room adjoining the Chairman's office. Reading left to right are Ed Jonas, Pete Flawn, Bob Boyer, Jack Wilson, Keith Young, Sam Ellison, Bill Muehlberger, Ronald DeFord, Charlie Bell, Virgil Barnes and Bob Folk. (Bottom) The structural geology laboratory.

The faculty for next year will be as follows:

*Professors:*

- VIRGIL E. BARNES, Associate Director, Bureau of Economic Geology
- W. CHARLES BELL
- ROBERT E. BOYER
- FRED M. BULLARD
- STEPHEN E. CLABAUGH (on research leave in spring)
- RONALD K. DEFORD
- SAMUEL P. ELLISON, JR.
- PETER T. FLAWN, Director, Bureau of Economic Geology
- ROBERT L. FOLK
- CLAUDE W. HORTON, Professor of Physics and Geology
- F. EARL INGERSON
- EDWARD C. JONAS, Graduate Advisor
- J. HOOVER MACKIN, William Stamps Farish Chair of Geology
- WILLIAM R. MUEHLBERGER, Chairman
- JOHN A. WILSON
- KEITH P. YOUNG



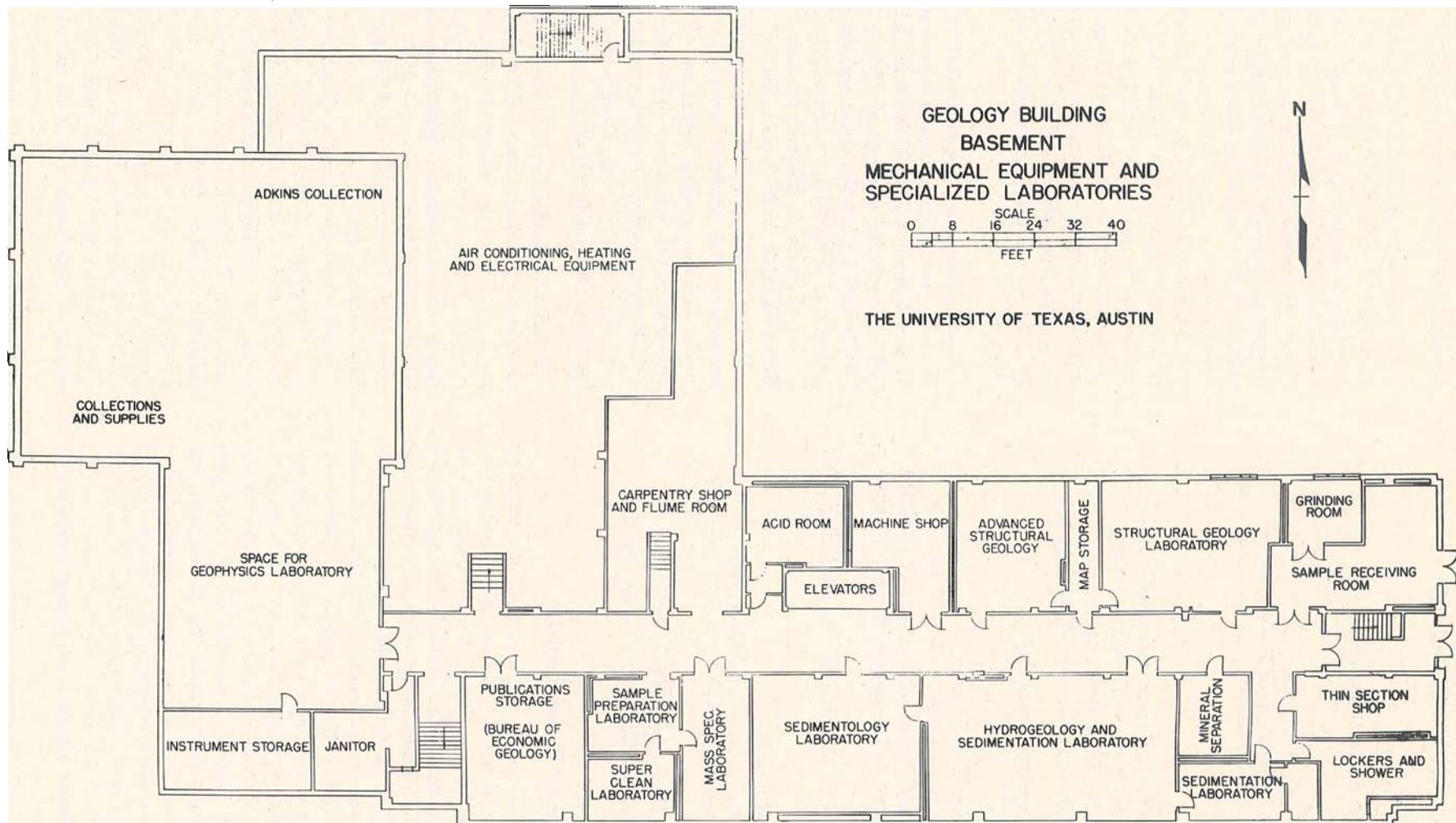
### Geology Faculty News

Two new Assistant Professors will be added to the geology staff next spring. They are Lynton S. Land, who is currently a post-doctoral fellow at The California Institute of Technology, and Leland Jan Turk, who is completing his Ph.D. at Stanford. Jan will replace Dr. Robert K. Fahnestock, who resigned in June to join the staff of State College of New York at Fredonia.

Lynton Land received his A.B. and M.A. degrees from The Johns Hopkins University in 1962 and 1963, and his Ph.D. from Lehigh University in 1966. He has been working in the field of sedimentology and geochemistry.

Jan Turk obtained his B.A. in geology from Fresno State College in 1961 and a M.S. in geology from Stanford University in 1963. In 1967, he received his M.S. in hydrology from Stanford. His special interest is in the field of hydrogeology.





*Associate Professors*

DANIEL S. BARKER (on research leave in fall)

LEON E. LONG

ERNEST L. LUNDELIUS, JR.

EARLE F. McBRIDE, Assistant Chairman

ALAN J. SCOTT

*Assistant Professors*

E. WILLIAM BEHRENS, Institute of Marine Science

LYNTON S. LAND

LELAND J. TURK

*Lecturers*

LEONARD F. BROWN, JR., Bureau of Economic Geology

WILLIAM L. FISHER, Bureau of Economic Geology

WANN LANGSTON, JR., Texas Memorial Museum

PETER U. RODDA, Bureau of Economic Geology

*Special Lecturer (donating his services)*

EDGAR W. OWEN

*Visiting Professors for Short Courses*

FRANK CONSELMAN, Consultant, Abilene, Texas

ROBERT M. GARRELS, Northwestern University, Chicago

EARLE G. KAUFFMAN, Smithsonian Institution, Washington, D.C.

PHILIP B. KING, U.S. Geological Survey, Menlo Park, California

*Post-doctoral Fellows*

RICCARDO ASERETO, Universita di Milano, Italy

KEITH A. W. CROOK, Australian National University, Canberra

M. DANE PICARD, University of Nebraska, Lincoln

RALPH L. MYERS II, The University of Texas, Austin.

**Recent Faculty Activity**

*Dan Barker* again taught the undergraduate petrology course and graduate courses in igneous petrology and thermodynamics of geologic processes. He will be on research leave for the 1967 fall semester, having received a National Science Foundation grant for research in the origin of feldspathoidal syenites and phonolites. In the spring he will teach courses in optical mineralogy and thermodynamics. Dan's promotion to Associate Professor will be effective in September 1967.

Dan attended the GSA annual meeting in San Francisco last fall, and in August will present a paper, "Textures, Composition and Origin of Graphic Granite," at the joint meeting of the Mineralogical Society of America and the Geological Association of Canada which will be held in Kingston, Ontario. He has completed, with Leon Long, a chemical and isotopic study of assimilation in a diabase sill (New Jersey) and has published a note on the application of plastic peel techniques to silicate rocks in *American Mineralogist*.

Dan spent the summer setting up his equipment in the new building and starting experimental investigations involving evaporite minerals and silicates at high temperatures and

pressures. He and Barbara have a second daughter, Amy Brennan, who was born April 10, 1967.

*Bill Behrens* forsook the life of a bachelor when he married on August 13, 1966. He and his new bride took a honeymoon trip through Mexico which included a visit to the marine biological station at Vera Cruz. He returned in time to resume charge of the seminar program at the Marine Institute at Port Aransas and to teach the regular marine geology and research courses. During the year he attended the GSA meeting, combining this with an examination of marine geological research vessels in San Francisco, Tiburon, San Diego and Los Angeles. He also participated in the GURC marine geology workshop at Bayview, Texas. He has published several papers this year and is continuing his study of the life history and ecology of *Serpulidae* (reef-forming marine worms) which is supported by a grant from the Central Power & Light Company. Bill spent the summer teaching the marine geology courses at Port Aransas.

*Charlie Bell* participated in the AGI Visiting Scientist Program this year, giving a series of lectures at Trinity University in San Antonio and at Midwestern University in Wichita Falls. He attended meetings of GSA in San Francisco and SVP in Berkeley last November, and also visited UCLA's Department of Paleontology. At a meeting of the Permian Basin Section of SEPM in Midland, he spoke on "Are There Any Paraconformities in the Permian Basin?"

During the school year Charlie taught historical geology, stratigraphy and advanced courses in Paleozoic biostratigraphy and paleontologic techniques. He served as Acting Chairman of the department during the second half of the 1967 summer session in addition to teaching historical geology. He hopes to have the Cambrian volume he's been working on in collaboration with Virgil Barnes completed by fall.

*Bob Boyer* attended the NSF Summer Short Course on Remote Sensing of Environment held at the University of Michigan in Ann Arbor the first part of the summer and taught the summer field course for secondary school teachers and the short course in elementary field geology the last half. In addition, he will be working as Consultant to the Earth Science Curriculum Project on their Field Study Guides and plans to finish a manuscript.

Bob serves on the Education Committee of AGI, the Executive Committee of the National Association of Geology Teachers and on the Publications Advisory Board of Hammond, Inc., publishers, and during the year attended their meetings in Boulder, Colorado, Dallas, Texas, San Francisco, California, College Station, Texas, and Maplewood, New Jersey. He presented a paper, "Field Study Guides for Earth Science Teachers," for one of the symposiums at GSA in San Francisco in November. In April he attended the GSA South-Central Section meeting in Norman, Oklahoma and presented a paper, "Interpretations of Joints and Air-photo Linear Features in Central Texas." That same month he lectured on the geologic history of the Llano Uplift at the Lamar Tech State

College Geological Society in Beaumont and led a field trip for the University of Oklahoma Academic Year Institute in the Llano Region of Central Texas. Bob was also a participant in the Texas Academy of Science Visiting Scientist Program last year, giving lectures in several Texas cities.

During the school year he taught the Geology of Texas, physical geology, regional geology of the U.S., and a graduate seminar in tectonics. In February he made a trip to Guatemala to inspect the dissertation field research of one of his Ph.D. students. He has published one paper, "What's Below the Earth's Surface," in *Nature and Science* and has another in press in *The Science Teacher*. In September 1967 he will be a full Professor.

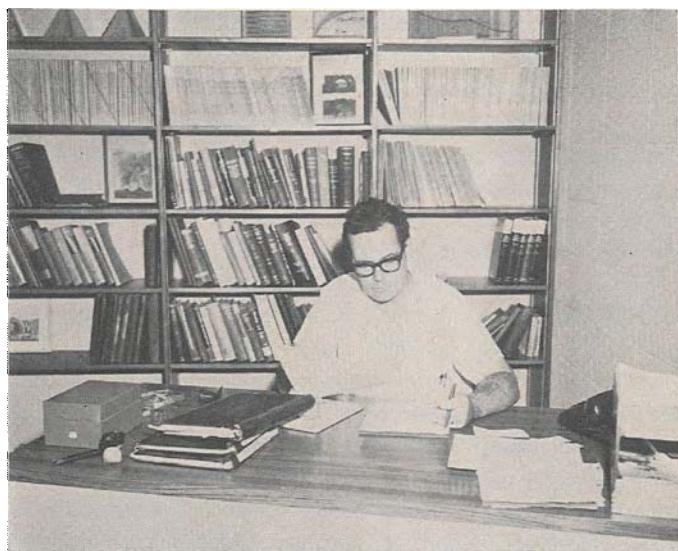
Bob was the recipient of a National Science Foundation grant in 1966-67 for a Cooperative College-School Project for Secondary School Teachers in Earth Science and he traveled to San Antonio each week in the fall semester exploring new teaching methods for earth science at the secondary school level. NSF has also given him a grant for 1967-68 for an In-Service Institute for Secondary School Teachers of Earth Science which covers Austin and its vicinity. His grant from the Federal Office of Education, which provides for four fellowship for prospective teachers of earth sciences, continues. Last, but certainly not the least, in the list of his accomplishments is his editorship of the national *Journal of Geological Education*.

*Fred Bullard* taught general geology and the graduate course in volcanology in the fall semester and the Latin American course in geology in the spring. One of the high spots for him in the fall was a short course on lunar geology given as part of the volcanology course by Dr. Jack Green, a Research Scientist with Douglas Aircraft Corporation. This course, which included a visit to NASA in Houston, was a stimulating experience and was well received by the students.

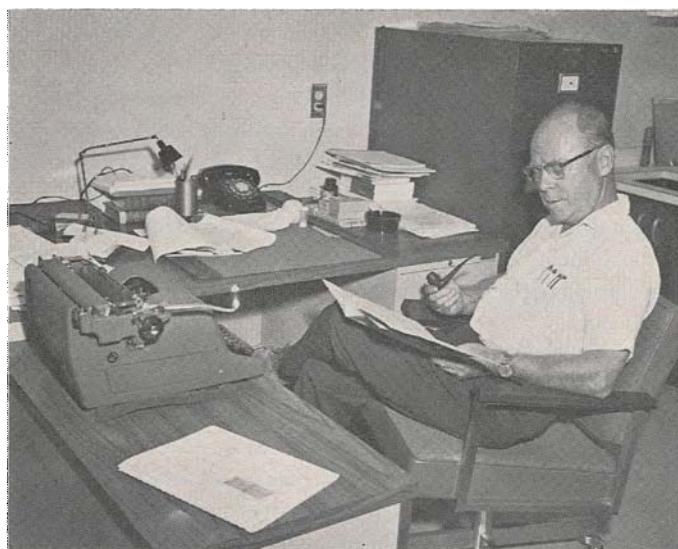
He attended the GSA meeting in November and in late January made a hurried trip to Baghdad, Iraq, as a consultant to the University's International Office in connection with the "Texas Professor Program" which the University conducts in Iraq. (Unfortunately, due to the Middle East situation, this program has been suspended for the coming year.) He served as a Visiting Scientist for the AGU, giving lectures at Albuquerque, New Mexico and Springfield, Missouri; this is the third year he has participated in this program. In addition, he lectured in several Texas cities and in Indiana, Florida and Louisiana.

Fred spent most of June moving into the new building and in July left for Flagstaff, Arizona, where he taught a four-weeks course on volcanology at Northern Arizona State University for a NSF Institute for Science Teachers.

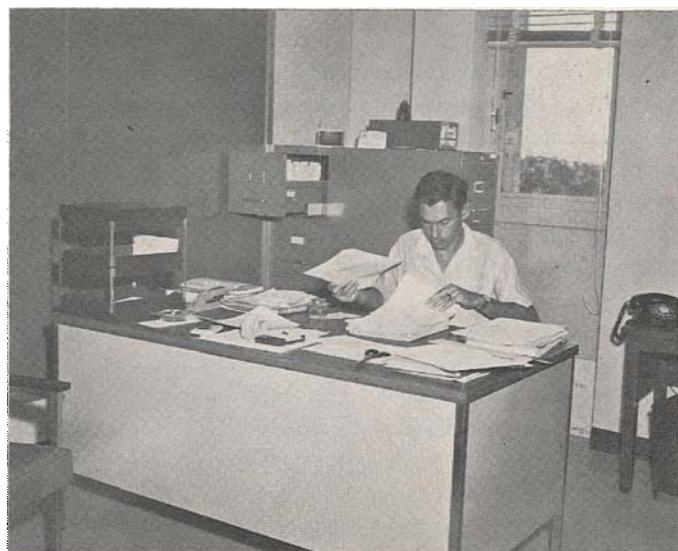
*Steve Clabaugh* enjoyed freedom from the chores of departmental chairmanship this year and the opportunity to dig into some of his favorite geological subjects again. However, his freedom was slightly "infringed upon" with an excessive load of committee assignments; he says maybe that's what old department chairmen are used for! He is on the Chancellor's



Dan Barker in his new office on the third floor.



(Above) Charlie Bell goes over his lecture notes in his third floor office while (below) Bob Boyer checks out manuscripts for the next issue of the *Journal of Geological Education*.



Faculty Committee on Policy, the Committee to Revise Curriculum for the B.A. degree, the Committee on Committees, the Program Committee for the Dedication of the New Building, and he continued to represent the department in the new building construction activities. Steve is a Councillor for GSA and is on that society's Budget Committee and the Committee to Relocate Headquarters and he attended their meetings in New York in March and in May.

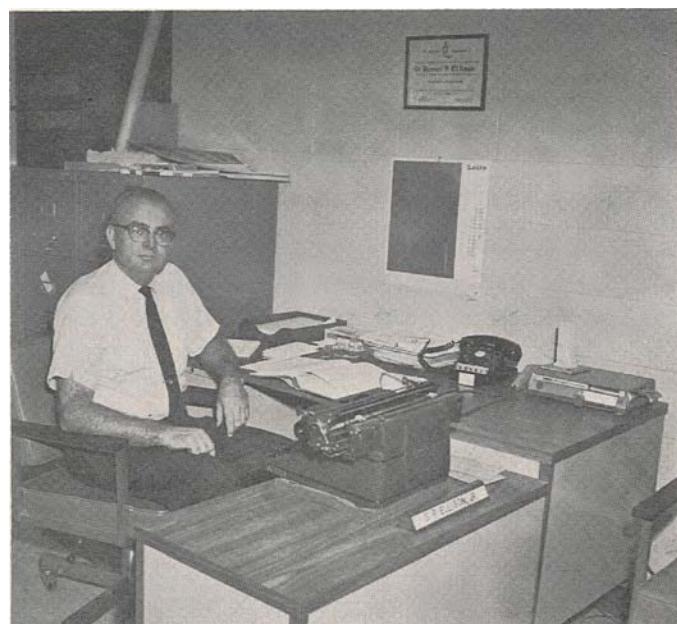
Steve taught courses in metamorphic petrology, optical mineralogy, elementary mineralogy and petrology this past year and in the fall will probably teach physical geology and petrography. He hopes to be on research assignment next spring. He went to the GSA meeting last fall and took the post-meeting field trip to Hawaii. In January he made trips to Stanford and the University of Montana as an invited speaker to give lectures on geology of the Big Bend-Rim Rock Country of West Texas. In April he went to Norman, Oklahoma for the first meeting—he was first chairman—of the South-Central Section of GSA. He is co-author of a paper in press (with Page Twiss, Ronald DeFord and Jack Wilson) on the chronology and vertebrate faunas of the Rim Rock Country.

Steve spent the first half of the summer in Austin, working chiefly with the move into the new building, then made a vacation trip with his family into Mexico. In late August and early September, he will go to Ontario, Canada, for the international meeting of several geological and mineralogical societies, including a 12-day field trip to examine Grenville metamorphic rocks.

*Ronald DeFord* completed his nineteenth and final year as Graduate Advisor of the Department of Geology. He is resigning this post effective at the end of the 1966-67 academic year and his successor will be Ed Jonas who has worked as his assistant for several years. Ronald began as assistant to Fred Bullard in the fall of 1948 and took over as Graduate Advisor in January 1949. He has been a vigorous and successful director of our graduate program and has demonstrated exceptional ability in guiding our graduate students.

In addition to his duties as Graduate Advisor this past year, Ronald taught physical and advanced geology and had charge of the Technical Sessions. In November he attended the GSA meeting in San Francisco and in April he was co-leader of a field trip to the Rim Rock Country for the department's graduate students and professors. In May he was invited to the Kansas State University in Manhattan to assay a proposed new Ph.D. program in geochemistry. Page C. Twiss (PhD '59), on sabbatical leave from Kansas State University, spent the past year here at UT working under Ronald on the geology of the Rim-Rock Country, Trans-Pecos, Texas. Page presented a paper on the results of their work at the GSA South-Central Section meeting in Norman, Oklahoma.

A "momentous" occasion for Ronald occurred last September 15 when he had his first car wreck in fifty years of driving which demolished his 1957 Jeep station wagon. His summer activities included the move to the new building, finishing the paper on stratigraphic nomenclature of northeastern Chihuahua,

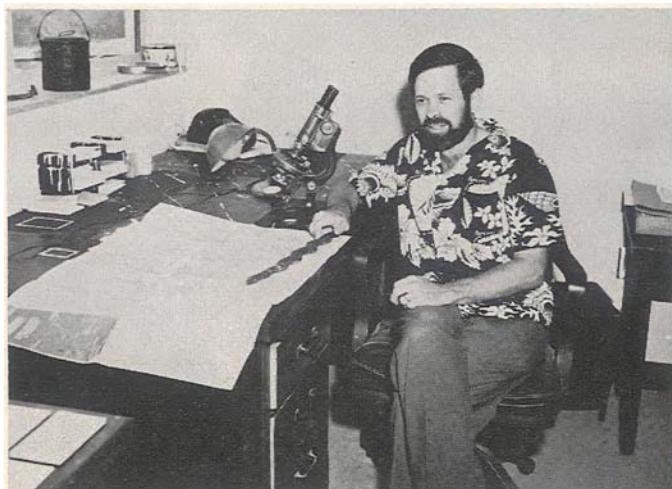


Sam Ellison looks most dignified in his new second floor office.

Mexico on which he is collaborating with Walter Haenggi and Ted Diaz, and "getting Don Reaser through his Ph.D. and his wife through M.D.'s and surgeons!"

Sam Ellison was as active as ever during the year. In November he attended the GSA meeting in San Francisco and in April the AAPG-SEPM meetings in Los Angeles. Sam was Austin District Representative to AAPG and was a member of SEPM's Best Paper Award Committee. In December, he went to El Paso to confer with W. N. McAnulty (PhD '53), Chairman of the Geology Department at Texas Western and to evaluate and suggest changes in curriculum, degree programs and recruitment practices. Then in January, he was invited to consult with administrative officers of Southwest Missouri State University in Springfield on plans for a new building and the development of a new department of geology. In February he was elected by the faculty to serve as General Chairman of the Dedication of the New Geology Building. He participated in the AGI Visiting Scientist Program, giving lectures in March at the University of New Mexico in Albuquerque and at Hays State College, Hays, Kansas. In March he also went to New Orleans as the University's representative to the Board of Governors Meeting of the Center for Research in College Instruction of Science and Mathematics. Sam serves as Chairman of the GSA-AGI Editorial Advisory Committee for Foreign Bibliography and Abstracts and attended meetings of this committee, held in Washington, D.C., in February and April. The month of April also found Sam at the GSA South-Central Section meeting in Norman, Oklahoma, lecturing to High School Counselors at the University of Houston and to a graduate geology seminar at Rice University.

In addition to his "traveling" activities, Sam taught courses



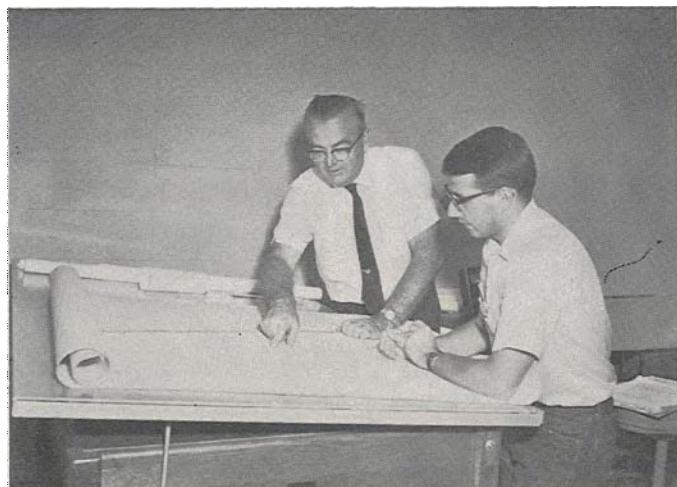
**Bob Folk sports a new Tahitian shirt (and a beard)—souvenirs of his recent trip!**

in micropaleontology, general geology, the geology of petroleum and geology for high school teachers. Next fall he will again teach a special small section of general geology for students with superior scientific background. This summer Sam taught the nine-weeks Earth Science Summer Institute course and "time left over" was spent in writing papers. His "Third Supplement to Conodont Bibliography and Index" appeared in the April 1967 *Texas Journal of Science*.

*Peter Flawn, Bill Fisher and Pete Rodda* all took active parts in teaching this year in addition to their work for the Bureau of Economic Geology, and *Virgil Barnes* continues to work closely with our graduate students. The activities of these men are reviewed more fully in the section of this *Newsletter* devoted to the Bureau.

*Bob Folk* left the campus in mid-June (right after moving into the new building) with his graduate student, Jim Dohkins, for Tahiti to do research on shape development which was supported by funds from the Geology Foundation. Unfortunately, after having been in Tahiti for only a few weeks, he came down with pneumonia and had to return to Austin. His recovery was a slow process, which made him unhappy since he had planned to spend the rest of the summer working "furiously" on the Simpson Desert sands of Australia and finish his paper on bird urine. But at least he got to spend some time reading lots of desert and red-bed literature!

During the school year, Bob taught courses in sedimentation, carbonate petrology and the petrography of sandstones. He also served as one of the instructors of the sedimentation graduate courses offered by the University at Midland last fall. He co-authored a paper, "Portrait of P. D. Krynine," which appeared in the *Journal of Sedimentary Petrology*, and has one in press in the *Journal of Geology*, "Geomorphology of Sand Cays of Alacran Reef." Last November, he presented a paper, "Sands of the Simpson Desert, N. Territory, Australia," at GSA, and as soon as the meeting was over he trav-



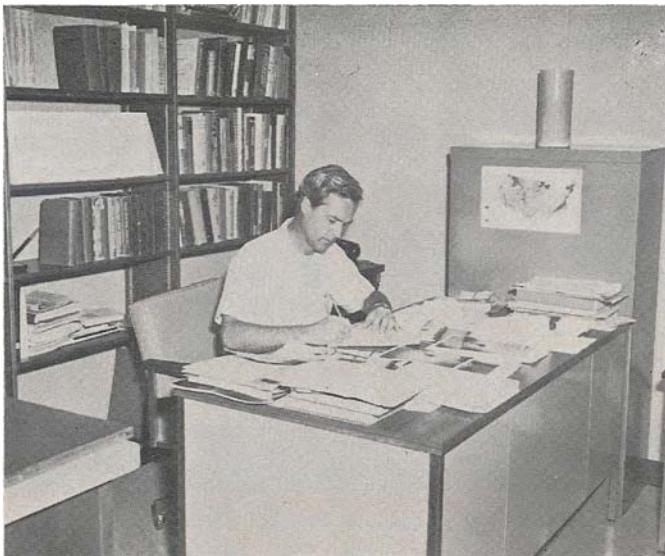
**Sam Ellison and Graduate Student Luis Ardila do some "checking" in Sam's laboratory which adjoins his office.**

eled to Boulder, Colorado to give a lecture. This was at the first annual convention of the Friends of the Microscope Society. He was an AGI Visiting Scientist, lecturing at the University of Mississippi and Mississippi State College. Bob also found time to add a Chinese pagoda to the top of his house and he is still avidly gathering foreign coins and stamps for his collection (this last is a hint for our exes!).

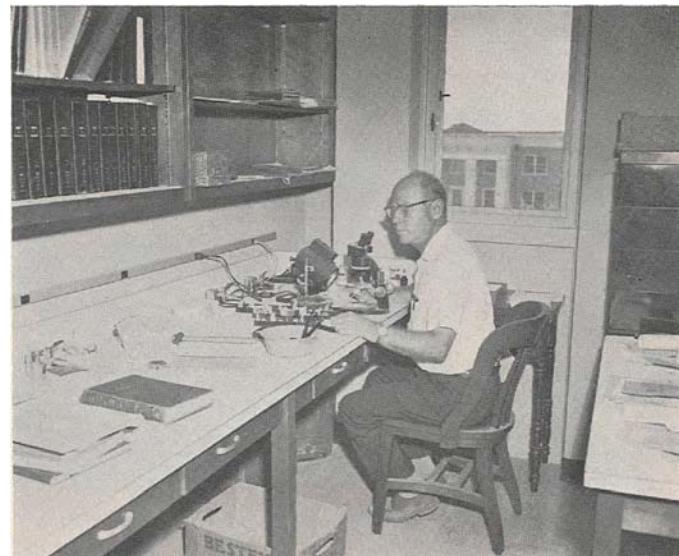
*Claude Horton*, who holds a joint appointment as Professor of Physics and Geology, again taught the graduate course in geophysics as well as remaining active in the Physics Department. Claude's prime research interest is in acoustic waves and two papers on this research were published during the year in the *Journal of the Acoustical Society of America*. Another paper, "The Electrical Conductivity of the Earth's Mantle," appeared in *Magnetism and the Cosmos*. He is chairman of the Visiting Scientific Committees for Woods Hole (Massachusetts) Oceanographic Institution. He is a member of the Acoustical Society of America and he attended its annual meeting in New York City in April. Claude's summer was spent in Austin revising the manuscript of his book, tentatively titled *Signal Processing of Acoustic Waves*.

*Earl Ingerson* was awarded two research grants during the year, one from the University Research Institute for hydrothermal research and the other from NSF for the study of age and formation of caliche. He taught general geology and the graduate course in geochemistry this year and next year will teach a course in structural petrology. In the fall he went to Mexico to check areas around Zacatecas and Durango for thesis and conference courses, returning in January to conduct geological field investigations in the area southwest of Torreon and to visit phosphate deposits at Conception de Oro. In December he made a tektite search in Grimes County and in March went to Karnes County to check uranium deposits.

As President of the International Association of Geochemistry and Cosmochemistry, he presented the opening ad-



**Ed Jonas, new Graduate Advisor for the Department.**



**Charlie Bell at his microscope in the Paleozoic Paleontology Laboratory on the fourth floor.**

dress of the Symposium on the Origin and Distribution of Elements, held in Paris, France in May 1967, and jointly sponsored by IAGC, IUGS and UNESCO. Earl is Chairman of AGI's Committee on Geological Education in Brazil and attended meetings of this committee in Washington, D.C. and Chicago. He also attended GSA in San Francisco.

Earl spent the summer months as Consultant for Esso Production Research Company in Houston. In September he will go to Zurich, Switzerland to represent IAGC at the general assembly of IUGS. His most recent paper, "Literature of Geochemistry," co-authored with R. Leo, is currently in press in the *Journal of Chemical Education*.

*Ed Jonas* was all set to go to Baghdad in June when the explosive situation in the Middle East erupted and left him stranded! Ed was to have spent the 1967-68 academic year teaching and helping organize an X-ray diffraction lab in the College of Sciences at the University of Baghdad as part of the University's Visiting Professor Program. He had also planned to visit Herman Roberson in England, who is spending a sabbatical there doing research on clays, and to visit Mario Messina, who works for Milwhite Mud Sales in London. As Robert Burns said, the best laid plans . . . ! So Ed found himself spending the summer in Austin re-planning his activities for next year. Needless to say, he was not "unbusy" since he had been taking care of the furnishings for the new building and there was still a great deal to be done in this respect.

Ed taught courses in general geology, mineralogy and petrology of shales during the year plus being Acting Graduate Advisor. In September 1967 he takes over the "reins" as Graduate Advisor.

In October, Ed went to Pittsburgh for the annual meeting of The Clay Minerals Society and presented a paper, "Size

and Shape of the Bentonitic Montmorillonite Crystals." At the meeting, he was elected a Councilman for the Society. In November he went to GSA in San Francisco, and in April attended the South-Central Section meeting of GSA held in Norman, Oklahoma. Ed's publication on "The Preparation of Montmorillonite for Random Orientation" appeared in the *Clay Mineral Bulletin*.

*Wann Langston*, vertebrate paleontologist for the Texas Memorial Museum, continues on our staff part-time during the year teaching general geology and vertebrate paleontology. He recently received a two-year NSF grant for the study of vertebrate fossils of late Cretaceous age from the Big Bend National Park. At the annual meeting of the Texas Academy of Sciences, Wann presented a paper on the thick-headed Ceratopsian dinosaur, *Pachyrhinosaurus*. He has had three papers published during the academic year; one on a new species of Permian reptiles from New Mexico appeared in the *Journal of Paleontology*, one on a Canadian dinosaur was published in the *Canadian Journal of Earth Science*, and one appeared in *Copeia*. He has two other papers in press.

Wann spent the months of June and July doing research at the National Museum of Canada in Ottawa, and in August went to New York City to do additional research at the American Museum of Natural History.

*Leon Long's* summer was quite a busy one—moving into the new building and getting his mass spectrometer reassembled and working and continuing his research on age determinations of rocks from northern New Mexico and New York by the Rb-Sr method. He is also collaborating with Dan Barker on a petrological investigation. Keith Bell, a post-doctoral fellow from Oxford who has worked with Leon for the past two years, completed the Rb-Sr study of igneous rocks which he had collected in Uganda. Larry Grisham, a high



Dan Barker admires his new atomic absorption spectrophotometer.

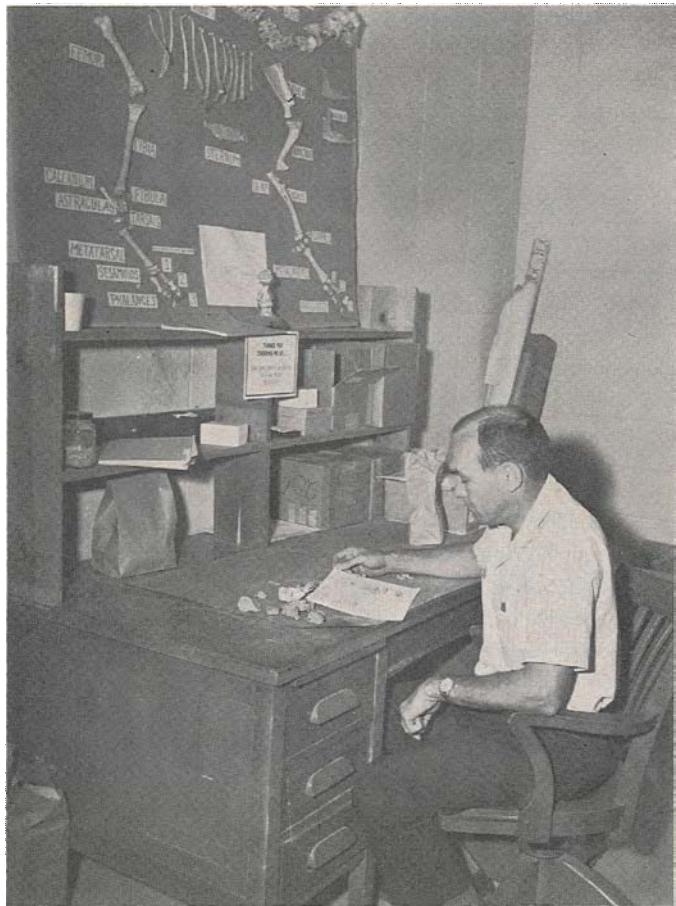
school student, was selected as one of the 40 Westinghouse Science Talent Search finalists for work done here at UT under Leon last summer.

Leon attended the annual GSA meeting in San Francisco last fall, participating in the Yosemite National Park field trip and coming home by the way of Albuquerque, New Mexico, to obtain sample collections for his research. In April he went to Washington, D.C. for the annual AGU meeting. In June he presented a paper at the Workshop on Common Lead and Common Strontium in Denver, Colorado and went from there to the Conference on Pre-Cambrian of the World in Edmonton, Canada, and participated in the field trip to Yellowknife, N.W.T.

During the year, Leon taught general geology and the advanced course in isotope geology. He has published one paper this year and has three articles in press for the *Encyclopedia of Earth Sciences* (Volume 4).

*Ernie Lundelius* again returned to Australia the last of December to spend eight weeks collecting additional Pliocene mammal fauna which he had originally begun collecting in 1964. While there he presented a paper, "Pliocene Vertebrata Fauna from Victoria, Australia," at a symposium of the Australia-New Zealand Association for the Advancement of Science, which was held in Melbourne. His trip was supported by grants from the University Research Institute and the Geology Foundation. Ernie also attended the GSA meeting in San Francisco and at the SVP meeting in Berkeley gave a paper on the early Pleistocene vertebrate fauna from Central Texas. His most recent publication, "Marsupial Carnivore Dens in Australian Caves," appeared in *Studies of Speleology*.

During the year Ernie taught general geology and paleobiometrics which he will again teach next year. For the first half of the summer, he was Acting Chairman of the depart-



Ernie Lundelius with his "bones" in his second floor laboratory.

fent in addition to teaching the freshman geology course. The second half of the summer was spent working on his manuscript on Pliocene fauna from Australia.

*Hoover Mackin* has completely recovered from the open heart surgery he had last year and he continually amazes all of us with his activities and his travels—not to mention his teaching duties and the work he does with his graduate students! He taught geomorphology in the fall semester and a course in map and air photo interpretation in the spring. His research grant from NASA for the study of ignimbrites (volcanic ash and welded tuffs) in the Cordilleran region has been renewed. His publications during the year included "Geologic Interpretation of an Aeromagnetic Survey of the Iron Springs District, Utah," with Richard Blank, and "Quaternary Geology of West-Central Idaho," with D. L. Schmidt. Both appeared in the *U.S. Geological Survey Professional Papers*. Another paper on the iron ore deposits of Iron Springs District, Utah, for the AIME Graton-Sales Memorial Volume is in press.

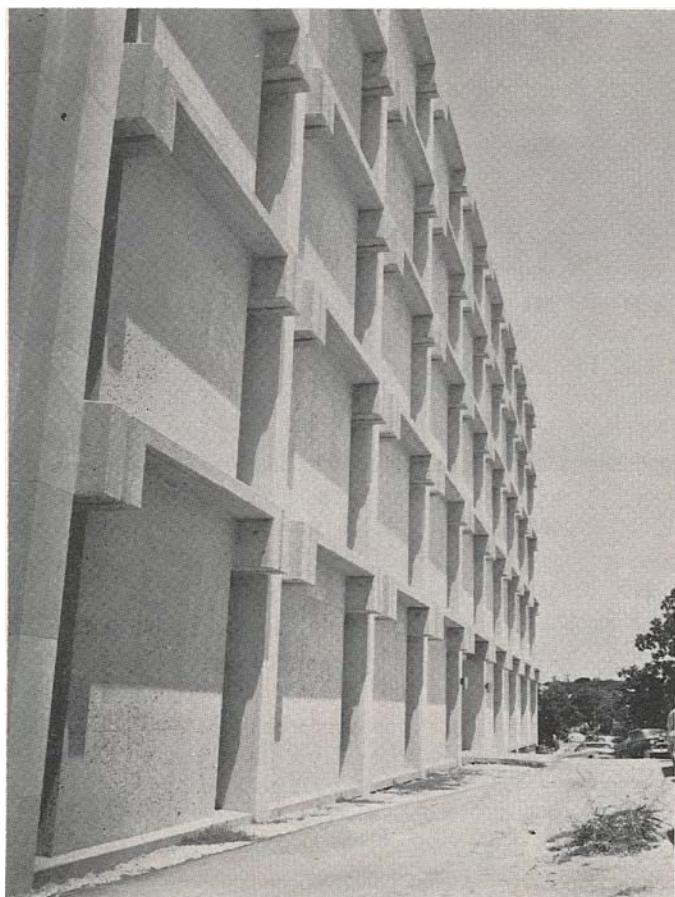
As a participant in the AGU Visiting Scientist Program, Hoover gave lectures at Western Michigan University in November, at the University of North Carolina in December, at the University of Massachusetts in April and at Yale and the University of Wyoming in May. He went to GSA last No-

vember and took the post-meeting field trip to Hawaii. He also found time to make several trips to Washington, D.C., since he is Chairman of the Earth Science Division of the National Research Council and Chairman of the NASA Field Geology Team, and to take part in a symposium on lunar geology held at the University of Michigan.

Part of the summer found Hoover doing field work and thesis supervision in Utah, West Texas, Wyoming and western Mexico, and part of it in Austin "writing." In August he went to Santa Cruz, California, to participate in a two-weeks NASA conference. In early September, he will go to Turkey for a meeting of the International Association of Hydrogeologists and in late September he will be a delegate to the International Union of Geodesy and Geophysics which will be held in Switzerland.

*Earle McBride* again taught the field geology course at Marathon the first part of the summer and in August he went to Mexico to continue his field research on the Parras Basin. During the year he served most effectively as Assistant Chairman of the Geology Department and taught courses in general geology, petrography of sandstones and advanced sedimentation. Earle also was one of the instructors of the course in sedimentation given at Midland during the fall which was sponsored by our department and the Extension Division Service of UT. In October, he served as Field Trip Leader-

**Another close-up of the projecting "sunshades" on the south side of the building.**



Consultant for Pan American Petroleum Corporation on a trip to the Marathon-Alpine Region, and then took part in a field trip to western Arkansas and eastern Oklahoma which was sponsored by the Kansas Geological Society.

Earle went to San Francisco in November for the GSA meeting and from there to Boulder, Colorado to attend the meeting of the Friends of the Microscope Society where he participated in a discussion on problems in thin section petrology. In March he gave a paper, "Sedimentology of the Woods Hollow Formation, Marathon Basin, Texas," at the annual meeting of the Texas Academy of Science in College Station, and lectured at the Mobil Field Research Laboratory in Dallas. At the GSA South-Central Section meeting in Norman, Oklahoma, he spoke on the stratigraphy and origin of the Maravillas Formation of the Marathon Basin. Earle was elected Councilor for Mineralogy for SEPM at the annual AAPG-SEPM meetings held in Los Angeles in April.

*Bill Muehlberger* had quite a challenging and stimulating year learning the "trials and tribulations" of being Chairman of a large and active department, plus teaching the undergraduate and graduate courses in structural geology. In addition, he continues active in national scientific organizations, serving as Chairman of the NAS-NRC Earth Sciences Postdoctoral Fellowship Committee, as Council member of Education in Geological Sciences for AGI, and as Consultant for GSA's Program Committee.

Bill's paper, "Pre-Cambrian Development of Central United States," was given at GSA last November and again for a geology seminar at L.S.U. in January; it will be published this fall in AAPG. Prior to the GSA meeting, he met with the U.S. Geological Survey in Menlo Park for consultation on the basement geological map which is scheduled to appear by the end of this year. His salt symposium papers are in press with GSA and AAPG.

**Earle McBride, Assistant Chairman of the Department, in his office on the third floor.**

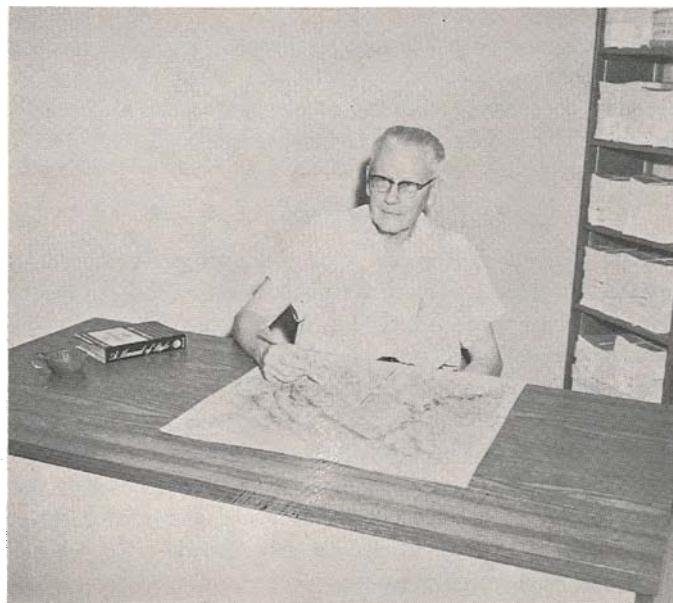


In January, he went to Washington, D.C. to participate in the AGU meetings and for the NAS-NRC Fellowship Awards Committee meeting. March was an exceptionally busy month for Bill. He lectured on Pre-Cambrian development of the Mid-continent region at S.M.U. and led a field trip to the Big Bend area as part of the exploration course sponsored by Mobil Oil Corporation's Field Research Laboratory. He went to Palo Alto, California for an AGI Executive Council meeting, to the GSA South-Central Section meeting in Norman, Oklahoma and to the annual Texas Academy of Science meeting in College Station.

In June, Bill went to Edmonton, Canada to present a paper at the International Union of Geological Sciences and the Conference on Pre-Cambrian of the World, and he stopped off for a short visit with one of his students, Hugh Balkwill. In July he went to Chestnut Hill, Massachusetts to participate in the NSF Advanced Science Seminar on Rock Mechanics held at Boston College, taking time out for a one-week field trip to Rio de Janeiro. In August he went to New York to attend GSA Program Committee meetings, and from there to Washington, D.C. for a meeting on the Fulbright Awards Committee, returning just in time to get "the new building settled" before the new school year starts.

*Ed Owen* faithfully commuted to Austin from San Antonio during the school year to guide the Geology Technical Sessions and program of speakers and to supervise the research of graduate students—and all this without pay! He serves on the Advisory Council of the Geology Foundation and is a part-time consultant for Southern Minerals Corporation. Ed continues to be active in national and local geological organizations. He gave talks at meetings of the Corpus Christi and West Texas Geological Societies on "The Economics of Oil Discovery—an Historical Critique," and attended the annual AAPG meeting in Los Angeles. In June he was Visiting Lec-

**A rare shot of Ed Owen—rare in that it's hard to catch him still long enough to get a photograph!**



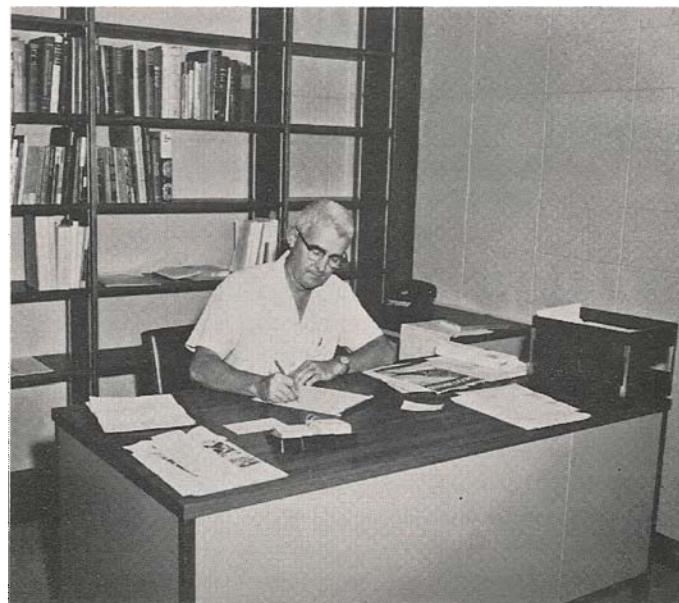
turer for a Short Course in Petroleum Geology at the University of Tulsa; the rest of the summer was spent in working on his manuscript, "History of Petroleum Geology," for AAPG.

*Al Scott* spent last August and part of September teaching the field course in coastal geology at the Marine Institute at Port Aransas and this summer he is working in the clastic facies section for Esso Production Research Company in Houston. During the year he taught courses in historical geology and paleoecology, and taught part of the course in sedimentation given at Midland, where he got to see many old friends. He was in charge of the Teaching Assistants for the freshman geology course and headed the departmental Awards Committee which reviews all applicants for fellowships and assistantships.

In March Al participated in the Gulf Universities Research Corporation workshop at Harlingen, Texas and on spring vacation he led a field trip for Esso in the Corpus Christi-Fort Worth-Austin areas. He also attended the AAPG meeting in Los Angeles in April and in May went to Baton Rouge, Louisiana for the Symposium on Deltaic Sedimentation, sponsored by the Coastal Studies Institute of L.S.U. Al is still working on Recent sediments and hopes to begin work soon on an atlas of Texas Gulf Coast depositional environments. He's also getting interested in Cretaceous analogues in North and Central Texas.

*Jack Wilson* continues his supervision of the Vertebrate Paleontology Laboratory at Balcones Research Center. The Lab has been granted its own budget, effective in September 1967, for the first time by our administration. Jack taught courses in general geology and vertebrate paleontology and made several short fossil-collecting trips to the Big Bend country during the year with his graduate students. In November he went to GSA in San Francisco and to Berkeley for the

**Jack Wilson makes some last-minute notes for a manuscript. Jack's office is in the second floor complex.**





**View of the departmental office on the first floor:** Staff personnel, reading from left to right, are Miss Rita Ray, Mrs. Gloria Hull, Mrs. Lavergne Sanders, Mrs. Birdena Schroeder, and Mrs. Joyce Best.

SVP meetings. He stopped off on the way to visit the Los Angeles Museum. In March he gave a paper, "Position of the Tertiary Shorelines, Texas Coastal Plains," at the GSA Southeastern Section meeting in Tallahassee, Florida, and in April went to Mexico City. There he consulted with the Director of the Instituto Geología de México on Ph.D. problems of graduate students and gave lectures on the biostratigraphy and geochronology of the Vieja Group to the Geological Society of Mexico and to the Department of Geology at the University of Mexico. Jack was recently elected commissioner for AAPG on the American Commission of Stratigraphic Nomenclature.

Jack remained in Austin during the summer, outside of making a few collecting trips to West Texas, finishing up his Vieja manuscript.

Jack's wife, Marge, had heart surgery in August at St. Luke's Hospital in Houston, and at this writing is recovering beautifully. The Wilsons' oldest son Ken is a Ph.D. aspirant in biochemistry at Texas A & M; Steve is in business administration at Southwest Texas State College in San Marcos; and Chris, the youngest, spent the summer in Germany, returning in September to enroll at UT as a sophomore.

*Keith Young* was on research leave for the fall semester on a grant from the University Research Institute and in the spring taught stratigraphy and historical geology. However, a great deal of his time during the year was spent "hidden in the attic" curating the departmental collections in preparation for the move to the new building. Any time he had left over was used in mapping the geology of Austin and the major parts of five  $7\frac{1}{2}$  minute quadrangles have been completed. Keith is still working on ammonites (any and all he receives are greatly appreciated!) and his paper, GSA Memoir #100,

"Texas Mojsisovicziinae (Ammonoidea) and the Zonation of the Fredericksburg," published in December 1966, revises the biostratigraphy and the ammonites of rocks of Fredericksburg age in Texas and northern Mexico. He has also had accepted for publication a paper on ammonites from Texas heretofore known only from Angola.

Keith attended GSA in November and the meeting of the GSA Rocky Mountain Section held at Golden, Colorado in May, at which he participated in the symposium on Cretaceous paleoecology. Ann accompanied him to the meeting in Golden and they took the "long way round" to attend the 50th wedding anniversary of his parents in Buffalo, Wyoming. Keith continues to head our Geology Library Committee, is a member of the Main University Library Committee and is Chairman of the Development Committee of Geoscience Information Society. He was recently named an honorary "Fellow" of UT's Library Staff Association.

During the summer Keith is on assignment to write a short



**Mrs. Thelma Guion, our Geology Librarian.**

history of geology at UT and he plans to visit his graduate students in Coahuila and South Dakota. Other "items on the agenda" are mapping another quadrangle of the Austin area and taking Ann and the boys to a few games in the Astrodome!

### Other Staff

Mrs. Birdena Schroeder, Our Administrative Assistant, continues to manage the departmental office and keep things running on an even keel. She is enjoying the expanded office space in the new building, which is almost twice that occupied in the old one. Birdena is assisted in the main office by Mrs. Lavergne Sanders, who handles all departmental purchases, Mrs. Joyce Best and Miss Rita Ray, who is employed on a part-time basis. Mrs. Mary Gaddis continues to take care of the secretarial work in the Graduate Advisor's office. Secretaries in the other offices include Mrs. Beverly Aldridge, Mrs. Sherry Davis and Mrs. June Thompson.

Geology Foundation matters are still being handled by Mrs. Angel Leshikar, who also takes care of the alumni records and edits the *Newsletter*. Mrs. Thelma Guion, our Geology Librarian, had a busy summer getting settled in her new and spacious quarters on the third floor. She and her assistants will probably have to resort to using roller-skates in getting from one section of the library to another!

E. Mott Davis, Associate Professor of Anthropology will continue as Director of the Radiocarbon Dating Laboratory in the fall, while Salvatore Valastro, Jr. will continue as Associate Director. Mrs. Margaret Skeels Stevens, who served as preparator for the Vertebrate Paleontology Laboratory this past year, is leaving in August and will be replaced by Jack Rainey. Ernest Woehl, who joined our staff last fall as Technical Assistant, takes care of the vehicles and other equipment for the department. Truman Stewart, who was employed last spring, is operating the new machine shop for construction of laboratory apparatus.



Mrs. Mary Gaddis, secretary to the Graduate Advisor.

## Notes from the Bureau of Economic Geology

The Bureau this summer completed its long-awaited move from ancient quarters on the Little Campus, which it had occupied for 40 years. The administrative, research, cartographic, and secretarial staffs now occupy the fifth floor of the new Geology Building on the Main Campus of The University of Texas at Austin. The Bureau's library is being merged with the Geology Library. The large collections of fossils, rocks, and minerals are temporarily stored in J Hall on the Little Campus. That building, however, is scheduled for demolition. Plans are being made to house the collections at Balcones Research Center on the northern edge of Austin.

Now at Balcones Research Center are the Bureau's Well Sample and Core Library, supervised by Mr. Marce L. Morrow, and the Mineral Studies Laboratory, Mr. Daniel F. Schofield, chemist-in-charge. The Well Sample and Core Library offers facilities for geologists and other interested persons to

examine and study the cuttings and cores retrieved from many oil, gas, and water wells drilled in Texas. The Mineral Studies Laboratory analyzes and tests samples of Texas rocks and minerals, chiefly in support of the Bureau's research projects.

Two additional facilities at Balcones Research Center will become part of the Bureau of Economic Geology on September 1: the Radiocarbon Laboratory (Professor E. Mott Davis, Director, and Mr. Sam Valastro, Jr., Associate Director) and the Vertebrate Paleontology Laboratory (Professor John A. Wilson, Director).

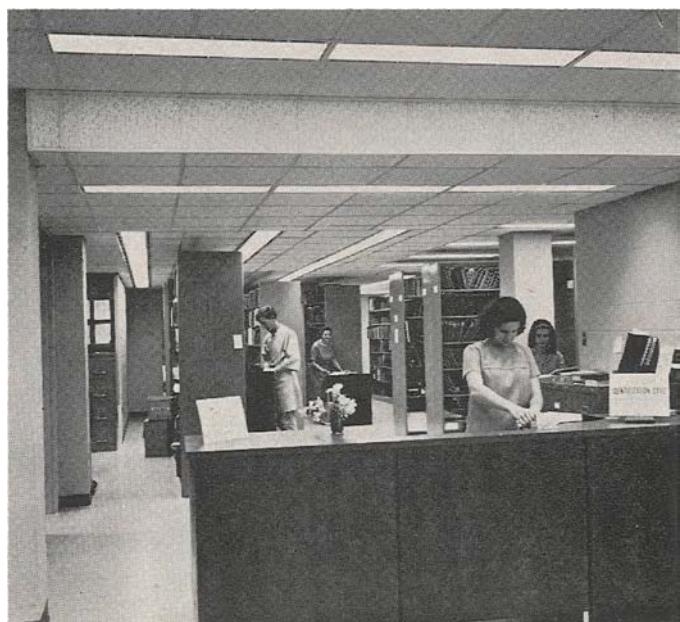
The Bureau's major long-term project, the Texas Geologic Atlas, has as its aim a new geologic map of the State to be issued as a series of 37 sheets. Dr. Virgil E. Barnes is the project director. The Lubbock Sheet of the Atlas, the third sheet of the series to be published, was issued in April. The Sherman Sheet is in press and is expected to be available soon. Also scheduled for early publication are the Houston, Beaumont, Van Horn-E! Paso, and Palestine sheets.

Gus Eifler completed the Plainview Sheet several months ago and that sheet has now been scribed and is being reviewed by the Panhandle Geological Society Geologic Atlas Committee. Gus has also finished mapping the Amarillo Sheet and the Texas part of the Perryton Sheet. He is now mapping the Texas portions of the Dalhart, Tucumcari, Clovis, and Brownfield field sheets.

Frank Brown and Jerry Goodson are working on the Abilene Sheet, which is nearing completion. Jerry Goodson leaves the project in September for work on a Ph.D. degree at The University of Texas. Cleo V. Proctor completed a portion of the Waco Sheet before leaving for Colorado State University in Fort Collins where he will work on his Ph.D. degree.

Joe McGowen has mapped the western part of the Dallas Sheet and will see this sheet and the Waco Sheet to completion. He will then continue southward on the Austin Sheet.

View of the stacks in the Geology Library.



Don Reaser, who has been working on the Dallas Sheet of the Atlas while completing his requirements for a Ph.D. degree in geology at The University, has accepted a position at West Texas State University in Canyon this fall.

Two former Bureau staff members returned to the Geologic Atlas Project for several weeks during the summer. Dr. Tom E. Brown, Professor of Geology at Stephen F. Austin State University in Nacogdoches, spent July and August field-checking the eastern portion of the Austin Sheet. Mrs. Charles (Mary Kathryn) Pieper, a photogeologist with the Geologic Atlas Project before moving to Nashville, Tennessee, last summer, worked on the Seguin Sheet during June and July before accompanying her husband to Brazil.

During the summer, Saul Aronow completed the office-compilation portion of the geology of the Beeville-Bay City Sheet and the southeastern part of the Seguin Sheet.

Another of the Bureau's major projects, the urban geology of Austin and vicinity, is progressing under the direction of Pete Rodda and Keith Young. Also at work on the Austin Project are Ed Garner and Lyman Dawe.

Next March 14-15, the Bureau will be host for the 14th Annual Forum on Geology of Industrial Minerals. Meetings will be held at the Villa Capri in Austin. Themes of the Forum will be "Geology of Chemical Raw Materials" and "Depositional Models in Economic Stratigraphy." Dr. John B. Patton of the University of Indiana will deliver the keynote address.

### Geologic Research Staff Activity

*Virgil Barnes*, the Bureau's Associate Director, also is Director of Tektite Research. Last winter, the National Science Foundation notified him of an additional grant that will support his tektite studies for two more years. He is now examining material collected during trips to tektite localities around the world for further clues to the origin of these glassy objects.

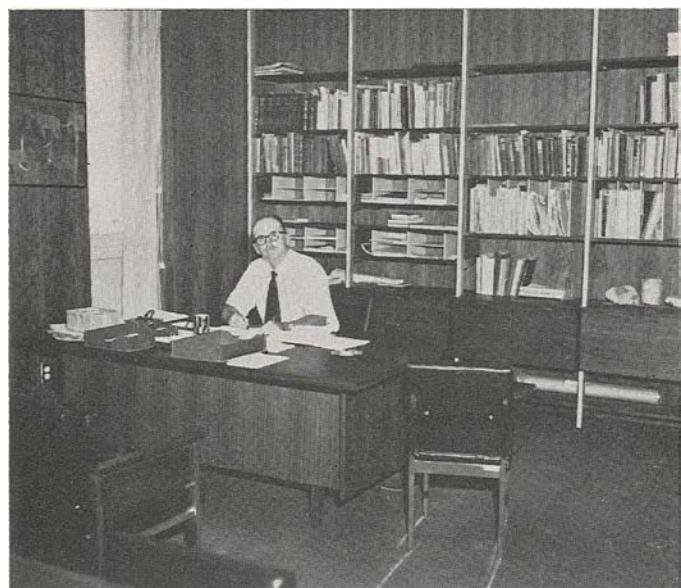
Virgil also is continuing work on two long-term research projects. One, with Charlie Bell, is a stratigraphic and paleontologic study of the Cambrian and immediately overlying rocks of central Texas. Another is a stratigraphic study, with Preston Cloud, Jr., of the erratically preserved Paleozoic rock sequence from the top of the Ellenburger to the base of the Marble Falls in central Texas.

Several of Virgil's geologic quadrangle maps were published by the Bureau this spring: Cave Creek School (Gillespie County), Monument Hill (Blanco County), and Yeager Creek (Blanco and Hays counties).

Last September, Virgil returned from Kyoto, Japan, after attending the 6th International Congress of Electron Microscopy. In May, he attended the annual meeting of the Association of American State Geologists in Lincoln, Nebraska. This summer, he lectured to the Secondary School National Science Foundation Students on August 7-8 at Texas A&M University.

*Frank Brown* is concluding his study of channel-fill sandstones of north-central Texas and also is mapping and field-checking the Abilene Sheet of the Texas Geologic Atlas.

Since returning to the Bureau staff last year after six years as Professor of Geology at Baylor University, Frank has been much in demand as a speaker. Last October, he gave a talk in Wichita Falls entitled "Stratigraphy of Upper Pennsylvanian and Lower Permian in North Texas," at The University of Oklahoma and The University of Kansas Graduate Students Field Trip. In November, he gave a talk, "Careers in Earth Science," to students of Sidney Lanier High School in Austin. At the annual meeting of the Society of Economic Paleontologists and Mineralogists in Los Angeles last April, he presented a paper, "Role of Compaction in Development of Geometry of Superposed Elongate Sandstone Bodies." Also in April, at the Soil Survey Technical Work-Planning Conference held at Texas A&M University, he gave a talk, "Progress and Plans in the Bureau of Economic Geology." In March, he gave a talk to the West Texas Geological Society in Midland



Peter Flawn, Director, in his new quarters on the fifth floor.

and in May to the Abilene Geological Society in Abilene entitled "Geometry of Superposed Elongate Sandstones, North-Central Texas."

This spring, Frank conducted a field trip to Shackelford and Callahan counties for geology students of Hardin-Simmons University. He plans to present a paper at the West Texas Geological Society's Symposium on Cyclic Sedimentation to be held in Midland during October.

*Gus Eifler* usually spends about ten days of each month in the field doing surface mapping and field-checking in the Texas Panhandle for the sheets (mentioned above) of the Texas Geologic Atlas. The Lubbock Sheet of the Atlas, for which Gus did the mapping, photogeology, and field-checking, was published in April.

Last fall, Gus attended the West Texas Geological Society's Symposium on Economics and Petroleum Geologists, held in Midland. This spring, he worked on the College Loyalty

Alumni Support Program (CLASP) for The University of Texas Department of Geology. Gus is a member of the Legislative Committee of the Texas Section of the American Institute of Professional Geologists. During the 1966-67 administrative year of the Austin Geological Society, he served as Chairman of the Public Relations Committee and as Chairman of the Nominations Committee; during 1967-68, he is serving as Chairman of the Program Committee. Gus also was appointed a member of the Entertainment Committee for the dedication of the new Geology Building, to be held in November.

*Bill Fisher* spent three months this spring as a Visiting Professor of Geology at Southern Illinois University in Carbondale, where he taught a seminar in terrigenous depositional



Entrance to the Bureau of Economic Geology.

systems and developed an undergraduate course in mineral resources. Bill also is a lecturer in The University of Texas Department of Geology.

During the past year, the results of two of his studies with Pete Rodda were published by the Bureau as Report of Investigations No. 58, "Nomenclature Revision of Basal Cretaceous Rocks Between the Colorado and Red Rivers, Texas," and No. 59, "Lower Cretaceous Sands of Texas: Stratigraphy and Resources."

Last fall, Bill attended the West Texas Geological Society's Symposium on Economics and Petroleum Geologists in Midland. In February, he gave a talk on Texas mineral resources at the Resource-Use Workshop held in Fort Worth, and in July he gave a similar talk at the Eighth Texas Small-Schools Workshop held in Austin.

At the 3rd Annual Forum on Geology of Industrial Minerals held at The University of Kansas in Lawrence, he gave a talk entitled "Stratigraphy and Origin of Edwards Dolomite." This spring, Bill was elected to the Steering Committee of the

Forum on Geology of Industrial Minerals. He will serve as General Chairman of the 4th Annual Forum to be held in Austin next March. He is at present completing a three-year study of depositional systems in the Texas Wilcox.

*Peter Flawn*, the Bureau's Director, also is Professor of Geology at The University. Late last year, his new book, "Mineral Resources: Geology, Engineering, Economics, Politics, and Law," was published by Rand McNally & Company. It is designed as a text for an interdisciplinary course in mineral resources.

Last fall, Peter was elected to the Board of Directors of the American Geological Institute. He attended meetings of the Board in Washington, D. C., in January, in Los Angeles in April, and in Dallas in June. While in Los Angeles, he also attended the meeting of the House of Representatives of the American Geological Institute and the annual meeting of the American Association of Petroleum Geologists.

In November, he presented a talk, "Planners in Flatland—A Tragedy in Many Dimensions," to Sigma Gamma Epsilon at The University of Oklahoma in Norman and to Sigma Xi at Stephen F. Austin State University in Nacogdoches.

In early March, Peter attended the Southwestern Legal Foundation Symposium on Exploration and Economics of the Petroleum Industry, held in Dallas, where he presented a paper entitled "Concepts of Resources—Their Effects on Exploration and U. S. Mineral Policy." Also in March, he attended a meeting in Washington, D. C., of the National Research Council's Division of Earth Sciences Committee on Space Programs for Earth Observations, Advisory to the U. S. Geological Survey. On March 28-31, he took part in a Gulf Universities Research Corporation Workshop on Marine Geology at Bayview, Texas. His report "Uranium in Texas—1967" was issued in March as the Bureau's Geological Circular No. 67-1.

In May, Peter attended the annual meeting of the Association of American State Geologists in Lincoln, Nebraska. In July he attended a special meeting of the AAPG Research Committee in Houston to lay plans for a Geothermal Study Project. He also serves on numerous other committees of professional and governmental organizations.

*L. E. (Ed) Garner's* study of the sand resources of the Texas Gulf Coast was published in March as Bureau of Economic Geology Report of Investigations No. 60. Ed is continuing his work on the urban geology of Austin and vicinity—he is making a seismic investigation of alluvial units in the Austin area and is mapping in the Oak Hill quadrangle. Ed also takes part in the Bureau's public service activities by examining rock and mineral specimens brought or sent in for identification.

In March, he gave a talk at the evening meeting of the Austin Geological Society entitled "Uses of the GT-2 Portable Seismograph." In April, he was elected Secretary of the Austin Geological Society for the 1967-68 administrative year. During the 1966-67 year, he served as a member of the Society's Committee on Scouting and Recreation.



Bureau staff members in their new conference room. Left to right: Miss Josephine Casey, Virgil Barnes, Bill Fisher, Peter Flawn, Gus Eisler, Joe McGowen and Ross Maxwell.

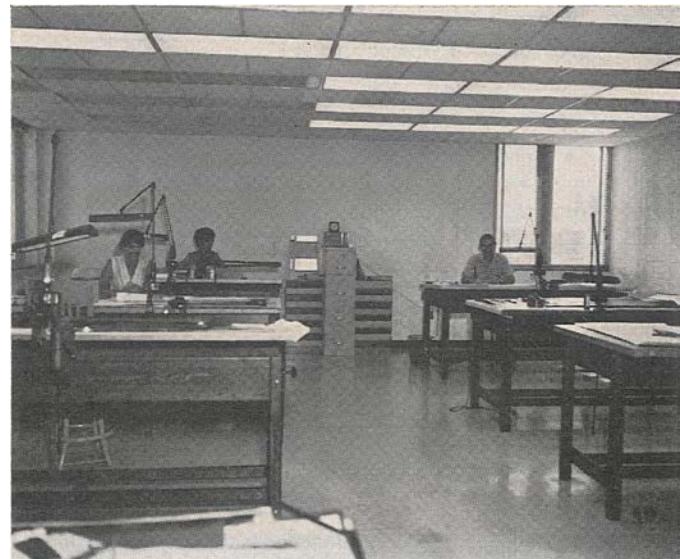
In April, Ed attended the Soil Survey Technical Work-Planning Conference at Texas A&M University. He has been appointed a member of the Field Trip Planning Committee for next year's 4th Annual Forum on the Geology of Industrial Minerals in Austin.

*Roselle Girard* contributed to the Bureau's public service work by answering hundreds of inquiries about sulfur, salt, copper, mercury, clay, sand, iron, talc, limestone, and other industrial and metallic mineral resources of Texas. Among her other continuing duties, she helped write the Texas chapter of the U. S. Bureau of Mines *Minerals Yearbook*, the Bureau's section of the *Annual Report of Balcones Research Center*, and the *Bureau of Economic Geology Report for 1966*.

Roselle served as Treasurer of the Austin Geological Society for the 1966-67 administrative year. In November, she attended the meeting of the Geoscience Information Society that was held in conjunction with the Geological Society of America meeting in San Francisco. In March, she gave a talk, "Sources of Geological Information," to Sam Ellison's petroleum geology class at The University of Texas. In June, Roselle worked with the CLASP Program of The University of Texas Department of Geology. In July, she attended the Seminar and Workshop on Large Scientific Data Files sponsored by International Science Information Services, Inc., in Dallas, and served as Coordinator of the Workshop Session on State and Federal Data Files at the meeting.

Roselle also is preparing a nontechnical report on Texas mineral resources and conservation and editing, as time permits, a bibliography of Texas geology.

*Ross A. Maxwell* saw the culmination of a long-term project as his report, "Geology of Big Bend National Park, Brewster County, Texas," was published by the Bureau late this summer. Co-authors of the report are the late John T. Lonsdale,



The Bureau's new Cartography Laboratory.

Roy T. Hazzard, and John A. Wilson. Ross has a very special interest in the Big Bend area, having lived there for many years while serving as the first Superintendent of the Park. Ross has also completed work on a nontechnical report of the Park that will be issued as a publication in the Bureau's Guidebook series later in the year. He is now editing and preparing for publication a geologic guide to the State parks of Texas that will be published by the Bureau.

Ross has been continuing his participation in educational, church, and community affairs. He gave a talk, "The Geological History of the Parks in Texas," at the Conference for the Advancement of Science and Mathematics Teaching at Austin last fall. As a representative of the Texas Academy of Science Visiting Scientists Program, Ross lectured to science classes at high schools in Midland and Blanco. He continued to serve as a member of the Executive Board, Capitol Area Council, Boy Scouts of America, as a Board Member of the Central Christian Church of Austin, and as a member of the Board of Directors for the National Science Association of Austin. In April, Ross was appointed by Mayor Harry Akin to the Parks and Recreation Advisory Board of the City of Austin.

*Joe McGowen* is continuing his investigation, with Bill Fisher, of the Wilcox Group of strata of the Texas Gulf Coastal Plain. He also is working on the Geologic Atlas Project and has completed mapping the western portion of the Dallas Sheet. During the summer, Joe began mapping a rock interval that includes the Simsboro Sand (Wilcox Group) to the top of the Newby Sand (Claiborne Group). He will map this interval through the Waco and Austin sheets as part of both the Geologic Atlas Project and the Wilcox Group Project.

Joe has completed requirements for his Ph.D. degree in geology at The University of Texas except for final work on his dissertation. His dissertation problem is a recent-sediment study of a fan delta along the north shore of Nueces Bay titled

"The Depositional History of Gum Hollow Delta." Results of this study will be published by the Bureau.

Pete Rodda is continuing work on the urban geology of the Austin area, a project which he and Keith Young are directing. He also is making a study of the distribution and origin of dolomite in the Edwards Formation in Texas. Pete's reports, written with Bill Fisher, about the Lower Cretaceous sands of Texas and the nomenclature revision of basal Cretaceous rocks between the Colorado and Red Rivers of Texas have been issued by the Bureau as Reports of Investigations Nos. 59 and 58.

During the spring semester, Pete taught a course in paleontology (Geology 314K) in the Department of Geology. In April, he attended the Forum on the Geology of Industrial Minerals held at The University of Kansas in Lawrence. He also went to Los Angeles for the annual meeting of the American Association of Petroleum Geologists during April.

This summer, Pete attended the Smithsonian Summer Institute in Systematics that was held for three weeks during June and July in Washington, D. C. During the 1966-67 administrative year, he served as the Chairman of the Austin Geological Society's Committee on Scouting and Recreation.

### Status of Publications

Issued since last Newsletter—

*Geology of Big Bend National Park, Brewster County, Texas*, by Ross A. Maxwell, John T. Lonsdale, Roy T. Hazzard, and John A. Wilson. Univ. Texas Pub. 6711, 320 pp., 152 figs., 11 pls., including 2 geologic maps in color, 16 tables, 1967.

*Nomenclature Revision of Basal Cretaceous Rocks Between the Colorado and Red Rivers, Texas*, by W. L. Fisher and Peter U. Rodda. Report of Investigations No. 58, 20 pp., 8 figs., geologic map, December 1966.

*Lower Cretaceous Sands of Texas: Stratigraphy and Resources*, by W. L. Fisher and Peter U. Rodda. Report of Investigations No. 59, 116 pp., 12 text figs., 3 pls., including geologic map in color, 5 tables, March 1967.

*Sand Resources of Texas Gulf Coast*, by L. E. Garner. Report of Investigations No. 60, 85 pp., 12 text figs., 6 pls., including geologic map in color, 8 tables, March 1967.

*Hurricanes as Geological Agents: Case Studies of Hurricanes Carla, 1961, and Cindy, 1963*, by Miles O. Hayes. Report of Investigations No. 61, 65 pp., 30 text figs., August 1967.

*Late Cambrian and Early Ordovician Faunas from the Wilberns Formation of Central Texas*, by Don Winston and Harry Nicholls. Report of Investigations No. 62. Reprinted from Journal of Paleontology, vol. 41, no. 1, pp. 66-96, January 1967 [March].

*Texas Geologic Atlas, Texarkana Sheet*. Scale 1:250,000, Elias H. Sellards Memorial Edition, August 1966.

*Texas Geologic Atlas, Lubbock Sheet*. Scale 1:250,000, Halbert Pleasant Bybee Memorial Edition, April 1967.

*Geology of Presidio Area, Presidio County, Texas*, by John W. Dietrich. Geologic Quadrangle Map No. 28. Scale 1:48,000; 45-p. text, July 1966.

*Geology of the Cave Creek School Quadrangle, Gillespie County, Texas*, by V. E. Barnes. Geologic Quadrangle Map No. 32. Scale 1:24,000; 11-p. text, March 1967.

*Geology of the Monument Hill Quadrangle, Blanco County, Texas*, by V. E. Barnes. Geologic Quadrangle Map No. 33. Scale 1:24,000; 7-p. text, March 1967.

*Geology of the Yeager Creek Quadrangle, Blanco and Hays Counties, Texas*, by V. E. Barnes. Geologic Quadrangle Map No. 34. Scale 1:24,000; 6-p. text, April 1967.

*Uranium in Texas—1967*, by P. T. Flawn. Geological Circular GC 67-1, 11 pp., January [March] 1967.

*Fluorspar in Brewster County, Texas*, by William N. McAnulty, Sr. Geological Circular GC 67-2, 16 pp., August 1967.

*Geologic Map of Texas*. Simplified 5 × 7 colored geologic map of Texas in post-card form.

*Bureau of Economic Geology Report for 1966*, 16 pp., January 1967.

In press—

*The Big Bend of the Rio Grande*, by Ross Maxwell. Guidebook No. 7.

*Lithology and Petrology of the Gueydan (Catahoula) Formation in South Texas*, by E. F. McBride, W. L. Lindemann, and P. S. Freeman. Report of Investigations No. 63.

*Geology of Apache Mountains, Trans-Pecos Texas*, by John W. Wood. Geologic Quadrangle Map No. 35.

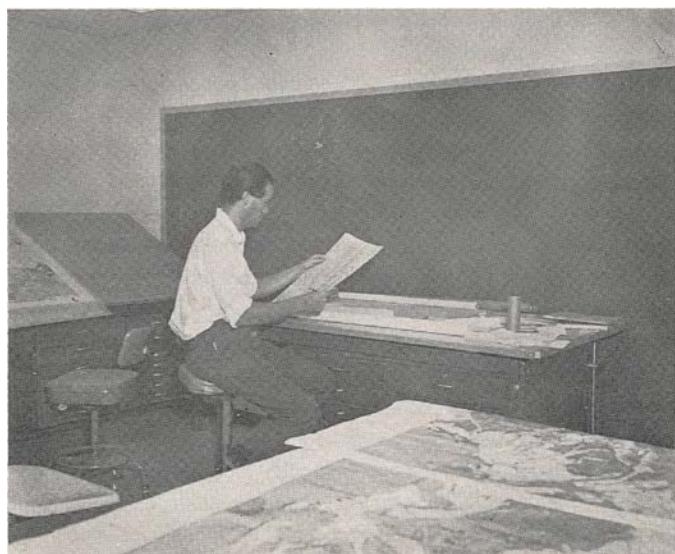
*Texas Geologic Atlas, Sherman Sheet*. Scale 1:250,000.

*Texas Geologic Atlas, Beaumont Sheet*. Scale 1:250,000.

*Texas Geologic Atlas, Houston Sheet*. Scale 1:250,000.

*Texas Geologic Atlas, Van Horn-El Paso Sheet*. Scale 1:250,000.

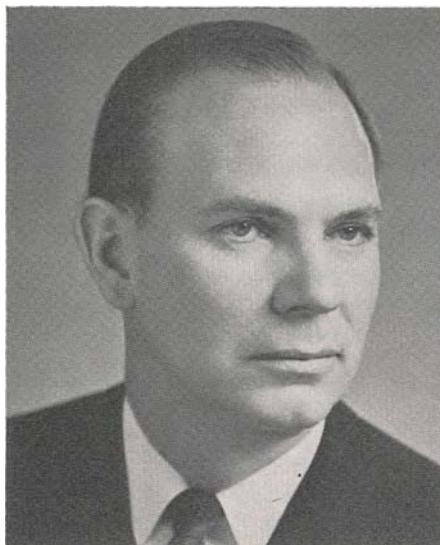
Chris Kendall, postdoctoral fellow from England, in one of the drafting rooms on the fourth floor.



## The Geology Foundation

The Geology Foundation was created in 1953 as a non-profit organization to receive and administer funds donated for improving geologic education and research at The University of Texas. Gifts to the Foundation have provided library books, scholarships, special equipment, travel and study grants for faculty, expenses of visiting lecturers and other items that make for excellence. No other factor contributes so effectively to the successful operation of the Geology Department as does the Foundation.

Guidance of the Foundation is in the hands of an Advisory Council comprised of outstanding non-university geologists. The Council meets twice each year in Austin, with members attending at their own expense, to guide the activities of the Foundation and to advise the geology faculty. At other times during the year they help to raise funds and contribute generously themselves, and we deeply appreciate the interest, encouragement and assistance given by these men.



Newest members of the Geology Foundation Advisory Council are (left) John F. Bookout, Jr. and (right) Ray A. Burke.

At the meeting of the Council in May 1966, Wayne F. Bowman was unanimously elected to Honorary Life Membership in the Council. Wayne has been a loyal and generous friend and has worked untiringly as a Council member; we owe him a large debt of gratitude. Members re-elected for a three-year term were Leslie Bowling, Jack C. Kern, Ed W. Owen, E. A. Wendlandt and Charles A. Yager.

Two new members were invited by the University Chancellor to serve on the Council and we are proud to announce their acceptance. They are John F. Bookout, Jr., who replaces James Lee Wilson, and Ray A. Burke, who replaces Wayne Bowman. John received his B.S. degree in 1949 and his M.A. degree in 1950, both from UT, and is Vice-President of Shell Oil Company in Denver, Colorado. Ray took his B.S. at Texas in 1947, and is Senior Vice-President of Union Oil Company of California in Los Angeles. A complete list of Council members is given below.

## Advisory Council Members

THOMAS D. BARROW, Humble Oil & Refining Company, Post Office Box 2180, Houston, Texas, Chairman.

JOHN F. BOOKOUT, JR., Shell Oil Company, 1700 Broadway, Denver, Colorado.

LESLIE BOWLING, 316 California Building, New Orleans, Louisiana.

RAY A. BURKE, Union Oil Company of California, Post Office Box 7600, Los Angeles, California.

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

MORGAN J. DAVIS, 1300 Main Street, Houston, Texas.

I. GRADY DAVIS, Gulf Oil Corporation, Post Office Box 1166, Pittsburgh, Pennsylvania.

J. NALLE GREGORY, 504 San Angelo National Bank Building, San Angelo, Texas.

DILWORTH S. HAGER, 1301 Mercantile Securities Building, Dallas, Texas.

W. DOW HAMM, Atlantic Richfield Company, Post Office Box 2819, Dallas, Texas.

JACK C. KERN, Standard Oil Company of Texas, Box 66247-Fairview Station, Houston, Texas.

G. MOSES KNEBEL, No. 10 Paddington Road, Scarsdale, New York.

LEONARD F. MCCOLLUM, Continental Oil Company, Post Office Box 2197, Houston, Texas.

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

O. SCOTT PETTY, Petty Geophysical Company, Post Office Box 2061, San Angelo, Texas.

JOHN T. ROUSE, Mobil Oil Corporation, Post Office Box 1774, Houston, Texas.

WILLIAM T. SMITH, Pan American Petroleum Corporation, 2601 Security Life Building, Denver, Colorado.

S. A. THOMPSON, Mobil Oil Corporation, Post Office Box 900, Dallas, Texas.

E. A. WENDLANDT, 524 Park Heights Circle, Tyler, Texas.  
 CHARLES E. YAGER, 3801 Potomac Street, Fort Worth, Texas.

### An Analysis of Alumni Gifts

Presented below is the latest summary of UT Geology alumni gifts tabulated according to classes (year of graduation or year first UT degree was received, if more than one was earned here).

Classes	Total Alumni	Contributors Persons	Contributions % of Class	Contributions
1896-1915	6	2	33.3	2,600
1916-1925	50	34	68.0	242,650
1926-1935	157	56	35.7	17,021
1936-1945	437	155	35.5	15,653
1946-1955	1115	306	27.4	13,042
1956-1965	755	170	22.5	6,714
1966	25	8		679
	2545	731	28.4	\$298,359

Many other gifts come to the Foundation from industrial and non-alumni sources as well, and total contributions to the Foundation during the past year have been exceptionally large. To all of the donors listed below we express our sincere appreciation.

### Contributors to the Geology Foundation June 30, 1966-June 30, 1967

Hashim Al-Khersan	Mr. & Mrs. Paul F. Byrom	Iacopo Gambini	Fred L. Oliver
David L. Amsbury		William J. Ganus	Freeman L. Orman
Anonymous		Fred M. Gibson	Harold D. Orr
Mrs. Tom R. Banks	Mr. & Mrs. Warren J. Cage, Jr.	William E. Gipson	
Dr. and Mrs. Virgil Barnes	William H. Cardwell	Roselle M. Girard	James H. Parr
Mr. & Mrs. L. T. Barrow	Mr. & Mrs. J. Ben Carsey	Willard R. Green	O. Scott Petty
Thomas D. Barrow	Mr. and Mrs. John Chapman	J. Nalle Gregory	C. Alan Peyton, Jr.
Barrow Trust for Bybee Memorial Fund	Dr. & Mrs. S. E. Clabaugh	Robert O. Gross	
Thomas A. Bay, Jr.	Russell E. Clemons	Dilworth S. Hager	James N. Reeves
Richard E. Bennett	George H. Coates	Marvin E. Hairgrove	Mrs. Richard Reynolds
Earl H. Bescher	Mr. & Mrs. Carroll Cook	W. A. Halamiccek, Jr.	William F. Reynolds
Terry V. Bills, Jr.	B. C. G. Davis	W. Dow Hamm	Jess P. Roach
Don N. Blount	James H. Davis	Weldon W. Hammond, Jr.	French M. Robertson
Louis F. Bonner	Morgan J. Davis	J. Richard Harris	John David Roche
John F. Bookout, Jr.	Mr. & Mrs. Ronald K. DeFord	John M. Hills	James E. Rogers
Douglas A. Bostwick	Charles J. DeLancey	Paul B. Hinyard	John T. Rouse
Leslie Bowling	Rodger E. Denison	Sumner B. Hixon	
Mr. & Mrs. Wayne F. Bowman	Dr. Gus K. Eisler, Jr.	Jack Hooper	Bill E. St. John
Mrs. Charles H. Bradshaw	William R. Ellis	James W. Howard	James W. Sansom, Jr.
Patrick W. Brady	Dr. & Mrs. S. P. Ellison, Jr.	Emmett A. Humble	O. E. Schellhase
W. A. Bramlette	Rizer Everett	Layton Humphrey	John T. Schulenberg
John W. Brice	William Stamps Farish Estate	Dr. & Mrs. Earl Ingerson	T. J. Schwarzbach
Luther W. (Dan) Bridges	Murray Felsher	James R. Jackson, Jr.	Dr. & Mrs. Alan J. Scott
Wallace E. Brunson	Mrs. Jeanne A. Ferrin	Dr. & Mrs. Edward C. Jonas	Eugene P. Scott
Ray A. Burke	John F. Flannery	Jack C. Kern	Clyde R. Seewald
Russell F. Burmester	Paul J. Fly	Roy L. Kern	Holmes A. Semken
Mrs. Hal P. Bybee	Tom Freeman	Joseph E. Keyser	E. R. Sims, Jr.
Robert W. Bybee	Ruderico P. Fuentes	James R. Kiker	Mr. & Mrs. Robert S. Singer
Leon G. Byerley, Jr.	W. R. Fuge	Mr. & Mrs. G. Moses Knebel	Stephen V. Smith
Ronald W. Byram	Frank J. Fulk	Leo W. Konz	Howard J. Speer
		James B. Tritt	Jordan F. Stanford
		George W. Taylor	Robert K. Steer
		John Teagle	
		The Terra Club	
		Sammie C. Terry	
		Billy D. Thomas	
		Richard Travis	
		Delos R. Tucker	
		John D. Tuohy	
		Edd R. Turner, Jr.	
		Harry A. Vest	
		Edward R. Volz	
		George Walker	
		Gus Walla	
		James L. Wells	
		E. A. Wendlandt	
		Arthur Wessely	
		O. C. Wheeler	
		Peter N. Wiggins III	
		Michael A. Wiley	
		Dr. & Mrs. J. A. Wilson	
		Clem R. Winkler, Jr.	
		Mrs. Helen Patterson Withers	
		Robert L. Wood, Jr.	
		Raymond D. Woods	
		Hunter Yarborough, Jr.	
		Dr. & Mrs. Keith Young	

**Donors of Library Books, Air Photos, Electric Logs,  
and Special Items to The Department of Geology**

**June 30, 1966–June 30, 1967**

The Atlantic Richfield Company	G. Moses Knebel
Dan S. Barker	Lafayette Geological Society
L. T. Barrow	John L. Loftis, Jr.
Baylor Geological Society	Leon E. Long
W. Charles Bell	Ernest L. Lundelius
Robert E. Boyer	Earle McBride
L. F. Brown, Jr.	L. F. McCollum
Fred M. Bullard	J. Hoover Mackin
Stephen E. Clabaugh	John I. Moore
Corpus Christi Geological Society	William R. Muehlberger
Morgan J. Davis	Robert New
Samuel P. Ellison, Jr.	Edgar Owen
Ronald K. DeFord	The Petroleum Engineer
John E. Elliott	Phillips Petroleum Company
R. K. Fahnestock	James F. Quinlan
Peter T. Flawn	Peter U. Rodda
Robert L. Folk	Alan J. Scott
Thelma Guion	Kenneth Seewald
Ed Hammer	A. Richard Smith
John M. Hills	South Texas Geological Society
Paul Herbert Horn	Sheridan A. Thompson
M. King Hubbert	Paul D. Torrey
F. Earl Ingerson	John A. Wilson
John A. Jackson	Keith Young
Edward C. Jonas	

**Industrial Contributors to the Foundation  
and to Scholarships & Fellowships**

**June 30, 1966–June 30, 1967**

The Atlantic Richfield Foundation	Mobil Oil Corporation
Continental Oil Company	Monsanto Chemical Company
Esso Education Foundation	Pan American Petroleum
Georgia Kaolin Company	Foundation
Gulf Oil Corporation	Phillips Petroleum Company
The Hogg Foundation	Standard Oil Company of Indiana
Humble Oil & Refining Company	Standard Oil Company of Texas
IBM Corporation	Tenneco Oil Company

**New AAPG President**

A UT ex-student in geology became President of the 15,000-member American Association of Petroleum Geologists on July 1, 1967. He is J. Ben Carsey, Houston Consultant and former Chief Geologist for Humble Oil and Refining Company. Ben is the fourth of our ex-students to serve in this capacity; the first was Alexander Deussen, the second Morgan J. Davis and the third G. Moses Knebel.

Ben enrolled at The University of Texas in the early 1920's with the idea of becoming a lawyer. But he took geology as his freshman science course and made a field trip the following summer. Already fascinated with geology, the field trip made in old Dodge touring car—which greatly impressed him as there were few cars in those days—caused him to decide upon geology as a career. Two other factors played a major role in this decision: the influence of one of his geology teachers, Slim Barrow, and the realization that he "wasn't exactly a

shining star" in the public speaking course he took as a freshman.

On June 8, 1925, he joined Humble as a Field Geologist. Two years later he was appointed West Texas Division Geologist, a post he held for thirteen years. His next assignment was in New Orleans as Division Manager. In 1946 he became Assistant Chief Geologist and moved to Houston. That job lasted only two years and in 1948 he was sent to California to establish Humble's exploration operations on the West Coast. Later that same year he was named Chief Geologist and transferred back to Houston; he served in that capacity until 1955. From 1955 until his retirement in 1961, he was Exploration Advisor for Humble.



**J. Ben Carsey**

Ben has been a member of AAPG for forty years and has held many responsible positions. He was Chairman of the Research Committee from 1958 to 1960, served as Distinguished Lecturer in 1960, was Vice-President in 1961–62, Chairman of the Committee on Statistics of Exploratory Drilling 1960–62, Chairman of the Matson Awards Committee in 1962, and Chairman of the Nominating Committee in 1963. In 1966 he was elected to Honorary Membership. Ben has also served as a Past President of the Houston Geological Society and is author of numerous papers on geology of the Gulf Coast, Continental Shelf and the Permian Basin.

The entire Carsey family are UT ex-students in geology. Ben's wife, the former Dorothy Ogden, received a B.A. degree in 1924. Dorothy, who specialized in paleontology and has published a book on microscopic fossils, also worked as a Geologist for Humble—from 1926 until 1933 when she retired to raise a family. Ben, Jr. obtained a B.S. degree in 1956 and is an Independent Geologist in Houston. All three Carseys have been ardent and generous supporters of our department. And to Ben go our congratulations for this most recent honor; it is well deserved!

**UT-Ex Guest Lecturer in Geology**

In the first of our department's attempts to bring in a high-ranking industrial geologist into the classroom, Hunter Yarborough of Humble Oil and Refining Company was invited to be guest lecturer in Petroleum Geology 386L for the Spring

Semester. This course is for graduate students in geology and petroleum engineering and Hunter lectured on the exploration for oil and gas from February 14 to March 30, 1967. The remainder of the course was taught by Sam Ellison.

Hunter attended The University of Texas from 1934 to 1940, receiving a B.S. degree in geology with honors and minors in physics and petroleum engineering; two years were spent in graduate studies. During World War II he served as a naval aviator in both the Atlantic and Pacific theatres. Following the War, he worked for Humble Oil and Refining Company conducting subsurface and surface geological and geophysical studies in the exploration for oil and gas over much of the United States. He has been active in all phases of geological and geophysical research and has traveled over



**Hunter Yarborough**

much of the world working and consulting with active exploration groups. Hunter is a Certified Petroleum Geologist; a member of AAPG; a member of the Society of Exploration Geophysicists; a Registered Professional Engineer, California; and a member of Sigma Gamma Epsilon and Rho Kappa, honorary geological fraternities. He has served as Distinguished Lecturer for AAPG and has given technical addresses on oil finding to many of the universities and most of the geological societies of the United States.

The students and faculty of the Department of Geology were most fortunate in having Hunter here at UT and are pleased to thank the Humble Oil and Refining Company for the privilege of permitting him to be a guest lecturer.

### Deaths

During the year the news of the deaths of the following listed ex-students and associates of the Department of Geology has saddened us. Our records are probably always incomplete and we appreciate receiving additional information from family and friends.

JAMES M. BOYLES (BA '30), August 29, 1965.  
EUSTACE JOHN COEL (1922-25), March 14, 1967.  
FRANK E. HARVICK, JR. (1954-62), December 6, 1966.  
JOHN K. PETTY (BA '37, MA '47), February 23, 1967  
ANTHONY J. TAMBORELLO (BS '33), May 7, 1966.  
E. LESLIE TRICE, JR. (MA '57), July 11, 1967.

Frank E. Harwick, Jr. died of leukemia in Galveston where he had been employed as Galveston County Probation Officer. Frank majored in geology at UT and attended The University of Texas School of Law and Goethe University, Frankfort, Germany. His father, Frank E. Harwick, Sr., is Director of the Liquified Petroleum Gas Division of the Texas Railroad Commission in Austin. He is survived by his wife, the former Mary Ellen Davenport, and a daughter, Jennette, both of Galveston.

John K. Petty was an Independent Geologist in Phoenix, Arizona, at the time of his death. He was a member of the Arizona Oil and Gas Commission and AAPG and was a veteran of World War II. He is survived by his wife.

Anthony J. Tamborello was an Independent Consultant and Operator in Houston and was well known to the oil industry. He was associated with Crown Central Petroleum Corporation before going out on his own. He served as an aerial photo interpreter with the Ninth Air Force Intelligence Group in World War II and was a member of the Houston Geological Society, AAPG, AGI, and the Texas Independent Oil Producers and Royalties Association. He is survived by his wife, Mrs. Alma V. Tamborello of Houston.

E. John Coel, a Consulting Geologist, died in Houston. He was associated with the El Paso Natural Gas Company, Vice-President of Western Gas Company and later associated with Fish Engineering Corporation. He was a member of AAPG and was an army captain in World War I. He is survived by his wife, a son and two daughters.

### Memorial to Edwin Leslie Trice, Jr.

Edwin Leslie Trice, Jr. died in a Dallas hospital during the afternoon of July 11, 1967, of cancer. He is survived by his wife, the former Kathryn Mullins, a daughter, Marianne, and a son, E. L. (Jack) Trice II, all of Midland.

He was born in Houston and came to Waco with his family in 1933. He graduated from Waco High School in 1948, received his bachelor's degree in geology from the University of Tulsa in 1955, his master's degree from The University of Texas in 1957, and had completed study for his doctor's degree in geology at UT.

Les served in the Navy from February 1952 until October 1953. He was employed by McBride Oil Company in Tulsa during 1953-54 and taught at the University of Tulsa in 1955. From May 1955 to October 1955, he worked in surface geology for Minnesota Mining & Manufacturing Company, and worked for Mobil Oil Company from 1958-1963. In June 1966, he joined Pan American Petroleum Corporation in Midland and continued with them until his death.

He was a member of Sigma Xi, Sigma Gamma Epsilon, AAPG, GSA, SEPM, the American Society of Photogram-



**View of the reading room in the Geology Library.**



**Graduate students and faculty at "morning coffee" in the fourth floor conference room.**

metry and AIPG. During his tenure at UT, Les was the recipient of the G. M. Knebel Scholarship in petroleum geology (1963-66) and the W. B. Sharp Scholarship in field geology (1956-57).

His untimely death will be a loss to all of his friends and associates.

## Enrollment and Degrees

Graduate enrollment in geology at The University of Texas continues to remain at a high level, as does the number of undergraduate students majoring in geology. There has been a substantial increase at the junior level, which rose to an all-time high during this past year.

The actual head count of students who declared their major subjects to be geology is recorded below for the 1962-67 period:

	1962-63		1963-64		1964-65		1965-66		1966-67	
	Fall	Spr.								
Fresh.	16	13	14	13	16	14	23	20	18	19
Soph.	19	21	13	15	17	17	35	30	24	39
Jrs.	11	12	16	16	16	15	12	12	39	33
Srs.	17	17	24	18	15	13	10	10	10	9
Grds.	78	72	88	84	98	87	100	104	96	105
Totals	141	135	155	146	162	146	180	176	187	181

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

	1960	1961	1962	1963	1964	1965	1966	Expected 1967
B.A.	13	9	4	1	5	3	4	4
B.S.	75	29	18	13	8	4	5	3
M.A.	14	26	16	13	14	10	11	12
Ph.D.	1	6	8	4	3	8	11	4
Totals	103	70	48	31	30	25	31	23

Enrollment in the elementary geology courses, although declining slightly in the 1966-67 academic year, still remains at a high peak, as shown by the following record of the number of students in these courses:

1952-53:	1202	1957-58:	1191	1962-63:	1875
1953-54:	1421	1958-59:	1294	1963-64:	1810
1954-55:	1640	1959-60:	1422	1964-65:	2060
1955-56:	1400	1960-61:	1763	1965-66:	2407
1956-57:	1224	1961-62:	1845	1966-67:	2254

## Recent Graduates in Geology

### August 1966

#### BACHELOR OF ARTS

Larry Roger Butts  
John Albert Minks  
Edward Royce Pope

#### BACHELOR OF SCIENCE

Holly Deison Grissom  
John Frank Snell

#### MASTER OF ARTS

Patrick Leon Abbott  
Alston Boyd III  
George Herbert Davis

#### DOCTOR OF PHILOSOPHY

Hugh Holt Doney  
Walter Tiffany Haenggi  
Alexander Burke Spencer  
James Anthony Wolleben

### January 1967

#### BACHELOR OF ARTS

Mrs. Mary Beth Cooper Waitt

#### BACHELOR OF SCIENCE

Doyle Kenneth Brook, Jr.

#### MASTER OF ARTS

Thomas Howard Anderson  
John Michael Harris  
Benjamin Kirby Rodgers, Jr.  
George Pinckney Walker III

#### DOCTOR OF PHILOSOPHY

Peter Bruce Andrews  
John William Parker

### June 1967

#### BACHELOR OF ARTS

Richard Bolton Bender II  
Eddie Royce Killian

#### BACHELOR OF SCIENCE

Edgar Lowndes Berg

#### MASTER OF ARTS

William Andrew Akersten  
John Foster Houser  
William Noel McAnulty  
William Joseph O'Sullivan

#### DOCTOR OF PHILOSOPHY

David Russell Horn

## Graduate Degrees in Geology

The last *Newsletter* gave the names and information about theses and dissertations of students who received graduate degrees in geology through June 1966. This list is continued below for August 1966 and January and June 1967. The numbers in parentheses in the subheadings indicate the number of degrees in each group.

### MASTER OF ARTS, AUGUST 1966 (3)

**Abbott, Patrick Leon, 1940—**

B.S. in geology, June 1963, San Diego State College, San Diego, California.

*The Glen Rose Section in the Canyon Reservoir Area, Comal County, Texas.*

Supervisor: Keith Young.

**Boyd, Alston, 1941—**

B.A. in geology, June 1963, Williams College, Williamstown, Massachusetts.

*Geology of the Western Third of La Democracia Quadrangle, Guatemala.*

Supervisor: Robert E. Boyer.

**Davis, George Herbert, 1942—**

B.A. in geology, June 1964, College of Wooster, Wooster, Ohio.

*Geology of the Eastern Third of La Democracia Quadrangle, Guatemala.*

Supervisor: Robert E. Boyer.

### DOCTOR OF PHILOSOPHY, AUGUST 1966 (4)

**Doney, Hugh Holt, 1930—**

B.S. in geology, June 1952, Dickinson College, Carlisle, Pennsylvania; M.S. in geology, June 1954, University of Pittsburgh, Pittsburgh, Pennsylvania.

*Geology of the Cebolla Quadrangle, Rio Arriba County, North-central New Mexico.*

Supervisor: William R. Muehlberger.

**Haenggi, Walter Tiffany, 1933—**

B.S. in geology, June 1955, California Institute of Technology, Pasadena; M.A. in geology, June 1957, The University of Texas, Austin.

*Geology of El Cuervo Area, Northeastern Chihuahua, Mexico.*

Supervisor: William R. Muehlberger.

**Spencer, Alexander Burke, 1932—**

B.S. in geology, June 1955, Texas Western College, El Paso; M.S. in geology, June, 1961, University of Oklahoma, Norman.

*Alkalic Igneous Rocks of Uvalde County, Texas.*

Supervisor: S. E. Clabaugh.

**Wolleben, James Anthony, 1935—**

B.S. in geology, August 1956, Mississippi Southern College, Hattiesburg; M.S. in geology, June 1959, Louisiana State University, Baton Rouge.

*Biostratigraphy of the Ojinaga and San Carlos Formations of West Texas and Northeastern Chihuahua.*

Supervisor: Keith Young.

### MASTER OF ARTS, JANUARY 1967 (4)

**Anderson, Thomas Howard, 1942—**

B.A. in geology, June 1964, Franklin & Marshall College, Lancaster, Pennsylvania.

*Geology of the Middle Third of La Democracia Quadrangle, Guatemala.*

Supervisor: Robert E. Boyer.

**Harris, John Michael, 1942—**

B.S. in geology, July 1964, University of Leicester, Leicester, England.

*Oligocene Vertebrates from Western Jeff Davis County, Trans-Pecos Texas.*

Supervisor: John A. Wilson.

**Rodgers, Benjamin Kirby, 1938—**

B.S. in geology, August 1961, Texas Technological College, Lubbock.

*Ostracoda and Environmental Interpretation of the Hurricane Lentil (Middle-Eocene), Texas.*

Supervisor: Alan J. Scott.

**Walker, George Pinckney III, 1934—**

B.S. in petroleum engineering, May 1956, Colorado School of Mines, Golden.

*Subsurface Geologic Reconnaissance of Kerr Basin and Adjacent Areas, South-Central Texas.*

Supervisor: Ronald K. DeFord.

### DOCTOR OF PHILOSOPHY, JANUARY 1967 (2)

**Andrews, Peter Bruce, 1935—**

B.S. in geology, May 1958, University of Canterbury, New Zealand; M.S. in geology, May 1961, University of Canterbury, New Zealand.

*Facies and Genesis of a Washover Fan, St. Joseph Island, Central Texas Coast.*

Supervisor: Alan J. Scott.

**Parker, John William, 1920—**

B.S. in geology, June 1949, Western Reserve University, Cleveland, Ohio; M.S. in geology, February 1951, University of Michigan, Ann Arbor.

*Ion Ratios, Water Analyses, and Subsurface Fluid Relationships, East Texas Basin.*

Supervisor: S. P. Ellison, Jr.

### MASTER OF ARTS, JUNE 1967 (4)

**Akersten, William Andrew, 1938—**

B.S. in geology, January 1964, The University of Texas, Austin.

*Red Light Local Fauna (Blancan), South-Eastern Hudspeth County, Texas.*

Supervisor: E. L. Lundelius, Jr.

**Houser, John Foster, 1943—**

B.S. in geological science, June 1965, Pennsylvania State University, University Park.

*Structural Geology of Threemile Hill Area, Brewster County, Texas.*

Supervisor: William R. Muehlberger.

**McAnulty, William Noel, Jr., 1942—**

B.S. in geology, August 1965, The University of Texas, Austin.

*Geology of the Fusselman Canyon Area, Franklin Mountains, El Paso County, Texas.*

Supervisor: Peter T. Flawn.

**O'Sullivan, William Joseph, 1942—**

B.S. in geology, May 1964, University of Dayton, Dayton, Ohio.

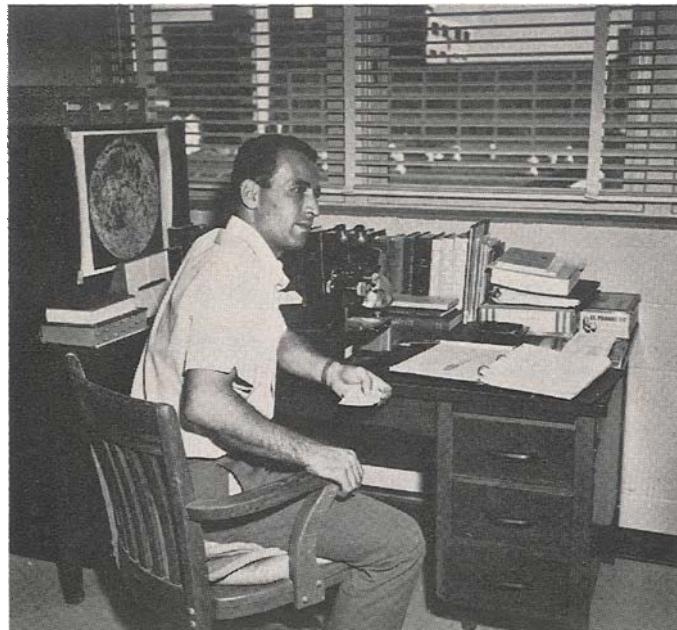
*Trinity Division of Smithwick Area, Burnet County, Texas.*

Supervisor: Keith Young.

## DOCTOR OF PHILOSOPHY, JUNE 1967 (1)

**Horn, Ronald David Russell, 1935—**

B.A. in geology, May 1958, Queen's University, Ontario, Canada.  
*Recent Marine Sediments and Submarine Topography, Sverdrup Islands, Canadian Arctic Archipelago.*  
 Supervisor: Robert L. Folk.



Graduate Student Moayad Shafiq in his new office on the fourth floor.

## Scholarships, Fellowships, and Awards

The recipients of awards during the 1966-67 academic year and the 1967 summer session are as follows:

*Cabot Corporation Scholarship:*

Paul D. Engeling, 1966-67

*L. W. Callender Memorial Scholarship:*

Jerome N. Namy, Summer 1967

Neil L. Turner, Summer 1967

Jesus Najera-Garza, Summer 1967

*Robert H. Cuyler Memorial Scholarship:*

Susan Deutsch, 1966-67

Wayland B. Pickard, Fall 1966

Judith A. Schiebout, Spring 1967

*Department of Geology Fellowship:*

John M. Harris, Fall 1966

John C. Gries, Spring 1967

Thomas H. Anderson, Spring 1967

*Department of Geology Summer Field Fellowship:*

Joe L. Brewton

Lawrence A. Bruck

Vincent Loftis

James Mead

William B. Oliver

Peter Parks

Mary Beth Cooper Waitt

*Guy E. Green Scholarship:*

Mary Beth Cooper Waitt, Summer 1967

*Hogg Foundation Scholarship:**Joseph S. Cullinan Scholarship:*

Gale A. Bishop, Summer 1967

Peggy W. Harwood, Summer 1967

Richard A. Hoover, Summer 1967

Jesus Najera-Garza, Fall 1966

Michael A. Wiley, Spring 1967

*Walter B. Sharp Scholarship:*

Ronald E. Janowsky, Summer 1967

Robert D. Merrill, Summer 1967

J. Stewart Nagle, Summer 1967

Jesus Najera-Garza, Spring 1967

*Humble Oil & Refining Company Education Foundation Fellowship:*

William R. Dupre, Summer 1967

Ismael Ferrusquia, Fall 1966

John M. Harris, Fall 1966

*Mr. & Mrs. L. F. McCollum Scholarship in Geology:*

Alexander W. Ritchie, Summer 1967

*Monsanto Chemical Company Scholarship:*

Charles D. Groat, Spring 1967

Richard A. Hoover, Spring 1967

Jerome N. Namy, Spring 1967

Leonard M. Young, Fall 1967

*National Defense Education Act Traineeship:*

William A. Akersten

Bruce B. Boyer

Richard A. Crawley

James G. Mead

Alexander W. Ritchie

William B. Rogers

Peter Scholle

A. Richard Smith

James H. Stitt

*National Science Foundation Graduate Fellowship:*

Robert A. Baker

William E. Galloway

Susan B. Longacre

*National Science Foundation Post-doctoral Fellowship:*

Ralph L. Myers II

*National Science Foundation Traineeships*

Steven E. DeLong

John F. Houser

Emily A. Laws

Anthony W. Walton

*Office of Education Prospective Teaching Fellows:*

Walter G. Bennick

Richard B. Hale

Harriet J. Manly

*Ed Owen-George Coates Geology Grants for Graduate Students:*

John F. McKnight, Fall 1966

J. Stewart Nagle, Summer 1967

James A. Wolleben, Fall 1966  
 Leonard M. Young, Spring 1967

*Pan American Petroleum Foundation Graduate Fellowship:*

James F. Quinlan, 1966-67

*Pan American Petroleum Foundation Post-doctoral Fellowship:*

James B. Stevens, 1966-67

*Pan American Petroleum Foundation Undergraduate Fellowship:*

John L. Aldridge, Spring 1967

John M. Horn, Fall 1966

Thomas L. Meinke, 1966-67

*Sigma Xi-Resa Grants in Aid of Research:*

David W. Sipperly

*Frederick W. Simonds Memorial Scholarship:*

Daniel S. Evans, Spring 1967

Joseph C. Nicols, Jr., 1966-67

Scott C. Reeve, Fall 1966

*Standard Oil Company of Texas Fellowship:*

Thomas H. Anderson, Spring 1967

William Noel McAnulty, 1966-67

*Sun Oil Company Undergraduate Fellowship:*

K. Wayne Boeker, Fall 1966

Joseph Kuykendall, Fall 1966

Wayland B. Pickard, Spring 1967

Scott C. Reeve, Spring 1967

*Technical Sessions Best Student Speaker Awards for 1966-67:*

Charles D. Groat

Jerome N. Namy

Richard L. Watson

*Texaco Scholarship:*

Eddie R. Killian, Fall 1966

*U.S. Public Health Service Water Resources Training Grant:*

Jan Juknievich, 1966-67

Craig T. Rightmire, 1966-67

*University Fellowship:*

Henry S. Chafetz, 1966-67

Peter R. Rose, 1966-67

Peter D. Rowley, 1966-67

*Francis L. Whitney Memorial Scholarship:*

Richard L. Watson, Summer 1967

Doy L. Zachry, Summer 1967

### Teaching Assistantships in Geology

A Teaching Assistant is a graduate student employed to teach on a part-time basis. Scholastic qualifications for the position are about the same as those for fellowships and scholarships, and the students awarded assistantships are chosen with great care. In the Department of Geology most of the Teaching Assistants teach laboratory sections of the freshman-level course; a few teach laboratory sections of advanced courses. They are generally employed half-time at a salary of about \$2500 or more for the nine-month academic year.

Teaching Assistants who served during part or all of the 1966-1967 academic year and the 1967 summer session are listed below:

Thomas H. Anderson	Joseph R. Kuykendall
Hugh R. Balkwill	Robert A. Levich
Gale A. Bishop	Robert D. Merrill
Bruce W. Boyer	James A. Miller
James L. Carew	J. Stewart Nagle
Margaret Ann Christie	Jerome N. Namy
Lawrence P. Cook	William J. O'Sullivan
James E. Dobkins, Jr.	Peter Parks
John R. Everett	William M. Reid
Robert H. Fakundiny	Ruth Roberta Rice
Robert F. Gemobilis	Barney J. Rosen, Jr.
Charles G. Groat	Moayad A. Shafiq
Richard H. Groshong, Jr.	Kenneth E. Smith
Peggy W. Harwood	Neil L. Turner
Richard A. Hoover	Mark J. Valencia
John R. Howlett, Jr.	Richard B. Waitt
Harold A. Illich	Richard L. Watson
Ronald E. Janowsky	H. E. White, Jr.
Michael A. Jordan	Michael A. Wiley
L. Gifford Kessler	Doy L. Zachry
Robert S. Kier	

### Tuition Scholarships in Geology

The Department of Geology began awarding tuition scholarships to selected students in 1963. The tuition awards do not reimburse students for minor personal fees, such as hospital and student activities, but do pay for all other registration charges. All students working part-time as Teaching Assistants or holding fellowships in geology are eligible unless their tuition is paid by other sources. Funds for these awards are provided by gifts to the Geology Fundation from our alumni.

The following students received tuition scholarships for the 1966-67 academic year and the 1967 summer session:

Thomas H. Anderson	Robert A. Levich
Hugh R. Balkwill	John F. McKnight
Gale A. Bishop	Robert D. Merrill
James L. Carew	James A. Miller
Margaret Ann Christie	J. Stewart Nagle
Lawrence P. Cook	Jerome N. Namy
G. Lyman Dawe	William J. O'Sullivan
James E. Dobkins, Jr.	Peter Parks
John R. Everett	William M. Reid
Robert H. Fakundiny	Ruth Roberta Rice
Robert F. Gemobilis	Barney J. Rosen, Jr.
John C. Gries	Moayad A. Shafiq
Charles G. Groat	David W. Sipperly
Richard H. Groshong	Kenneth E. Smith
Peggy W. Harwood	Neil L. Turner
Richard A. Hoover	Mark J. Valencia
John R. Howlett, Jr.	Richard B. Waitt
Harold A. Illich	Richard L. Watson
Ronald E. Janowsky	H. E. White, Jr.
Michael A. Jordan	Michael A. Wiley
L. Gifford Kessler	William E. Workman
Robert S. Kier	Leonard M. Young
Joseph R. Kuykendall	Doy L. Zachry

## GEOLOGY ALUMNI NEWS

**Patrick Leon Abbott** (MA '66) is part owner of The Bottle House in San Diego, California. The Abbotts live in La Mesa and their third son, Deron, was born in February 1966.

**Edwin V. Acker** (BS '56) writes from Houston that he wishes he could find time to go to the ballgames like his out-of-town friends. Ed is Geologist with Pan American Petroleum Corporation.

**Samuel C. Adair, Jr.** (BS '56) continues as Geophysicist with Esso Standard Libya in Tripoli. The Adairs are still enjoying working and living there and have two children, Sammy (15) and Donna (10).

**George Baxter Adams** (BS '51, MA '53) has joined the newly organized Houston firm, The Angelina Corporation, as Vice-President and Geologist.

**James B. Adams** (BS '53, MA '57) has entered into a partnership for the practice of law. The firm is Richards, Adams, Martin & Stout with offices at 904 West Avenue in Austin. Jim says he still "has active interest in geology and enjoys seeing and reading about where everyone is and what they are doing."

**Jim Walter Adams** (BS '51), Unitization Geologist with Humble in Midland, is currently teaching Boy Scout Merit Badge in astronomy. Jim is still active in politics and camps out frequently at Monahans sand dunes in addition to "occasionally horseback riding and skiing."

**W. H. (Bill) Adamson, Jr.** (BS '51) writes from Midland: "Nothing new except a new daughter, Linda Carol, by adoption, to add to the family to make us four now. Carol was born September 11, 1966. Her sister Nancy (7) is a second grader and says she wants to attend UT and be a lady scientist—doesn't say which kind!"

**Elsie Donnell Akin** (BA '47) is teaching math in a Wichita Falls junior high school. Her husband Ned is in the oil business with his father, J. W. Akin. The Akins have four children: Kathy, a freshman music major at UT, two boys in high school and a girl in junior high. Elsie says she is thoroughly enjoying her teaching and is working on a Master's at Midwestern University in the summers.

**C. Clarence Albers** (BS '48) continues as Staff Paleontologist with Pan American in New Orleans.

**Charles W. Alcorn, Jr.** (BS '52) has completed his first year as a well-servicing contractor and continues to "find it an interesting and rewarding occupation." He also hopes to increase his geological consulting activities in the coming year. Charles is President of the Spears-Alcorn Well Service in Victoria, Texas.

**James W. Alewine** (BS '50) is "still hunting that elusive oil—chased it all the way to Alaska last summer." James is Senior Geologist with Sinclair Oil & Gas Company in Houston.

**Hashim Al-Khersan** (MA '66) is currently working on his Ph.D. at the University of Oklahoma in Norman.

**Arthur C. Allen** (BS '60), Park Planner with the National Park Service in Washington, D.C., received his Master's from the University of Michigan in Natural Resources Administration in July 1967. He also attended the fall and spring semesters at Ann Arbor in conjunction with an In-Service Training Program sponsored by the National Park Service.

**Paul H. Allen** (BS '49) is Chief Geologist with Glassell Producing Company & E. R. Sink in Carthage, Texas. Paul writes: "Have built a new home and moved the family in just in time for Christmas. Have finally found the way to enjoy life—become a country gentleman. Finding East Texas and Arkansas geology very exciting."

**Fred Altman** (BS '42) is Account Executive for Walston & Company in Fort Lauderdale, Florida. Fred has been with this New York Stock Exchange firm for the past eight years.

**David L. Amsbury** (PhD '57) is now Aerospace Technologist with NASA in Houston. David writes: "We are back on the Gulf Coast after a brief try at the consulting business in Denver. Seafood, fishing, and swimming loom large in our plans for the summer."

**Fayez S. Anan** (MA '65) expects to receive his Ph.D. from the University of Massachusetts in Amherst in January 1968. Fayez is currently finishing up his field work by taking offshore samples off the coast of Massachusetts and New Hampshire.

**Arthur E. Anderson** (MA '58) is Geologist with AMOSEAS at The Hague, Netherlands.

**George H. Anderson** (BS '53) is Geologist with Pan American in Houston. George joined Pan American in 1957 and worked in Albuquerque and Farmington, New Mexico before being transferred to Houston in 1965. He is married to Earlene Webb and has two children, Carol (14) and Jim (11).

**J. Earl Anderson, Jr.** (BS '57, MA '60, PhD '65) is Assistant Professor of Geology at the University of Kansas in Lawrence. He writes: "Pat is slaving over KU's *Geology Newsletter*, Cindy is taking guitar lessons, Scott is raising hell and I do as little as possible. Pat Bickford and I have started petrological and geochronological work in the Missouri Precambrian, a fascinating project."

**John J. Anderson** (PhD '65) is teaching structural geology, geomorphology and beginning geology at Kent State University in Kent, Ohio, where he is an Assistant Professor. John has received an NSF grant to continue for two years the work in the High Plateaus of Utah which he began for his dissertation.

**Paul D. Anderson** (BS '47) reports "nothing new" from Midland where he is a Partner in W. D. Anderson & Sons. Paul is married to Peggy Bissell and has two children, Ken (17) and Karen (15). Ken will be coming to UT in September 1967.

**Payton Victor Anderson** (BS '45) is "developing several nice leases in Crane & Upton Counties." Payton is a partner in W. D. Anderson & Sons in Midland and is also active in ranching in South Dakota. He and Evelyn have three daughters and one grandson.

**Carl E. Andrews** (BS '58) continues with the L.P. Department of Liberty Mutual Insurance Company in Dallas.

**E. DeWitt Anthony, Jr.** (BS '50) is Contract-man with Texaco in Midland. DeWitt received his LL.B. from UT's law school in August 1966.

**Millard B. Arieck** (BA '27, MA '28) writes from Midland: "Self-employed chief cook and bottle washer and a farmer. Usually people think I am retired but the truth is I was born tired and never got over it. Stick my neck out in a deal now and then and usually get it chopped off. Have a boat, naturally, as I live in the middle of fishing area—300 miles in any direction."

**Edgar P. Armstrong, Jr.** (BS '51) continues as Valuation Engineer (Oil & Gas) for the Internal Revenue Service in Houston.

**Robert N. Arrington** (BS '51, MA '54) has recently been transferred to Sydney, Australia, from Perth, and is now in charge of exploration for plant foods minerals for Continental Oil Company of Australia.

**Ray Artusy** (1938-39) is an Independent Oil Producer in Boulder, Colorado. Ray writes: "Since my cousin LBJ was elected, have received innumerable fringe benefits so have retired and live in Boulder, Colorado. Moved here principally because of the hunting, fishing and skiing. My home in town has 125 feet of running creek. Have a consulting retainer requiring three hours per week, which is more than enough. At home to all our old Texas classmates."

**Larry M. Asbury** (BS '59, MA '61) was transferred from Libya to Tehran, Iran last September. Larry is Geologist for the Lavan Petroleum Company (operated by Atlantic-Richfield) and says their travels have helped compensate for the effort involved in living overseas.

**Edwin T. Ashworth** (MA '54) is teaching physical geology, historical geology and introduction to earth science at Heidelberg College, Tiffin, Ohio. Ed is an Assistant Professor and spent last summer travelling and collecting minerals and rock specimens in Mexico and Guatemala.

**Louis Astudillo, Jr.** (BS '59) continues as President of Trans American Resources, Inc., in La Paz, Bolivia.

**Dick E. Atchison** (BS '53, MA '54), Geologist for Marathon Oil Company in Anchorage, says he thought Alaska might be cold country after twelve years in California, but it's just right. Dick invites all of us to come up and help "us Alaskans" celebrate their Centennial this year. (Reckon we should surprise him?)

**E. R. (Bob) Atwill** (MA '60) is now Production Geologist with Shell in Midland. Bob says they are building a new home and hope all friends will stop by and see them.

**Ann Marie Parsons Austin** (BS '58) continues as Instructor in Geology at The University of Texas at El Paso. She will return to school half-time this fall to complete her M.S. in civil engineering. Her husband, Mike, is an Associate Professor of Electrical Engineering at UTEP and they have two children, Mallory (7) and Graham (5).

**Joseph B. Avant** (BS '51) continues as Geologist with W. H. Hudson & Company in Dallas.

**Herbert A. Babione** (BS '40), Division Reserves Geologist with Humble in Oklahoma City, is "completing five years north of the Red River Fault where the Wilcox is Ordovician and the Ellenberger is Arbuckle." He promises to try to do a better job of scouting the "Big Red" this year.

**A. C. Baker** (BS '51) is an Independent in Wichita Falls, Texas. He writes that 1966 was a good year for him and sends regards and best wishes to all his friends.

**Charles M. Baker** (BS '51) is a Geologist for Continental Oil Company in Shreveport, Louisiana. Charles served as Secretary of the Shreveport Geological Society this past year.

**Ernest T. Baker, Jr.** (BS '55) continues with the USGS in Austin. Ernest is Chief, Reports and Technical Information, Water Resources Division—Texas District, and is currently secretary of the Austin Geological Society. The Bakers have two children, Laura Lou (1) and Ken Alan (5).

**Gus B. Baker** (BA '49, MA '52) writes to us from Casper, Wyoming, where he is District Geologist for Chevron Oil Company.

**Jerry D. Baker** (BS '51) is Mechanical Designer for Gregerson, Gaynor & Sirmen, Inc. in Dallas. Jerry writes: "It seems that no sooner I receive my copy of the *Newsletter*, it is time to fill out another card. This year, I am happy to report that part of my work has been on the high-rise student dorms and the LBJ Library for the UT campus expansion."

**W. F. (Bill) Baker** (BS '51) continues as District Geologist for The Shamrock Oil & Gas Company in Amarillo. Bill has one son at UT and "three more to go."

**W. W. Ballard** (PhD '61) is dividing his time between teaching geology courses at Rocky Mountain College in Billings, Montana, and exploring for oil with Baleron. Bill says his family is enjoying western living and reports "no recent additions."

**Charles C. (Sonny) Bankhead, Jr.** (1933) is a Consulting Geological Engineer in Dallas. He writes: "A serious car wreck laid me up most of 1966. Recovered in our new home and learned about nature above the ground as it grows. Son Charles (BBA '63) is a stockbroker with Payne, Weber, Jackson & Curtis here. Am now fine, thankful and again hunting oil."

**Luis M. Banks** (BS '44, MA '49) has been a Consulting Petroleum Geologist since 1961 in Buenos Aires, Argentina, and does commercial work in Argentina, Paraguay, Bolivia, Chile, and Uruguay. He is currently on assignment in Caracas, Venezuela, for the Ministry of Mines and Hydrocarbons. Luis (who is Paraguayan) and Luisa (who

is Argentinian) have three daughters—Eileen (20), who was born in Argentina; Ana Marie (16), who was born in Texas but has a "USA passport"; Rosie (14), who was born in Venezuela—and a son, Benny (10), who was born in Venezuela. Luis says he enjoyed seeing the picture of Dr. Whitney's Geology 365 class in last year's *Newsletter*.

**Ellwood T. Barrett** (BS '54), Independent Geologist in Madisonville, Texas, writes "same wife and two children and am working in the most active area in Texas—Madison County."

**Benjamin (Ben) L. Barrow** (BS '51) was recently transferred to Vancouver, Washington, where he is Western Sales Representative for Reilly Tar & Chemical Corporation, working California, Oregon, Washington, and Montana.

**L. T. (Slim) and Laura Thomson Barrow** (BA '21, MA '23; BA '23) report to us from Houston. Slim wrote us about the story we ran last year on the Mosasaur and gives this interesting sidelight on it. "I wonder if Dr. Bybee and a small group of us saw one vertebra in the winter of 1923-24. On a Saturday field trip, we visited the bluff in Onion Creek just below the Highway 71 bridge to collect fossils. I do not recall who saw the small exposure of the bone first, but we dug around it just enough to tell it was a vertebra of 'something' and to be sure more digging would be a mistake. I feel sure we told Dr. Whitney about it, and I seem to recall he saw it and said it was a Mosasaur . . . The bone we saw was in the bluff about 10-15 feet above the bed of the creek so if it was the same fossil, there was considerable erosion or part of the bluff slumped into the creek between 1923-24 and 1935."

**Thomas D. Barrow** (MA '48) is Director and Senior Vice-President of Humble Oil & Refining Company in Houston. Tom has just completed his first year as Chairman of the Geology Foundation Advisory Council.

**Jerald H. (Jerry) Bartley** (BS '37), Consulting Geologist and Independent Oil Operator in Midland, writes: "After twenty-nine years in Midland, have decided this is the place. Family is status-quo. Bruce is a junior at Notre Dame (pre-law) and then UT. Steve is a frosh at St. Mary's University in San Antonio. Ann is a frosh at Midland High. Mrs. "B" (Lonnie) is about ready to trade-in her cook stove for lunch tickets at local eatery (ha!). Am looking forward to grand opening and reunion at the new Geology Building."

**William E. Bassinger** (BS '51) continues as District Geophysicist for Union Oil Company of California in Bakersfield.

**W. Lee Baten** (BS '54) is an Industrial Engineer with U.S. Borax & Chemical Corporation in Boron, California. Lee says: "Have more paperwork—they call it a promotion. Have same family and same location (Lancaster, California) and we're still enjoying Southern California."

**Patrick S. Beard** (BS '52) is now Vice-President of Exploration for Clark Canadian Exploration Company in Denver, Colorado. Pat says they've moved their exploration efforts to Canada, a great oil country. He still has three girls and a four-year-old boy and still "loves the Rocky Mountain area."

**Joe Beard** (BS '42) is now associated with James M. Harmon (BS '49—OU) engaged in probing for Silurian reefs in southeastern Michigan and southwestern Ontario, Canada. Their offices are in St. Clair, Michigan.

**Robert E. Beatty, Jr.** (BA '50, BS '54) is District Director for the Railroad Commission of Texas in San Antonio.

**Bryan D. Beck, Jr.** (BS '39) became a Real Estate Broker in September 1966. He is owner of the Bryan Beck & Company in Beaumont.

**Lynn S. Beeler** (BS '62), Captain in the U.S. Army, writes to us from Nampa, Idaho: "Returned from one year duty in Viet Nam this March. Plan to make the service a career. Presently assigned as an Engineer Advisor to an Idaho National Guard Unit. Would certainly enjoy a visit from any alumni who are in this area."

**Robert L. Begeman** (BS '42), a Consulting Geologist in San Antonio, writes: "Have been doing fine in the oil and gas finding business. In the past several years have taken up art as a hobby and have exhibited paintings in two shows this year. Pat, Mary Pat (16) and Michael (10) are all fine."

**George A. Bell** (BS '50) continues as Geophysicist with American Overseas Petroleum Ltd., in New York City.

**James John (Jim) Bell** (MA '63), D & P Engineer with Standard Oil Company of California in Carpinteria, says he's "still single and still in same job which is mostly exploitation geology." He reports most of his work is offshore and very interesting.

**W. E. Belt, Jr.** (BS '43), previously associated with Edwin Allday (BS '51, MA '53), Houston oil operator, is President of the new Angelina Corporation which entered the oil and gas exploration and operating business April 1, 1967. The firm will be headquartered in Houston with offices in the First City National Bank Building, and its operations will be concentrated in Gulf Coast areas.

**James B. and Kathryn Giddens Bennett** (BS '61; BA '61) are still living in Shreveport, Louisiana, and have recently moved into a new home. James is now Geologist for Skelly Oil Company and Kathryn will be teaching geometry in Shreveport's newest and largest high school next fall. Their daughter, Kathryn, will start first grade in September.

**Jay I. Bennett** (BS '52) is completing his fifteenth year with Texaco; he's Landman in their Corpus Christi office. Jay's wife, Henrietta, is teaching Special Education and daughter Margaret is in Incarnate Word College in San Antonio, and daughter Mary will go there next fall. The Bennetts also have two sons, John, who plans to enter St. Mary's in 1969 and John, who will be in UT in 1974! Jay says "three out of six—not par but better than a double boggy."

**Richard E. Bennett** (MA '59), Exploitation Engineer with Shell in New Orleans, is now part of the company's four member "Inflow Performance Task Force." The problems, according to Dick, are basic and have been very costly for the industry since its inception. He says they have some real capable men on the team and suspect they'll be successful in getting some answers.

**Robert L. Bentley** (BS '54) is District Geological Engineer for Tenneco Oil Company in Lafayette, Louisiana. He married Jeanne Smith from Calgary, Canada, in 1960, and they have one daughter, Pamela, age 4. Bob went to work for Tenneco in February 1955 in Midland and was transferred to Calgary in September 1957. In March 1959 he was transferred to Lafayette. Bob says "hi" to all his old school chums!

**Earl H. Bescher** (BS '40) continues as Coordinator of Exploration Personnel with Humble in Houston.

**Tanakarn Bhatrakarn** (BA '61, MA '61) is Assistant Professor and Acting Head of the Department of Geology at Chiangmai University, Chiangmai, Thailand. A new addition to the Bhatrakarn family, a son, arrived on March 31, 1967. They now have two sons and two daughters.

**Jerry W. Biesel** (BA '60) is an Attorney in the law firm of Biesel & Diamond in Dallas.

**Don G. Bilbrey** (BS '53, MA '57), Petroleum Engineer with Gulf Oil Corporation, reports "nothing new" from Roswell, New Mexico. Don says he's looking forward to seeing some ball games in Austin this fall and getting a look at the new Geology Building.

**Terry V. Bills, Jr.** (BS '55, MA '57) is an Independent Consulting Geologist in Lafayette, Louisiana.

**Russell C. Bingley** (BS '62) is an Engineering Geologist with the California State Department of Water Resources in Red Bluff, California.

**Neal J. Bingman** (BA '26) retired on September 1, 1966, from Amerada Petroleum Company. Neal had been with the company for thirty years, having started work for Amerada in 1936 at Midland. In 1947, he went to Wichita, Kansas, as District Geologist. Neal and his wife, Opal, and son, Frank, live in Wichita at 1313 Farmstead.

**Bobby A. Bishop** (PhD '66) reports: "We will vacation in Europe (Germany, Switzerland, Austria and Luxembourg) from July 1 to the middle of August. Plan to visit famous Solnhofen quarries in Bavaria. Will be in Greenville, North Carolina in September where I will be Assistant Professor in the newly created Geology Department of East Carolina College. Will teach historical and physical geology and stratigraphy and paleontology. The new department will consist of five professors in September and further expansion is anticipated."

**Norman Bishop** (BS '57), Assistant to the Superintendent of the Blast Furnace Department for Lone Star Steel, writes from Longview: "Have been in the Blast Furnace Department for three years now. Am quite involved in technical problems concerning blast furnace operations. All my girls are in school now—Barbara teaching, Amy in the third grade and Jill in the first grade."

**William T. Biskamp** (BS '54), Geologist with Humble, has been transferred from "Smogsville" (Los Angeles) to the "Mile High City" (Denver). Bill says they had to get to Denver to feel their first earthquake. The Biskamps "have plenty of room and will welcome any visitors."

**W. E. Bivens, Jr.** (BA '38, BS '39, MA '39) is still in San Angelo where he is an Independent Geologist. His son, Bill III, is back in school after military service as a senior at UT (summa cum laude). His daughter, Mary Ann, is taking her junior year abroad from Newcomb College at the University College of Wales at Aberystwyth, Cardiganshire.

**Thomas K. Bjorklund** (MA '62), Exploitation Engineer with Shell in Ventura, California, writes: "Still studying oil, Tertiary sandstone but changed from lacustrine beach sands in Utah to turbidites in California. Also switched from Chevron Oil to Shell. Biggest change was in family size with our first child, Kristen, born January 6, 1967."

**Frederik S. Blackmar** (BS '55) is attending the U.S. Naval Post Graduate School in

Monterrey, California, studying meteorology. He says: "At least meteorology ends in 'ogy' which is the closest I have been to geology with the exception of my continued interest in the lapidary field, in particular the origin and cutting of banded agates."

**Harvey Blati** (MA '58) reports he's "one year older!" Harvey is Associate Professor of Geology at the University of Houston.

**William Scott Bledsoe, Jr.** (BS '51) is President of Bledsoe Aviation, Inc., in Corpus Christi. He and Marjorie have three children, William Scott III, Mark and Lisa.

**Richard R. and Anne Egdorf Bloomer** (PhD '49; BA '48) are living in Abilene, Texas, where Richard is an Independent Geologist and, since last fall, a Professor of Geology (part-time) at Hardin-Simmons University.

**Donald N. Blount** (BS '61, MA '62) received his Ph.D. from LSU in May 1967 and has accepted a position with the research department of Union Oil Company of California. He will be working with carbonate rocks at the research laboratory in Brea, California.

**Robert L. Bluntzer** (BS '60) continues with the Texas Water Development Board in Austin. Bob is Coordinator of the Board's ground-water studies in twenty counties in north-central Texas and Matagorda County.

**Murray E. Body** (BA '32) writes to us from Tripoli, Libya: "I was Vice-President of Tidewater Oil Company for six years in Europe and the Middle East and then was elected to my present position as President of Oasis Oil Company of Libya, Inc. with offices in Tripoli and New York. Oasis is the operating company for Amerada Petroleum Corporation, Continental Oil Company, Marathon International Oil Company and Shell Petroleum Company. We have production of approximately 700,000 barrels of oil per day."

**Charles M. Boenig** (BS '61) continues as a teacher of math and science in the Refugio (Texas) High School.

**Billy H. Boggs** (BS '54) is now living at 1904 South 7th, Kingsville, Texas.

**Gerald Pat Bolden** (BS '51) is a Geologist with Shell Oil Company in Midland. His son, Craig, will enter UT this fall.

**Robert E. Bonar** (BA '32) continues as Geologist for Forest Oil Corporation in Lafayette, Louisiana. Bob reports "no change—one wife, one son."

**Charles Clinton Booth** (MA '56) reports that the cattle business is doing all right in spite of imports, lack of rain and our Federal



Forty Years Ago!

This photo was taken on the UT campus May 18, 1927. Reading from left to right: Dr. John Lonsdale, Mr. King, Dr. Wrather, Dr. Gould, Mr. Moody, Dr. Elias Sellards, Dr. Frederick Simonds, Dr. Fred Bullard, Dr. F. L. Whitney, Mr. Allen and Mr. Arthur Deen. In the front, sitting: Mr. Gordon Damon (with hat) and Mr. Adkins.

government. Charles is President of the Flat Top Ranch in Walnut Springs, Texas and he and Guyanne have three girls (13, 10 and 2).

**Robert T. Booth** (1930-31) is an Independent Geologist in San Antonio. His only "hi-lite" of the year was taking his daughter to the Folies Begere in Las Vegas for extra credit in her French course—so he says!

**Douglas L. Bostwick** (MA '53), Senior Geologist for Humble in New Orleans, is "still working the offshore area and getting in a little well-sitting forty miles out in the Gulf of Mexico." The Bostwicks latest addition is a daughter, Pamela Sue, born May 9, 1966.

**Southern W. Bower** (BS '50), Sales Engineer for Dresser-Mageobar, writes: "This past year we were transferred from Columbus, Texas, to Portland, Texas. This was a change from the Land of Live Oaks to the Salt Flats where almost daily I am supplied with a free scenic boat ride on Corpus Christi Bay to check a drilling rig."

**Leslie Bowling** (BA '28), Oil and Gas Consultant in New Orleans, reports "no more birthdays." Leslie is a member of our Geology Foundation Advisory Council.

**Wayne F. Bowman** (Advisory Council member) and Mrs. Bowman celebrated their golden wedding anniversary on April 30, 1967. This happy occasion was saddened by the death of their only son, Wayne, Jr., on May 28, 1967.

**Don R. Boyd** (BS '58) writes from Corpus Christi: "Left the warm 'nest' of a major this past September to try it on my own. More enjoyable—possibly less rewarding! Family is eating regularly, though. I am currently President of the Corpus Christi Geological Society and we have many active members who are Texas Exes." Don's office is 1410 Driscoll Building.

**Walt V. Boyle** (BS '54, MA '55) Geologist for Shell in Midland, is "presently conducting regional geologic evaluation studies in New Mexico and Texas."

**David O. Bozeman** (BS '51) is Geological Manager for Sohio Petroleum Company in Oklahoma City. Dave writes: "Am drilling some wells and finding some oil—noting big, but appears to be profitable. The office and my family add up to a full life, but I did make the AAPG meeting in Los Angeles."

**M. T. Bradford, Jr.** (BA '50), Independent Landman in Oklahoma City, is "putting drilling deals together and buying and selling leases."

**Robert W. Bradley, Jr.** (BS '56) continues as Production Geologist for Humble in Midland.

**Philip Braithwaite** (MA '58) continues as Carbonate Petrologist for Sun Production Research in Richardson, Texas, "working on ancient and modern carbonates." Phil plans to visit England shortly for "the first time" since he came over and "expects to see a lot of changes."

**Robert F. Brandt** (BS '57) writes: "In January 1967 I accepted a position as geology instructor at South Texas Junior College here in Houston. I am the only geology instructor and am teaching lecture and lab sections of both physical and historical geology. Enjoy it very much but this first semester has been rather hectic preparing lectures, organizing labs, grading papers, etc. South Texas has just recently moved from the YMCA Building to new quarters at #1 Main Street (M & M Building). Current enrollment is 3500 students with about 110 taking geology. I am still taking graduate work at the University of Houston; have recently moved into a bungalow-type duplex I purchased in southwest Houston."

**Robert L. Breedlove** (BA '35, MA '35) continues as Chief Geologist for Ark-La Gas Company in Shreveport, Louisiana. Bob is also a member of the Board of Directors of Arkla Exploration Company.

**Thomas E. and Betty Ann Giese Breedlove** (BS '54; BS '54) live in Corpus Christi where Tom is Geologist for Marathon Oil Company.

**William M. Brenner** (BS '58) is Supervisor of Elementary Physical Education of the Santa Fe, New Mexico, city schools.

**Herbert Lee Brewer** (BS '47) formed the Brewer Oil & Gas Company in April 1966 with offices at 506 Local Federal Building in Oklahoma City. He reports they've been very happy with the successful operations during the past year.

**Thomas E. Bridge** (PhD '66) is now Assistant Professor of Earth Science at Kansas State Teachers College in Emporia, Kansas.

**Luther W. (Dan) Bridges** (MA '58, PhD '62) has been transferred from Midland to New Orleans by Shell. Dan wrote he "might even get married soon." Our grapevine tells us he married Louise L. Leal of San Antonio, May 27, 1967.

**William E. Bridges** (MA '59) has recently been transferred from New Orleans to Tulsa. Bill is Geologist with Pan American Petroleum Corporation.

**Richard J. Birdwell** (BS '62) is working on his M.Sc. at Colorado School of Mines at Golden. He will spend the summer of 1967 mapping interesting tectonic areas in San Luis Valley and plans to finish his thesis in the spring of 1968.

**D. R. (Bob) Brogdon** (BS '53, MA '54) continues as Geologist with Marathon Oil Company in Shreveport, Louisiana.

**Clyde A. Brooke** (BA '46) continues as Division Exploration Manager for Pan American in New Orleans.

**Frank I. Brooner, Jr.** (BS '51) is an Independent Consulting Geologist in San Antonio, Texas.

**M. N. Broughton** (BA '30, MA '31) reports "no news" from Tulsa, Oklahoma, where he is Geologist for Texaco.

**Georgette Covo Browder** (BA '44) writes from Pecos, Texas: "My husband had unsuccessful open heart surgery in January and I have been busy nursing him during several illnesses since then. Our four children are fine, however. We are noticing with interest activities of seismograph crews in this area."

**Noel K. Brown, Jr.** (BA '49, MA '52) is a Research Associate for Esso Production Research Company in Houston.

**Robert E. Brown, Jr.** (BS '35) lives in Lockhart, Texas, where he is a rancher. His son, Robert III, is a freshman at UT.

**Thomas E. Brown** (BS '56, MA '58, PhD '63) is Assistant Professor at Stephen F. Austin State College in Nacogdoches, Texas. Tom says they are enjoying living in East Texas, but he can't say much for the rocks in the area!

**Jesse Lee Brundrett** (BS '53, MA '55) writes from Overton, Texas: "No news. Same wife; same kids; same job. No. 1 daughter having big time and rough time at UT." Jesse is District Geologist for Humble.

**Wallace E. Brunson** (BS '42, MA '54) says when this issue of the *Newsletter* goes to press that he will have an engaged daughter at Texas Tech (senior) and a son at UT (freshman). Wallace is Senior Geologist for Pan American in Fort Worth.

**James E. (Woody) Bryant** (BS '43, MA '48), Chief Geologist for Vaughn Petroleum, Inc., in Dallas, says he's "another year older and deeper in debt, and the endless search for the big one (or little one) goes on."

**Leonard C. Bryant** (BS '57) continues as District Geologist for Cities Service Oil Company in San Antonio.

**Julius A. Buchanan** (BS '41) is now an Independent Consultant in Tyler, Texas.

**Leroy C. Buehrer** (BS '57) writes from Dallas: "Changed jobs in December 1966 and am now with Core Lab's Engineering & Consulting Department in their Dallas office. Spent first three months of 1967 in Riyadh, Saudi Arabia."

**Rafael Bueno-Salazar** (BA '57) is Chief Exploration Geologist for Ecopetrol in Bogota, Colombia. He reports: "I spent seven months in France with ERAP, SNPA and the French Petroleum Institute in a very interesting training program. Upon my re-

turn was transferred to the Exploration Department in Bogota. We have ambitious exploration plans! Good luck to all."

**Richard T. Buffler** (BS '59) writes: "Well, after a long struggle, I finally received my Ph.D. from Berkeley and have sold my soul to Shell, working with the Alaska branch. We are now in the heart of Ronnie Reagan land (Los Angeles) and living in the geologically famous Pacific Palisades (on a stable level lot). It's a traumatic experience fighting the freeways every day, but we're enjoying life here so far." Dick is an Exploration Geologist for Shell.

**Fredda Bullard** (MA '51) is working as a Social Scientist for TRACOR, Inc., in Austin.

**Pat Parks Burbridge** (BA '58) is "still enjoying part-time work in Sun's Palynology Department (in Richardson, Texas) and full-time work as the mother of two."

**Burke Burkart** (BS '54, MA '60) is Assistant Professor of Geology at Temple University in Philadelphia. He and Russ Clemons will be working jointly on a project in northwestern Guatemala near Huehuetenango this summer and next. Burke was married a year ago and his wife's name is Marilyn.

**Michael P. Burkart** (BA '60) has been working in Palo Alto as Administrative Assistant to the Dean's Office for the Stanford Business School since last summer on a one-year contract. Mike reports "zero wives, zero kids to date."

**James D. Burke** (BS '38) continues with McClain & Burke, Consulting Petroleum Geologists and Operators, in Corpus Christi.

**Ray A. Burke** (BS '47) is a newly-elected member of the Geology Foundation Advisory Council. Ray is Senior Vice-President and a member of the Board of Directors of Union Oil Company of California in Los Angeles.

**John A. Burleson** (BS '49), Zone Geologist for Humble in Midland, is enjoying his "second round" there and says it's nice to be back with so many exes.

**T. J. (Jeff) Burnett** (BS '49) continues as a Partner in T. J. Burnett & Son in Houston.

**Bill C. Butler** (BS '53), Geologist for Humble, has been transferred from Tyler to Midland.

**Dave R. Butler** (BS '55) is a Geologist for Standard Oil Company of Texas in Corpus Christi.

**Mrs. Hal P. Bybee** (widow of "Doc" Bybee) writes to us: "From the sidelines, am still very much interested in the Department and Bureau and am very grateful for the many wonderful staff members and stu-

dents who have meant and are meaning so much to the science of Geology, to Industry and to the world in which we live."

**Robert W. Bybee** (BA '41) is moving from New Orleans (for the third time) to Houston (for the third time)! Bob will be Manager of Humble's Eastern Marine Division, Exploration Department.

**Leon G. Byerley, Jr.** (BS '52) reports "no changes and nothing new" from Midland where he is a Partner in Byerley, Caussey & Howbert, Consulting Geologists.

**Ronald W. Byram** (BA '26) is President of R. W. Byram & Company in Austin.

**D. Harold Byrd** (1919-21) was presented with a Distinguished Alumnus Award by the Ex-Students Association in October 1966. Harold is Owner and Manager of the D. H. Byrd Enterprises in Dallas.

**Robert H. Byrd** (BS '57) is Manager of the Americana Building for Gulf Interstate Company in Houston. Bob worked for Phillips Petroleum in 1957-58 and for Loeb & Rhoades in Argentina for two years before joining Gulf Interstate in 1960. He is married to Sherry Van Chronkhite and has four children, Bobby, Tommy, Billy and Susan.

**William M. Byrd** (BS '56, MA '58) writes: "Am happy to be back east in Abilene (Texas) after eight years in West Texas and southeastern New Mexico. Moved here with Humble last year as District Geologist."

**Warren J. and Susan Kiefner Cage** (BS '50; BA '50) are "still watching Corpus grow." Warren and Susan are both Geologists with Gulf Oil Corporation in Corpus Christi.

**Frank Kell Cahoon** (BS '57), Independent Oil Operator in Midland, is serving his second term in the Texas Legislature with two Republican colleagues in the House and one in the Senate. He has also become associated with Tonkawa Refining Company and United Savings Life Insurance Company.

**Dean L. Callender** (BS '56, MA '58) continues to "enjoy working the Smackover and salt problems in East Texas." Dean is Area Geologist for Standard Oil Company of Texas in Dallas and is expecting his third boy and "first Texan" in June.

**John F. Camp, Jr.** (BS '39), President of Camp Oil Company in San Antonio, says his son, Bill, is completing his first year at UT and thoroughly enjoying all phases of his work, including Band.

**Rodney J. Camp** (BS '43) is Geologist for Camp Oil Company in Midland. The

Camps have one daughter, Kathleen, who married a graduate of the Air Force Academy in June 1966.

**Donald Gene Campbell** (BS '59) is Chief Geologist for Reading & Bates in Tulsa, Oklahoma.

**Donald Harvey Campbell** (MA '62) continues to work on his Ph.D. at Texas A & M University. Don is working on the Yucca-Las Vigas Formation of the Quitman Mountains, Hudspeth County, Texas, and says he might graduate next year.

**Richard A. Campbell** (MA '56) is Company Geologist for Phoenix Oil Company in Lafayette, Louisiana. The Campbells have three boys ("Cajuns" all), Kevin (11), Eric (7) and John (2). Dick reports they're still enjoying Lafayette and things in general!

**Alvin A. Candela** (BS '41) has been an Independent Geologist in Corpus Christi for the past eight years. Al says "the domestic exploration for oil should get better because 'Darwin's Survival of the Fit' may force many geologists to go into other fields."

**W. Henry Cardwell** (BA '38), Consulting Petroleum Geologist in Dallas, has been elected Chairman of the Dallas chapter of Society of Independent Professional Earth Scientists.

**Marvin T. Carlsen** (BS '52) is teaching Life and Earth Science (7th grade) in Midland. Marvin entered the teaching profession in 1965 having earned the requirements for certification from Sul Ross State College. He says it's a challenging experience for anyone tired of petroleum geology.

**Alfred Townes Carleton** (BS '51, MA '52), General Partner in Structurmaps, Ltd., in Midland, reports "family status unchanged; still peddling geological maps of the Permian Basin."

**Arthur L. (Art) Carroll** (BS '49) is Office manager of the Claytonville Gasoline Company in Sweetwater, Texas. Art has the "same wife, same three children (Lee, 14; Richard, 10; Nancy 7) and would like to hear from some old friends."

**Ralph V. Carson, Jr.** (BS '55), Staff Accountant for Continental Oil Company in New York City, writes: "Joined Continental Oil in 1964, received CPA in 1965, transferred to New York in 1966. At the present, I am on the Controller's Staff. Somebody has to worry with profits, expenses, and such!"

**Robert D. Carter** (BS '48, MA '48), Independent Geologist in Corpus Christi, has one daughter at UT and a son "eager to start there." Bob is also an Instructor in

Oceanography for the Naval Reserve Officers School in Corpus and was recently elected Treasurer of the Corpus Christi chapter of the American Society for Oceanography.

**Jack C. Cartwright** (BS '51, MA '55), District Geologist for Texas Pacific Oil Company in Midland, writes: "It has been a busy but enjoyable year in the new job with Texas Pacific. It's good to be associated with some really dedicated UT exes in this company. Barbara and I enjoyed seeing several old friends at the Ex meeting in Los Angeles. Best wishes on the move into the new building. Can hardly wait to visit!"

**David G. Casey, Jr.** (BS '60), with Shell Oil Company in New Orleans, is still working offshore but has transferred from Facilities Section and is now assigned as Reservoir Engineer. He's scheduled to attend a three-month advanced Reservoir-Logging-Geology course in Houston next fall. He and Cynthia love New Orleans but still plan to watch UT beat the Hogs. They were in Austin for the game last year but "saw no classmates."

**Dwight E. Cassell** (BS '55, MA '58), Geologist for Humble in Corpus Christi, is working subsurface exploration for the South Texas Division and "saving up chips to go to the International Congress in Prague next year."

**Donald E. Caussey** (BS '51) continues as a Partner in Byerley, Caussey & Howbert, Consulting Geologists, in Midland.

**Joe A. Champion** (BS '39) continues as Staff Geologist for Shell Oil Company in Houston.

**John G. Champion** (BS '47) is an Independent Consultant in Tyler, Texas. He, Beverly and family are all enjoying East Texas.

**William D. Chandler** (BS '51) reports "things are about the same." Bill is Senior Exploration Geologist for Standard Oil Company of Texas in Midland. He and Kathy have two children, Bill (13) and Lynn (11).

**Walter Chatham, Jr.** (BA '48, MA '50) writes: "Hello to everyone. Nothing new this go-around. If there is any Ham Radio Operator among the gang that want to set up a 'rag-chew' send a message to WA4WFN." Walt is a Geologist for the Federal Power Commission in Washington, D.C.

**Carl Cheff** (BA '40) continues as an Independent Consulting Geologist in Austin.

**Thomas H. Chesnut** (BS '59) is "enjoying the excitement of a fast growing area and company." Tom is Quality Control Engineer for Texas Industries, Inc., in Arlington, Texas.

**Adnan K. Chetin** (BS '45, MA '46) recently joined the staff of the French Petroleum Company in Calgary, Canada. Adnan "hopes to contribute, microscopically, to the ever-expanding struggle for peace, friendship, prosperity (through petroleum), where politicians seem to fail miserably!"

**C. A. Chimene** (BS '50), Geologist for Austral Oil Company in Houston, is "having another extremely happy average year in Texas' Number 1 City and looking forward to a successful fall season."

**Jack M. Chrismon** (BS '51) continues as Senior Geologist for Sun Oil Company in Tyler.

**Margaret Ann Christie** (BA '64) is working on her thesis at UT—part of the greater Austin mapping project.

**Stephen E. and Patricia S. Clabaugh** (BS '40, MA '41; MA '62) took the Hawaiian field trip after the GSA meeting last fall and thoroughly enjoyed it. Pat is busy as Managing Editor of the *Journal of Geological Education* and Steve is busy (really up to his ears) trying to get everyone situated and squared away in the new Geology Building. Steve says he's enjoyed returning to full-time teaching at the end of his term as departmental chairman last September, but by this spring he seemed to be spending half of his time on University committees!

**Uel S. Clanton, Jr.** (BS '55, MA '60) writes: "Spending part of my time teaching the Astronauts to pick up 'moon rocks.' Also getting a chance to see some interesting geology as we take the Astronauts on field trips to Hawaii, Alaska, California, Oregon, Arizona, Texas, New Mexico, Iceland, etc." Uel is Aerospace Technologist for NASA in Houston.

**Mary Jo Clark** (BA '46) is Secretary for Humble Oil & Refining Company in Houston.

**W. Kenley Clark** (BS '36) is Vice-President of The Superior Oil Company in Houston.

**William George Clarkson, Jr.** (BA '37) is Geologist for Globe Exploration Company, Inc., in Midland.

**Wilbur R. Cleaves** (BA '60) will finish his medical internship at Providence Hospital, Washington, D.C., this summer. From there he'll do a two-year stretch in the Navy, "hopefully in California." Wilbur says the new Geology Building sounds great and "good luck and keep up the good work." (Thanks, Wilbur!)

**George H. Clements** (BA '22) is "still in retail drugs" in Denton, Texas.

**Russell E. Clemons** (PhD '66) is Assistant Professor of Geology at The University of

Texas at Arlington. Russ will be working in Guatemala the summers of 1967-68 on a NSF grant project with Burke Burkart.

**Donald B. Clutterbuck** (MA '58) is Senior Geologist, Marine Division, for Shell Oil Company in Houston. Don says there's been quite a bit of activity offshore Texas during the past year, "more than enough to do for a 30-hour day." The Clutterbucks have two boys, one almost four and one ten months.

**Arthur L. Cochrum** (MA '52) is Geologist for Humble in Corpus Christi.

**W. Howell Cooke, Jr.** (BS '48) writes from Houston: "Am working as a director to promote the success of the Ashbrook Corporation which manufactures and sells a unique patented device for mixing gases, low viscosity liquids and flowable solids. It has no moving parts. Are presently concentrating on the aeration market as it applies to the oxidation of polluted fluids. Am also taking scuba diving lessons. Know any underwater prospects?"

**H. Grady Collier** (BS '49) writes from New Orleans: "With the sale of my employer of some sixteen years, The British-American Oil Producing Company, assumed new task with two Shreveport oil men, John Franks and Jack W. Grigsby. About the same time I was privileged by election to serve as President of the New Orleans Geological Society—a truly rewarding year!"

**Bryan D. Collins** (BS '50) continues as Technical Advisor for the USAF Security Service in San Antonio.

**James W. Collins** (BS '56) is "still in Corpus with Tenneco and still working the Valley area as Geological Engineer."

**Omar G. Conrad** (1963-65) is Chairman of the Geology Department at Metropolitan Junior College of Kansas City (Missouri).

**Edward Spurgeon Conway** (BA '38, MA '39) is Deputy Manager for Esso Exploration and Production, U.K., Inc., in London, England, and has been there since September 1965. He's been involved in both onshore and offshore exploration and reports being successful in both but that the North Sea discovery is much larger. Spurgeon has also been concerned with exploration in the Red Sea off Ethiopia.

**John S. Conway** (BA '56), Division Production Engineer for Cities Service Gas Company, has been transferred from Ulysses, Kansas, to Guymon, Oklahoma. He writes: "Helen, Jim, John, Jeff, Julianne and I are well and fine. Hello to all our friends and we are pleased to hear about the new building."

**Carroll E. and Marion Clark Cook** (BA '23, MA '32; BA '22) have just returned from

an eighty day cruise to New Zealand, Australia, Tahiti, Hawaii and other South Pacific Islands. Their son, Carroll C., recently moved with his family from Mobile, Alabama, to El Dorado, Arkansas. Carroll is a Geological Consultant here in Austin.

**Beaumont B. Cooley** (MA '56), Division Formation Evaluation Geologist for Standard Oil Company of Texas in Midland, was recently elected President of the Permian Basin Well Logging Society, a chapter of the Society of Professional Well Log Analysts. Beaumont has become active in sailboating, sailing a "Flying Scot" on Lake J. B. Thomas near Snyder.

**John D. Cooper** (MA '64) is a Geologist with Shell Oil Company in Los Angeles, California.

**Duncan Corbett** (BS '36), Landman for Hawn Brothers Oil Company in Corpus Christi, reports things are very quiet around the homestead with both son and daughter away at college.

**Glen Lee Corrigan** (BA '55) continues as Library Sales Representative for Collier-Macmillan Library Services in Houston. Glen won a ten day trip for himself and wife to Spain and Portugal in the company's 1966 National Sales Contest.

**Augustus S. Cotera, Jr.** (BS '52, MA '56, PhD '62) will join the staff of the Department of Geology at Northern Arizona University in Flagstaff this fall. He has been Associate Professor of Geology at Allegheny College in Meadville, Pennsylvania.

**Billy Clayton Cotner** (BS '53) reports "same as last year and now drilling in New Mexico also." Billy is General Partner in Meadco Properties, Ltd., in Midland.

**Anny Buchstab Coury** (BA '49) continues as Geologist-Librarian for Texas Gulf Sulphur Company in Houston.

**Jerry Covington** (BS '43) is an Independent Geologist in Midland. His daughter, Renee, works for the *Austin American-Statesman*; son Gary is at USAF Academy, Colorado Springs; son Kyle graduates from high school next year; and Lisa and Kirk "still have a way to go."

**Geneva Risinger Cox** (BA '37) reports "no news" from Houston and that she enjoys reading about others.

**R. Wilson Cozby, Jr.** (BS '60) received his M.S.D. degree in Pedodontics in June from Baylor University College of Dentistry (Dallas) and will begin practice in Tyler. A new son, Andrew Jay, was born January 11, 1967. He reports Bettye, Ray, Chris and he are fine.

**William W. Craig** (currently working on PhD) continues as Associate Professor at



Thirty Years Ago!

Richard J. Hughes, Jr. sent us this picture of the 1937 Geology 20 class. If we're not correct in listing the names of the people in the photo, please let us know! Left to right: Gus Eifler, Gordon McNutt, W. H. Cardwell, Blake Cochrum, J. M. Fouts, Jr., T. C. Tillotson, P. O. Geddie, John Henry McCammon, W. G. McCampbell, J. M. Frost III, J. P. Smith, Joe Champion, unknown, J. D. Burke, H. V. Reeves, and R. J. Hughes, Jr.

Northeast Missouri State Teachers College in Kirksville.

**Roland P. (Buddy) Crawford** (BS '63) continues as Scout-Geologist for Coastal States Gas Producing Company in Lafayette, Louisiana. He writes: "Still a carefree bachelor and enjoying life in the 'Cajun' country. Lots of oil to be found here but it will be necessary to drill wells to find it."

**Weyman W. Crawford** (BS '50) is Exploration Geologist for Texas Gulf Sulphur Company in Houston and is currently working South Louisiana and offshore Louisiana-Texas.

**William E. (Bill) Crawford** (BS '62), Senior Geophysical Engineer with Mobil Oil Corporation, has been transferred from Dallas to Oklahoma City. He says he, Mavis, Brad and Karen are glad to be back there and sends best regards to all their old friends.

**William R. Cree** (BS '52) continues as a Partner in Cree Oil Company in Abilene, Texas.

**K. Stewart Cronin** (BA '31, MA '32) is Executive Vice-President of the Great Yellowstone Corporation in Dallas.

**James R. (Bob) Crow** (BS '50) continues as President of Petroleum Operations, Inc., in New Orleans. Bob's oldest daughter, Marquerite, graduated from high school and he says "we are getting older!"

**John C. Crowell** (BS '39), Professor of Geology, is transferring from UCLA (where he's been on the faculty for twenty years) to the University's campus at Santa Barbara. John has just returned from a trip around the world in connection with an NSF project to investigate Permo-Carb glacial sequences in the far southern hemisphere and their bearing on continental drift. He spent a delightful five weeks

"camping" in the Ellsworth Mountains of Antarctica, two weeks examining tectonics of New Zealand and, after crossing Australia and the Indian Ocean, over a month in a Land Rover (5800 miles) in South Africa studying the Dwyka. This past fall John directed the Continuing Education Program of the Houston Geological Society.

**Max M. Crunk, Jr.** (BS '51) is Geologist for Warren American Oil Company in Midland. He reports: "A good year! 1966 saw Chavero Field, discovered by Champlin and Warren American, develop into a San Andres giant. 50 million barrels plus; proves there are still big fields stateside."

**Milton W. Crusius** (BS '49), Staff Geophysicist for Humble in Houston, writes: "Spent a year and a half in Cape Province and Zululand, South Africa. Now working with Digital Seismic Processing. Oldest son considering both UT and SMU for pre-law.

Youngest son just entering Boy Scouts. Still interested in and working with Scouts on Geology Merit Badge at El Rancho Cima, Hayes and Comal Counties."

**Thomas M. Culbertson** (MA '48), Geologist with Bear Creek Mining Company in Midland, reports he's "sulfur hunting."

**Hugh M. Cunningham** (BA '40) is President of Hugh M. Cunningham of Dallas, Inc. Hugh writes from Dallas: "Do not be confused by the title; am primarily a salesman-manufacturer's representative. Very happily occupied and continuously busy maintaining and providing for a family of ten—six boys and four girls—and a most outstanding spouse!"

**Hugh M. Curfman** (BS '48) is an Independent Geologist in Lafayette, Louisiana. He writes: "Living in heavily mortgaged new home, waiting for our fifth child to arrive. Need capital for 'good' deals."

**John Francis Curran** (BS '59), Attorney for Pan American Petroleum Corporation in Calgary, Canada, is teaching a law course at the University of Calgary, "Law for the Layman," and says he's enjoying it greatly. John tells us he was pleased to hear of our building progress and high academic ranking and wishes us continued success! (Thanks muchly, John!)

**David K. Curtice** (BA '53) continues as Research Geologist-Materials Engineering for the Southwest Research Institute in San Antonio.

**Mrs. Robert H. Cuyler** (widow of our former faculty member) reports from San Antonio: "No interesting news. Just 'rocking along' and getting deeper in that old rut. Son, Robert, Jr., is Data Processing Programmer with the San Antonio Savings Association. Always enjoy and look forward to the *Newsletter*." Esther sends her best wishes to all of you who remember her.

**Larry J. Darnall** (BS '58), Staff Geologist for General American Oil Company in Dallas, continues in exploration and development work. Much of Larry's time is occupied by unitization proceedings in South Louisiana and he's involved in frequent hearing work. The Darnalls have two children, one a new baby boy.

**E. Julius and May Defendorf Dasch** (MA '59; MA '60) are still in New Haven, Connecticut. Julius expects to finish his Ph.D. at Yale in June 1968 and May is working at the Peabody Museum and also does a bit of part-time work for USGS. She hopes to complete work on a catalog of the invertebrate type specimens by the time Julius finishes.

**Marthann Kessler David** (BA '43), Senior Research Scientist at Pan American's Research Center in Tulsa, is in her twenty-third year with the company. Her current work is devoted to technical editing of reports issued by their Geological Research Division and assistance to the Geological Research Director on various special assignments.

**George Herbert Davis** (MA '66) is working on his Ph.D. at The University of Michigan at Ann Arbor. George tells us he was recently selected from "thousands" of candidates to serve as President of that famed organization, MESS (Michigan Earth Science Society).

**Horace C. Davis** (BA '40) is "still active as producer and drilling contractor in eastern Colorado and serving second term as Mayor of Great Bend, Kansas." Horace is President of Davis Drilling, Inc.

**Morgan J. Davis, Sr.** (BA '25) is Senior Partner in Morgan J. Davis Associates in Houston. Morgan also serves on our Geology Foundation Advisory Council and is a nominee for the Vice-Presidency of GSA.

**Morgan J. Davis, Jr.** (MA '53) is a Partner in Morgan J. Davis Associates in Houston.

**Richard A. (Skip) Davis, Jr.** (MA '61) sends regards to all from Kalamazoo, Michigan, where he's Assistant Professor of Geology at Western Michigan University. He says he has lots of things going but most of them pretty slowly. Their graduate program starts this fall and "as yet there's no 'hole' for their new building." Last summer Skip went on a NSF trip with Tom Freeman and this summer he'll be in the Wind River Mountains with the University of Missouri field camp.

**Robert B. and Mary Quick Davis** (BS '49; BS '48) visited the UT campus with their family last summer for the "first time in many years and were amazed at the many changes and were in fact lost most of the time." Bob is District Exploration Manager for American Petrofina Exploration Company in Tyler.

**William E. (Ted) Davis, Jr.** (MA '62) received his Ph.D. from Boston (Massachusetts) University last June and is now an Assistant Professor there.

**William Hill Davis** (BS '41) is a Consultant with William H. Spice, Jr., in San Antonio.

**Edward Leroy Day** (BA '57) USAF Captain and Navigator of KC-135, is currently assigned to Clinton-Sherman Air Force Base, Oklahoma, as a member of the Strategic Air Command, having reported there in August 1965. Prior to that he was in Germany for three years. He and Puddin have three children: Debra (11), Lee (10) and

John (6). (Captain Day didn't tell us this, but we learned that he has recently been decorated with his second Air Medal—received for meritorious achievement during military flights made on duty in Southeast Asia. Congratulations!)

**Kenneth J. (Jim) DeCook** (MA '57), Research Associate at the Water Resources Research Center, The University of Arizona in Tucson, is "still doing research and graduate work."

**Leslie A. Dedeke, Jr.** (BS '55) is "still working as a Geophysicist for Humble in Corpus Christi."

**Frederik E. Dekker** (MA '66) is working as Geologist for Union Oil Company of California's International Division in Los Angeles. The Dekker's first child, Kurt Wermuth, was born March 3, 1967, and Fred says he keeps them hopping! He was at the AAPG meeting this past spring and "enjoyed meeting old friends from Texas."

**George de Mohrenshildt** (MA '45) is Owner-President of Mohrenshildt & Company, Consultants, in Dallas. George writes: "Still Director of the Geological & Mineralogical Survey of Haiti. Spending more time in the USA now—after four years in the Caribbean, Texas is hotter, but less dangerous than Haiti. Was a delegate of Haiti at the Seventh World Petroleum Congress."

**John Lane Denson** (BA '49, MA '50) continues as Rector of Christ Episcopal Church in Nashville, Tennessee. Lane's keeping mighty busy being a member of the Tennessee Pilot Diocese Steering Committee, the Bishop and Council Diocese of Tennessee, and the Southern Regional Training Project for Christian Missions. In addition, he's President of the Episcopal Development Corporation of Davidson County.

**George P. Derry, Jr.** (BS '49), Consulting Geologist in Corpus Christi, writes: "Everything seems to be status quo. My oldest daughter is graduating from high school this year and I started my sixth year as a consulting geologist on May 1, 1967."

**W. H. (Bill) Devine** (BS '48) is a Geologist for Sun Oil Company in Corpus Christi. His oldest daughter just completed her freshman year at UT.

**Teodoro (Ted) Diaz-G.** (BS '40) was transferred from Monterrey to Reynosa in May 1966 and from there to Mexico City last October. Ted is Superintendent of Subsurface Geology for Petroleos Mexicanos.

**Bettye Hudson Dick** (BS '49) is now living in Houston. Her husband, Charles, has been made Manager of Operations, Mid-Continent Area, for Western Geophysical.

Bettye says Houston sure seems "damp" after all the years they spent in West Texas!

**Kenneth L. Diebel** (BS '50) is Division Production Geologist for Humble in Houston.

**Jane Ormond Dinkins** (BS '38) writes from Houston that she's "happily unemployed." She and L. L. are spending more than half their time raising Registered Red Angus Cattle on their farm south of Hempstead.

**Lane P. Dixon** (BS '53) works as Geologist for Humble in Midland.

**William R. (Bill) Dixon** (MA '58), Assistant District Geologist for Vaughn Petroleum, Inc., in New Orleans, has a new house and a new son, Bret, born August 30, 1966.

**William D. Dockery, Jr.** (BA '58) has been transferred to Dallas where he's now District Manager-Southwest Industrial Materials for U.S. Gypsum Company. Bill says they're glad to be back in Texas and hopes to renew old acquaintances, so come see them!

**William E. Dodd** (BA '34), Analytical Technician for Humble in Baytown, writes: "Humble is building a new modern laboratory to house the various laboratory groups and IBM machines. Needless to say, I am hoping that I can survive three more years of this automation. I have two children still in school."

**Thomas W. (Tim) Doll** (BS '60) continues as Assistant Director of Personnel Relations, Petrochemical Department, of Continental Oil Company in New York City. The Dolls are expecting their second child in August. Tim says after two years in New York they are really looking forward to getting back to the great southwest.

**H. T. (Tom) Donaldson** (BS '58) changed brokerage firms on January 1, 1967, after six years with a prior firm and is finally "starting to do something with the oil stocks." Tom is a Stockbroker with Ferris & Company in Washington, D.C.

**George A. Donnelly, Jr.** (BS '40) is Vice-President of The Eastland Drilling Company in Midland.

**Gene C. Doty** (BS '54), Hydrologist with USGS in Albuquerque, New Mexico, says he "has camper—will travel (job permitting)."

**William E. Dougherty** (BS '36) continues as an Independent Geologist in Corpus Christi.

**Michael Evans Douglas** (BS '58) is a Partner in Douglas and Gauntt in San Antonio. He and Joyce have four children: Robin, Steve, Kirk and Lisa.

**William Watson Doyel** (BS '48) is Hydrologist with the USGS in Washington, D.C., and is "now becoming involved with ADP, establishing a catalog of information on water data, together with an information service on same."

**F. Larry Doyle** (BS '50) is "still looking for ground water in the dry tropics of Panama as part of the Alliance for Progress." Larry is Chief of Ground Water for International Resources & Geotechnics, Inc. in Panama City. His family now includes "one wife and one son."

**Robert E. Doyle, Jr.** (BS '55, MA '57) continues as Division Reservoir Engineer with Shell Oil Company in Denver. He and his wife and two children live in Golden at the foot of the mountains.

**William M. (Bill) Doyle** (BS '52) is an Independent Geologist in San Antonio.

**Ralph C. Duchin** (MA '55) is now Geologist for Forest Oil Corporation in Lafayette, Louisiana, having left Shell Oil Company to join Forest about a year and a half ago.

**William E. Dunaway** (MA '62) continues as Geologist for Standard Oil Company of Texas in Houston.

**Don Dunbar, Jr.** (BS '51) has moved from Abilene, Texas to Midland and is still Chief Geologist of The Dunbar Corporation. He writes: "Same old tricks in a new location. Especially enjoying working with WTGS and other professional organizations in the formation of the West Texas Center for Graduate Studies. Over 100 Midland geologists were registered in locally sponsored graduate courses in 1966-67. Counting petroleum engineers, 235 in all were matriculated and one major company's representatives amounted to 10% of the total. The Center will be open for business in September 1967 and negotiations are now under way to offer courses in geology, reservoir engineering, management and geophysical computer techniques. I speak for many more than myself in saying thanks to the Department of Geology for its support in this pioneering effort with special thanks to Professors DeFord and Muehlberger for clearing the path to graduate credit, and to the traveling team of Professors Fahnstock, McBride, Folk and Scott."

**David Evan Dunn** (PhD '64) has been promoted to Associate Professor and Acting Chairman of the Department of Geology at the University of North Carolina, Chapel Hill. Dave attended a NSF-sponsored Rock Mechanics Symposium in July 1967 and will lead the Southeastern Section GSA field trip in March 1968. He has been working on NSF and ARPA research and says Gretchen starts Law School next year.

He hopes to see everyone at GSA in New Orleans!

**Clarence O. Durham, Jr.** (BS '42), Director of the School of Geology at Louisiana State University, reports the birth of his second daughter, Amy Clare, on April 28, 1967.

**Dale L. Dutton** (BS '59) is now West Coast Field Editor for McGraw Hill Book Company in Los Angeles. Dale writes: "Finally married last December (1966). Wife Donna is a native Californian and is finishing her Master's degree at Occidental College this summer. She is a choral director—teaches and works with groups in LA's New Music Center. My new job gives me limited travel on the West Coast, working with book projects primarily in electronics, aerospace, architecture and business."

**Connie Mayes Dyer** (BA '58) writes from Corpus Christi: "Nothing new this year. Jeff (6½), Kelly (5) and Stephanie (1½) keep me mothering most of the time. Byron is still exploring the Gulf Coast for Southland Royalty Company and we still love Corpus."

**Lynn C. Eads** (BS '57) is still working as Staff Geologist with Coastal States Gas Producing Company in Corpus Christi.

**Fred A. Ealand** (BS '48) is now working as Division Exploration Information Manager with Humble in New Orleans, "involved in computer applications in geology, an exciting and new adventure in petroleum exploration." Fred reports the family is all well and happy.

**Bill M. Easley** (BS '48) continues as a Partner in Easley and Curry in Corpus Christi. Bill writes: "Our older daughter married Charles Talbert (of the football Talberts) last June. Son Charlie is a senior in law school and Jan is teaching in Austin. We get to all the games so will drop by the Geology Department for a visit if possible in the near future. Keep up the good work."

**Gerald K. Ebanks** (MA '66), Geologist for Mobil Oil Corporation in Shreveport, was recently transferred from the Exploration Department to the Production Department. Gerald is doing work in East Texas and South Florida.

**Joe Edgar, Jr.** (BA '41) is a Partner in the firm of Edgar & Slator (Oil Producing & Exploration) in Austin.

**Dwight James (Jim) Edson, Jr.** (MA '51) will be teaching in the public schools of Hanover, New Hampshire next fall. This summer he and Ginny will "camp" near Ginny's folks at Bridport, Vermont, while Ginny nurses and Jim takes two education courses at the University of Vermont in Burlington. The Edsons have three children, David, Peter and Ruth. David will enter Dartmouth in September.

**John L. Edson** (BS '65) returned to Texas after a year abroad in New Zealand and Australia, bringing back an addition to the family, Melinda Lea, born July 22, 1966, in Brisbane. John is teaching geology, physics and math at the high school in Seguin, Texas.

**John T. Eidt** (BS '49) is now working as Chief Geologist for Hemphill & Shelby Drilling Company in Tulsa, Oklahoma. John writes: "The past year I was 'honored' with the popular major oil company award—dismissal, at the age of 42 with a family of three children. Hope it's the best thing that ever happened to me. My advice to all rockhounds—stay flexible, or you're dead!"

**Gus K. Eifler, Jr.** (BA '29, MA '30), Research Scientist-Associate with UT's Bureau of Economic Geology, is mapping the surface geology of the Texas Panhandle area for the Geologic Atlas Project. Gus is also Geology Division Chairman of the 1967 CLASP Drive.

**Emmett Daniell Ellett** (BA '60) is teaching biology at Natrona County High School in Casper, Wyoming. His wife, Edna, also teaches and their daughter, Donna (15) is an honor student. Their son, Rob (13), is athletic, prefers baseball and hopes to pitch for the Longhorns in 1972.

**Ab R. Ellis, Jr.** (BS '50), Geologist for Texaco in Wichita Falls, reports "wife, kids and myself are doing fine."

**Charles W. Ellis** (BS '56), Senior Research Geologist for Sinclair's Research Lab in Tulsa, writes: "During 1966 I had an opportunity to study the Cambro-Ordovician sandstones of the Algerian Sahara, which I enjoyed very much. I also enjoyed Paris and London on the way home!"

**William C. Ellis** (BA '47) is currently Chief, Reclamation Division, Harza Engineering Company International, in Lahore, West Pakistan. Bill writes: "We have just tackled a new challenge in Pakistan and look forward to an exciting tour before returning to California. Our oldest son, Terry, jumped the traces and enters Santa Clara University this fall!"

**William R. Ellis** (BS '54) is Supervising Reservoir Geologist for Phillips Petroleum Company in Tripoli, Libya. Bill writes: "Nothing new other than I find myself in Tripoli—it could be worse, we just opened an office in Abu Dhabi!"

**Ralph I. Ellsworth** (MA '49) is an Independent Petroleum Geologist and Engineer in Houston.

**Joseph Elo, Jr.** (BS '56) has moved from Bartlesville, Oklahoma, to Tarzana, California. Joe is Geologist with Cities Service Oil Company in Los Angeles.

**Franklyn R. Engler** (BS '58) is doing regional geology in the Appalachian Basin. Franklyn is Geologist with Texas Eastern Transmission Corporation in Pittsburgh, Pennsylvania. He hopes to get to Texas this summer.

**James P. Evans III** (MA '65) continues as Geologist with Pan American Petroleum Corporation in New Orleans. He and Shannon have a new daughter, Kelsey Virginia, born March 15, 1967. James says he's enjoying working in south Louisiana.

**John R. Everett** (MA '64) completed a two year tour of active duty with the Army in Washington, D.C. and has returned to UT to work toward his Ph.D. in geology.

**Rizer Everett** (BA '37, BS '37) writes: "Departed from Djakarta, Indonesia, June 10, 1966. Traveled with wife, Hildegard, through Malaysia, Cambodia, Hong Kong, Japan, Denmark, Norway, Sweden, Germany, Holland, England, and Scotland. Saw lots of geology and several friends along the way. Commenced early retirement on September 1, 1966 and entered UT as a graduate student and aspirant for a Ph.D. in geography. Daughter, Dot, and her husband live in Norman, Oklahoma. Son John, his wife and son, live in Austin. John is working on his Ph.D. in geology. Have bought a home in Austin and plan to put roots down for a long stay here. Be sure to call us when you come this way because we're always glad to see friends."

**Max Eversberg, Jr.** (BA '29), Independent Geologist in Albany, Texas, reports "nothing new."

**Norman W. Ewbank** (BS '43) is now working as Geologist for Cities Service Oil Company in Midland.

**Robert Fakundiny** (working on MA) is currently a Teaching Associate in Geology here at UT.

**George H. Falk** (BS '57) has "changed from selling oil deals to conventions as of November 1966." George is Director of Sales at the Robert Driscoll Hotel in Corpus Christi.

**Tom E. Fanning** (BS '56) transferred from New Mexico to Midland last summer, just in time to take advantage of the first geology seminar offered there. Tom is Geologist with Marathon Oil Company.

**Dorman N. Farmer** (BS '50), President of the Doal Exploration Company in Abilene, Texas, reports: "1966 was a busy year; expecting greater things in 1967. The ideas are being tested and I have some still on the 'drafting table.' If you are through Abilene, give me a holler!"

**William A. Faubion** (BS '50) is Chief Geologist for J. B. Ashmun, Inc., in Calgary,

Canada. He and Dorothea have two children: Annette (3) and Bill, Jr. (1)—who Bill says was darn near a Canadian!

**O. W. (Buzz) Fauntleroy** (BA '48), Vice-President of Trio Oil Company in Los Angeles, combined with another Ex and former roommate, Hewitt B. Fox, in a new Frio gas discovery in San Patricio County, Texas. Buzz reports a wonderful reunion at the Alumni Party during the AAPG convention in Los Angeles in April.

**Aurelia Timpte Fay** (BA '58) writes from Harlingen, Texas: "Busy being a housewife. Our son Shawn has started walking and putting rocks in his mouth and I have started in oils (paint, that is!). Hi to all my buddies; if you are ever in the Valley give us a yell."

**Wiley R. Feist** (BS '50), Oil Scout with Humble in New Orleans, reports "no changes, no family additions."

**William M. Felknor, Jr.** (BS '58) continues as Technical Supervisor for General Cable Corporation in Lindsay, California. He reports that he, Becky, Gratia and Gratia A are all fine and are enjoying California living. They're only two hours away from the beautiful High Sierras and National Parks.

**Murray Felsher** (working on PhD), currently a Postdoctoral Fellow at McMaster University, Hamilton, Ontario, Canada, has accepted an assistant professorship in geology at Syracuse University beginning September 1967.

**Bruce W. Fields** (BS '51) continues as an Independent Geologist in Corpus Christi.

**Harvey Leon Fischer** (BS '59) is still doing geophysical exploration for oil in the Permian Basin area. Harvey is Party Chief for GSI in Midland and reports the wife and three children are all fine. (Incidentally, in the "Historical Picture" we ran on the back cover of the 1966 Newsletter, we identified Harvey as Walter K. L. Ferguson! Our apologies, Harvey!)

**Walter M. Fitzgerald, Jr.** (BS '53), Geologist for Temple Industries, Inc., in Diboll, Texas, reports: "Trying to 'skid' in pay zones under company property. The later string is still out for travel-weary geologists!"

**Goldoni E. Flack** (BS '51) is Production Geologist for Gulf Oil Corporation in New Orleans. He writes: "Been in the swamp land 2½ years after leaving Corpus Christi. Served as geologist on Gulf's new venture and discovery offshore Africa, Cabinda Gulf Oil Company in Cabinda, Angola Portuguese West Africa (50 miles north of the mouth of Congo River). Now back to same old 6-and-12. Have pick, will travel."



#### Twenty Years Ago!

This photograph was sent to us by G. Allan Nelson and Bill Calloway of Denver. It is the Geology 60A class taken in July 1947 by Dr. Fred Bullard at Curtis Field, Brady, Texas. Allan says he and Bill "identified parties as best we could with assistance from Joe Keyser." So here goes! Top row, left to right: John C. Osmond, Jasper L. Starnes, Joseph E. Keyser, G. Allan Nelson, William O. Calloway, Thomas D. Barrow, Henry L. Fulghum, Everett Carlson, William Roper, Hewitt B. Fox, Henry Wyneken, Harry Williams, Jack Hunter, John W. LeSassier, Fernand J. Souya, Bruce Kirk, Weaver H. McCracken, and Gus Eifler. Middle row, left to right: Ralston Brown, Edward McFarlan, Jr., Morrison Walker, John G. Champion, Charles Hornberger, Robert D. Carter, Raymond M. Richardson, Coyle E. Singletary, J. P. Hill, William J. Fennessy, and Ray A. Burke. Bottom row, left to right: Frederick C. Smyth, Buddy Hayes, Morton Biggers, O. D. Weaver, Herbert Brewer, Jack Lassiter, Charles Worrel, and Clem E. George.

**Terence B. Flanagan** (BS '51) continues as Senior Geophysicist for Pan American Petroleum Corporation in Houston. He and Peggy have a daughter, Lynn (16). His hobbies are electronics, raising and training birddogs and sailing.

**Richard R. Foster** (BS '50) continues as Assistant to the President of Dawson Geological Company of Midland. He says they've had another dry year in West Texas but he's looking forward to a busy summer with lots of golf and a little fishing.

**Hewitt B. Fox** (BA '47, BS '48, MA '48) writes from Corpus Christi: "W. Rinehart Miller and I dissolved the partnership of Miller & Fox so he could devote full time to mining ventures in Mexico while I took over full operation of all jointly held oil and gas properties under Hewitt B. Fox, Inc. I am also continuing to explore for oil and gas in South Texas with reasonable success. Come see me!"

**Ruben M. Frank** (BA '63, MA '65) is working on his Ph.D. at the Australian National University in Canberra. Ruben is on

a scholarship and will be there for at least three years.

**Dan R. Frantzen** (MA '58) is an Independent Consulting Geologist in Lafayette, Louisiana.

**Bruce K. Frazee** (BS '52) continues as Geologist for Marathon Oil Company in Corpus Christi.

**Donald L. Frazee** (BS '55,) Reserves Geologist for Southern National Gas Company in Houston, writes: "Still busy with company reserves and the development program. After work I play on the company softball team. So far we are playing 1.000 ball—all losses. So, as they say at the school NE of Austin, just wait till next year!"

**William Davis Frazell** (MA '35), President of W.W.F. Oil Corporation in Lafayette, Louisiana, is "still looking for oil in South Louisiana and about to send my first offspring to UT as a freshman."

**Thomas J. (Tom) Freeman** (PhD '62) is now Acting Chairman of the Geology De-

partment at the University of Missouri, Columbia. Tom is teaching stratigraphy and carbonate petrology in a "growing" department. He reports enjoying seeing Texas alumni in San Francisco and Los Angeles, and that Peg, Tom and Rob are fine.

**W. Merle Freeman** (MA '50) is District Development Geologist for Phillips Petroleum Company in Denver, Colorado.

**A. L. Frericks** (BA '41) continues as Division Geologist for Forest Oil Corporation in Corpus Christi.

**Annabelle Bannahan Friddle** (BA '45, MA '50) reports she and Herb had an enjoyable visit with the Bullards in April, when Dr. Bullard spoke to the Scurry County AIME there in Snyder (Texas).

**Jack Q. Frizzell** (BS '50), Independent Geologist in Abilene, Texas, is still enjoying the challenge of making a success of oil-finding in West Central Texas. Jack says he will need some good speakers for the Abilene Geological Society next fall and for volunteers to contact him.

**Ruderico Procopio Fuentes Fuentes** (MA '64) works as Geologist for the newly created Ground Water Commission of the Department of Irrigation-Public Works in Lima, Peru. He says the research of ground water in Peru, which has a desert coast, has just started and that he is happy in his new job.

**Ralph E. Fuge** (BS '49) is Petroleum Engineer for Sun Oil Company in Beaumont, Texas.

**William R. Fuge** (BA '49) has been transferred by Humble from Houston to Lafayette, Louisiana, where he will be District Exploration Manager.

**Henry L. Fulghum** (MA '50) continues as a Consulting Geologist in Jackson, Mississippi.

**E. M. Funkhouser** (BA '25) is retired and living in Calgary, Canada. Ernest was formerly Vice-President of Union Oil Company of Canada.

**Frank J. Fuqua** (MA '51) is now living in Oklahoma City, Oklahoma, where he is Geologist for Humble. Frank says Sherry is even becoming a good Okie and that their son Jamie has a new sister, Stacy, born October 1, 1966.

**Paul Stehen Fuqua** (BS '51) has been a Consulting Geologist in Dallas since January 1963. He reports an oil field discovery in 1964 and a gas field discovery in 1965, both in Hardeman County, Texas. Stephen was Vice-President of the Dallas Geological Society in 1955-56 and also edited their Photo Directory that year.

**Walter L. Furch** (BS '51), Independent Geologist in Midland reports "no news."

**James B. Furrh, Jr.** (BS '50), Independent Oil Producer in Jackson, Mississippi, continues active in Mississippi, Louisiana and Arkansas.

**William J. Ganus** (BS '58), Geohydrologist for J. M. Montgomery Consulting Engineers, Inc., in Pasadena, California, will return to the University of Arizona in the fall as an instructor while he continues work on his Ph.D. in hydrology.

**Frank J. Gardner** (BA '36, MA '38, PhD '42), International Editor of the *Oil & Gas Journal* in New York City, writes: "In February was the guest of the Saudi Arabian government for a ten-day look-see at the oil industry there. Busy place, lots going on, learned a lot. On my return, visited oil installations in Egypt, Libya, Italy, France, The Netherlands, and England. There's still no place like home, even if it's fun city New York!"

**Robert A. Gardner, Jr.** (BS '50) is Division Manager—Continental US for George Mitchell & Associates, Inc., in Houston.

**J. Neal Garland** (BS '59) is Petroleum Geologist for Robert Cargill (Independent) and John Wrather (Independent) in Longview, Texas. The Garlands have two children, Mimi (7) and James Neal (3).

**Lee Edwin Garner** (BS '62), Research Scientist-Associate for UT's Bureau of Economic Geology, recently published a Report of Investigations, "Sand Resources of Texas Gulf Coast."

**Douglas G. Garrott** (BS '51) was recently transferred from Midland to Denver, Colorado by Humble and says he's enjoying the Rockies. Douglas is now District Exploration Manager.

**Cameron H. Gates** (BS '60, MA '62) is now Geologist for Richardson Petroleum Enterprises in Corpus Christi. Cameron left Humble in August 1966 and says he's "sure enjoying his work with an independent operator."

**Thurman B. Geddie** (BS '45), Independent Petroleum Geologist in Houston, reports "business as usual—starting a new wildcat in Liberty County."

**Clem E. George** (BA '47, MA '48) continues as a Consulting Geologist in Midland. His son Kenn is a freshman at Washington & Lee and daughter Meredit is in the 9th grade. Clem took his family on a trip to the Middle East in the summer of 1966.

**Arthur R. Geyne** (BA '38) is "still managing the silver production coming out of Pachuca (Mexico)," where he is Managing Director of Cia. Real del Monte y Pachuca. His additional work consists of intensive efforts toward opening up a new copper-gold mine in southern Mexico. Arthur's youngest daughter, Mary Adele, has just completed her sophomore year at UT.

**Ralph Giannone** (BS '50, MA '51), Geologist with Sinclair Oil & Gas Company in Midland, reports "no new news—still searching for oil."

**Fred Marion Gibson** (BA '51) continues as Home Office Underwriter for the American Founders Life Insurance Company in Austin.

**Leslie W. Giddens, Jr.** (BS '54, MA '57) Independent Geologist in Corpus Christi, writes: "Active in originating and promoting drillable prospects in South Texas. Want to invite all my friends to come by and visit in my new offices at 1506 Six Hundred Building."

**Elliot Gillerman** (PhD '57), Associate Professor of Geology at the University of Kansas, Lawrence, writes: "Will be teaching geology half-time. Have recently been appointed as Director of North College, to be effective June 1. North College is one of five colleges which are part of a new

concept in freshman-sophomore education at KU. They are described as colleges within the College. Each College will start with approximately 500 students and next year increase to 1000. All freshmen will be involved. The purpose is to give freshmen and sophomores the advantages of the small academic community while preserving the resources of the big university."

**Louis deA. Gimbrede** (MA '51) is "still plugging at the same old stand!" Louis is Associate Professor of Geology at the University of Southwestern Louisiana in Lafayette. He says he has a few interesting graduate students in micropaleontology and extracurricularly is active in church, Masons, and summer house rentals in Thousand Islands, New York.

**William E. Gipson** (BA '48, MA '49) was transferred from Midland to Houston in June 1967. Bill is Vice-President and Exploration Manager for Pennzoil Company.

**Paul Giraudin, Jr.** (BS '48), Area Exploration Supervisor for Marathon Oil Company in Corpus Christi, reports "same everything."

**A. W. (Bill) Clover** (BS '56) is District Geologist for Lone Star Producing Company in Midland. Bill wants to know "where in the world is Bob Wingo?" (Anyone have any idea—we've "lost" him!)

**W. Leonard Goode** (BS '53) continues as Geologist for Marathon Oil Company in Midland. Leonard reports that Louise is teaching high school biology, William is in the fifth grade and Ricky in the first.

**James E. Gordon** (MA '51) is an Instructor at Del Mar College in Corpus Christi.

**Ronald L. Graner** (BS '58) was transferred from Phoenix, Arizona, to Nashville, Tennessee, in November 1966. Ronald is Watershed Planning Staff Geologist for the U.S. Department of Agriculture—Soil Conservation Service. The Graners now have a second child, a girl, born September 23, 1966.

**Richard E. Grant** (PhD '58), Geologist for USGS in Washington, D.C., writes: "Remaining busy on studies of Permian stratigraphy and brachiopods, especially striving to complete the report on Permian brachs of West Texas. Spent part of the winter visiting Permian areas and collecting fossils in Thailand, Iran, Tunisia and Sicily. Returned to West Texas in the spring. Family (two boys) well and happy."

**Volker Charles Grasso** (BS '49) reports "no changes; still in Oklahoma but get back to Texas whenever we can." Volker is Evaluation Geologist for Cities Service Oil Company in Bartlesville.

**Leo C. Gravis** (BS '42) writes from Estoril, Portugal: "The British American Oil Producing Company merged into Gulf Oil Cor-

poration on August 28, 1966. Am presently manager in Lisbon and director of Mozambique Gulf Oil Company and Cabinda Gulf Oil Company, responsible for Gulf exploration operations in Portuguese Africa."

**C. DeVearle (Digger) Gray** (BS '57) is now "permanently" settled in Corpus Christi where he is Senior Geophysicist for Mobil Oil Corporation. Digger reports: "Glad to be home. Family same as last report: one wife, one son, one dog. Congratulations on the new building—hope to see it soon."

**Donald M. Gray** (BS '51, MA '53) continues as Geologist for Shell Oil Company in Houston.

**Thomas E. Green, Jr.** (MA '56) continues as an Independent Geologist in San Antonio.

**Willard R. Green** (MA '55) is Geologist for Shell in Midland. He and Marianne have two daughters, Elizabeth (5) and Susan (3).

**Leslie Lohr Greenfield** (BS '54, MA '57) has moved from Houston to Beverly Hills, California. Leslie is now Digital Seismologist for Geophysical Services, Inc., and writes: "Doing data processing and interpretations for office crew 103. Acting assistant Party Chief on Parties 101, 103 and 122. Wife Ruth and sons, Ahlon and Ron, are really enjoying southern California."

**Jean Lewis Greig** (BA '44, MA '49) started back to college last fall working on a B.Ed. She found it fun but "lots of work juggling studying, laundry, term themes, P.T.A., tests, adolescent problems, and meals, meals, meals!" She says she should get a teacher's certificate around "retirement age." Jean lives in Calgary, Canada.

**Charles R. Grice** (BS '46) writes to us from Midland: "Son, Charles R. Jr., finishing three-year hitch in the Navy this summer and will enter UT at Austin this fall. Daughter, Marion, and son, Gordon, still have a few years to go before entering a UT someplace."

**Ariel D. Griffin** (BS '57) continues as District Geophysicist for Lone Star Producing Company in San Antonio.

**Keith R. Grimes** (BS '56), Meteorologist with the 1st Air Commando Wing, USAF, was recently promoted to the rank of major. Keith ends his five years as an Air Commando when he enters Air Command & Staff College in August 1957 at Montgomery, Alabama. For his work with his unit and in Southeast Asia, he has been included in the 1967 issue of "Outstanding Young Men of America."

**Holly D. Grissom** (BS '66) is working on his Master's at South Dakota School of Mines in Rapid City.

**Robert O. Gross** (BS '63, MA '65), Exploration Geologist for Standard Oil Company of Texas in Houston, says he and Liz are looking forward to news of the dedication of the new building and hope to be present for the festivities.

**Rafael C. Guariguata** (BS '48), Area Engineer—Far East Operations for Bataafse International Petroleum Mij, writes from The Hague: "My son Ralph is now in Holland with me and will attend a university in England. Nancy married Richard Weir and had a daughter March 31, 1967, named Catherine. I will be assigned to Shell Central offices for a period of two years, then will return to C.S.V. in Venezuela."

**Roy H. Guess** (BA '39, MA '40) writes: "After 18 delightful years with Newman Brothers Drilling Company in San Antonio, I have gone out on my own as an Independent Geologist. I believe the Rockies offer the best opportunities for independent companies to find oil, so will continue to live in Casper, Wyoming."

**Mehmet Gürel** (MA '56) continues as Technical Advisor in Geology for the Petroleum Administration of Turkey in Ankara. Mainly he's working in the office "practicing the application of geology to the petroleum law of Turkey" and doesn't do much field work. Mehmet says "hello and goodluck to all friends."

**Al W. Habarta** (BA '40) is "keeping busy looking for oil and fishing for trout and red fish." Al is District Production Geologist for Gulf Oil Corporation in New Orleans.

**Robert E. Hackbarth** (BS '41), Division Geologist for Texaco in Tulsa, Oklahoma, writes: "No news is supposed to be good news, so I sure have a bunch of *good* news for you this time! Enjoy the *Newsletter*."

**Walter T. Haenggi** (MA '57, PhD '66) works for Dow Chemical Company in Freeport as Geologist. Walt says he's still in the field at Cuatro Palmas, Coahuila, Mexico.

**K. F. Hagemeier** (BS '49) is President of Southern Crude Company in New Orleans. He writes: "Bought a new lot at a higher elevation (+1.3'). Planning a two story for use in next hurricane. Extended Bully Camp Field one more time. Family same—1 boy, 1 girl and one beautiful wife—all of us well."

**Marvin E. Hairgrove** (BS '42), Staff Geologist for Humble in Houston, is still enjoying his stay in Houston. Marvin says he's referred to the *Newsletter* "so very many times during the year when wondering about a geologic buddy—thanks."

**James J. Halbouty** (BA '42, MA '43) is a Consultant in Houston.

**Curry Walker Hall** (BS '54) is Geologist for The Preston Oil Company in Lafayette, Louisiana. Curry reports no news from over his way. He's still hoping to get back to Austin for a visit; he'd like to see the new building.

**Robert A. Hall** (BS '57) is an Independent Professional Geologist in Tyler, Texas. He writes: "Wynne and the kids are doing fine. Finally found that first, small, elusive, Smackover Field (Myrtle Springs, Van Zandt County) so perhaps we can afford to visit around more often (when production commences). Heard some really funny 'Aggie' jokes recently; how about you?"

**W. Dow Hamm** (Advisory Council Member, Geology Foundation) is Executive Vice-President of Atlantic Richfield Company in Dallas.

**Henry R. Hamman** (BS '60, MA '63) works as Geologist and Manager of Exploration Western Hemisphere for Hamman Oil & Refining Company in Houston.

**Lloyd A. Hammer, Jr.** (BS '53), a retired Naval officer, is working as Systems Engineer—Naval Shipboard Electronics, for RCA Service Company in Springfield, Virginia.

**Weldon W. Hammond, Jr.** (BA '60), Geologist for the Texas Water Development Board in Bay City, Texas, will finish up the groundwater resources study of Matagorda County and his thesis in September. Then he'll move to San Antonio.

**Paul Moore Hardwick** (BS '55) joined Texota Oil Company last fall as Manager of Exploration. Their offices are in the San Jacinto Building in Houston.

**Richard Finley Hare** (BS '41) says he's "plugging out old wells, selling off and eating up and battling teenagers!" Richard is President of Producers Service Company in Fort Worth.

**Louis A. Haring, Jr.** (BS '38), Independent Geologist in San Antonio, has been elected to the Board of Trustees, Alamo Heights Independent School District for a three year term.

**Travis O. Harkness** (1934-36) continues as President of Harkness Exploration Company in Dallas.

**Wiley B. Harle** (BS '50) is Geologist for Natural Gas Pipeline Company of America in Houston.

**Robert E. Harpster** (MA '57) is Senior Engineering Geologist for the State of California's Department of Water Resources in Sacramento.

**Weldon J. Harrell** (BS '49) continues as Independent Consultant-Geologist in Graham, Texas.

**David H. Harrington** (BS '51, MA '53) is "feeling settled in our new home with our young brood ages 6, 2½, and 1 years." David is Trust Officer for the Bank of the Southwest in Houston.

**Cleason L. Harris** (BS '51) is employed as Senior Geologist for Pan American Petroleum Corporation in New Orleans.

**J. Richard Harris** (BS '53, MA '57) is now President of Syracuse Oils, Ltd., in Calgary, Canada.

**Thomas E. Harris** (BS '57) works as Supervisor, Reservoir Department, for Coastal States Gas Producing Company in Corpus Christi.

**William H. Harris** (MA '61) is finishing up his Ph.D. field research on Barbados, West Indies, at Brown University, Providence, Rhode Island, and will be "job hunting" at GSA this coming November. He says Evelyn and Felice Amy are looking forward to Barbados vacation—"for them anyway."

**Robert S. Harvill, Jr.** (BS '50) is employed as Inland Zone Geophysicist for Humble in Corpus Christi.

**Laurence H. Hawes, Jr.** (BS '51), Exploration Geologist for Sinclair Oil & Gas Company in Houston, writes: "Our family toured National Parks of the West and points of geologic interest on the West Coast last summer. We plan to stay close to home this year and continue the search in East Texas."

**Edward F. Haye** (BS '51) continues as President of Photogravity Company, Inc., in Houston. The Hayes have two girls and one boy.

**James F. Hayes** (BS '49, MA '51) is an Independent Geologist in Houston. He is primarily working South Louisiana putting wildcat prospects together. He says he finds that Louisiana still offers a great deal of opportunity.

**Miles O. Hayes** (PhD '65), Assistant Professor of Geology at the University of Massachusetts, Amherst, writes: "This was UT year here with visits by Bob Folk, Hoover Mackin, Murray Felsher and Chip Groat. We plan to spend another summer on the U.S. version of the Wadden Sea (southwest shore of Gulf of Maine). Several enthusiastic students are studying sand waves, mud flats, skewness, etc."

**J. Don Haynes** (BS '56), Geologist for Haynes & V. T. Drilling Company in Corpus Christi, spoke to the South Texas Geological Society in San Antonio last February on "The Big Caesar Field, Kleberg and Nueces Counties, Texas."

**Mack L. Hays, Jr.** (BA '42), Independent Oil Producer in Tyler, Texas, recently became a life member of UT's "Dad's Association." His son, Bob, is now in his junior year here.

**Robert M. Hazlewood** (BA '42) has been living in Denver, Colorado, for the past fifteen years. Bob is Geophysicist for the USGS there.

**Grant Heiken** (MA '66) is a graduate student at the University of California, Santa Barbara. Grant started his Ph.D. this summer studying pyroclastics in Oregon under R. V. Fisher and A. C. Waters, and reports he's pleased with the school.

**Archie H. Heim** (BS '50) is Research Engineer for Schlumberger Technology Corporation in Ridgefield, Connecticut.

**Archie H. Heimer** (BS '55), Major in the USAF, is flying a F-4C Phantom in Viet Nam.

**Hiram M. Helm Jr.** (BA '41) has joined the faculty of the School of Business at The University of Texas at Arlington.

**William Brent Hemphkins** (BS '58, MA '62) has received his Ph.D. in geology from Northwestern University and has accepted a position as Geophysicist with Chevron Research Company in La Habra, California.

**Genevieve Beede Henderson** (1919-21) writes to us from San Angelo, Texas. She has two sons, George, a Biologist with the State Parks & Wildlife in Del Rio, and Douglas, a Computer with Phillips Petroleum Company in Bartlesville, Oklahoma. Her daughter, Elaine, is married and living in Wichita Falls, Texas.

**John D. Henderson** (BS '37), Geologist for Texaco in Wichita Falls, Texas, reports "nothing new."

**Curry Hendricks, Jr.** (BS '56) is Vice-President of Superior Sand & Gravel, Inc., in Houston.

**Leo C. Hendricks** (PhD '42), Professor of Geology at TCU, is combining teaching and field geology. His current project is a detailed geologic map of Tarrant County, cost supported by TCU Research Foundation.

**Jack Hendrickson** (BS '49) is employed as Exploration Manager for Champlin Petroleum Company in Fort Worth.

**E. R. (Bob) Henningsen** (BS '57) resumed his teaching duties at Tarleton State College in Stephenville, Texas, last fall following a year's leave of absence for graduate study at Texas A & M. Bob says the biggest event in the family will be obtaining another car for their oldest boy, Biff, when he receives his driver's license this summer—"this makes one really feel his age."

**Larry Reid Hensarling** (BS '56) writes from Lafayette, Louisiana, that he has left Morris & Burk to go "independent" and has formed the Petroleum Futures, Inc. Corporation.

**Charles W. Henslee** (BE '51), District Geologist for The Shamrock Oil & Gas Company in Amarillo, moved into a new home there in November 1966.

**James G. Herblin** (BS '52), Geologist with Tidewater Oil Company, was transferred from Bakersfield, California, in June 1967 to New Orleans. He was in exploitation in California and is now back in exploration and is very pleased about it!

**Harold T. Henslee** (BS '50) continues as District Exploration Geologist for Phillips Petroleum Company in Amarillo.

**Travis Hiester** (BS '60) is an Attorney with Kelley, Looney, McLean & Littleton in Edinburg, Texas.

**Charles H. Hightower, Jr.** (BS '56) is employed as Geologist for Atlantic Richfield Company in Lafayette, Louisiana.

**John D. Hill** (BS '49), President of Hill Chemicals, Inc., has moved into new offices in the Republic Bank Building in Dallas.

**Oliver J. Hill** (BS '58) is an Attorney in Sparta, Tennessee. He is also Judge of the General Sessions Court.

**Paul B. Hinyard** (BA '28) works as Senior Geologist for Shell Oil Company in Tyler, Texas. Paul took a fishing trip along the West Coast of Mexico this past spring.

**Lillian Blaine Hix** (BA '46) writes from Houston: "Am now plugging away full-time toward a Ph.D. in psychology at the University of Houston graduate school, with a scholarship under NASA Trainee Grant. Am majoring in physiological psychology with minors in sensory processes-perception and learning. We stay very busy with brain surgery on cats, implanting electrodes and recording."

**Sumner B. (Dave) Hixon** (MA '59), Assistant Professor of Geology and Geological Engineering at the University of Mississippi, Oxford, has been awarded a faculty fellowship for study and research in the subject area of "Space Environment" by NASA's Manned Spacecraft Center at Houston. Dave will be in Houston for ten weeks, beginning June 12, 1967. His paper, "X-ray Fluorescence on Lunar Surface," appeared in *NASA's Internal Notes* in January 1967.

**Carroll Ann Hodges** (BA '58) is now working as Geologist for the Utah Construction & Mining Company in San Francisco, California. She writes: "Have learned a lot about the mining business here, in what

must undoubtedly be the best mining camp in the world! My horse and cat and I moved in with the 'horsey set' in Woodside and greatly enjoy the countryside, despite the infernal commute! Good to see everybody here last November and look forward to 'tea-sipping' again this year at GSA in New Orleans."

**F. A. (Fred) Hoeninghaus** (BS '49) recently built a new and larger home for "growing family needs." Fred is Geophysicist for Humble in Houston and tells us that the *Newsletter* is still very much enjoyed and appreciated. (Thanks, Fred!)

**Charles W. Holcomb** (BS '37) is serving on the staff of Area Geologists for Humble in Corpus Christi. Charles completed thirty years service with Humble in June.

**Bill D. Holland** (BS '54) moved to New Orleans from Houston last September as Supervisory Production Geologist in Humble's Offshore District. He reports that his wife and family are fine.

**David S. (Scotty) Holland** (BS '57) is in his second year with Pennzoil in Midland, "getting very diversified experience from Texas to Alaska." Scotty is Senior Exploration Geologist.

**H. W. (Bill) Hollingshead, Jr.** (BS '57), former Log Analyst with Marathon in Midland, has joined H. J. Gruy & Associates, Inc., Petroleum Consultants in Dallas. Bill went to Ankara, Turkey, in April for Gruy for an evaluation of Turkish oil properties for the Turkish government.

**Clifford K. Holloway** (BS '50), Consulting Geologist in Amarillo, reports "everything about the same and looking forward to the *Newsletter* to check on everyone."

**Harold D. Holloway** (BS '57), with the Texas Water Development Board in Austin, served as President of the Austin Geological Society this past year. The Holloways have three children: Leslie (14), Margaret Ann (8) and Susan (6).

**Tomie S. Holmes** (BS '59), Vice-President of Holmes Well Service Company in McCamey, Texas, writes: "John is now 5 and Jennifer 4 and time sure flies. Hunting was good near the old field trip area south of Marathon. We had better than 90% kill. We hope to get to Austin soon to see the new building."

**Raymond Fred Holsch** (BS '50) is "continuing with Humble in wonderful Corpus Christi and enjoying every minute of it." Ray is Senior Geophysicist.

**C. L. R. (Lee) Holt, Jr.** (BS '49, MA '51), District Chief-Water Resources for USGS in Madison, Wisconsin, writes: "Since June 1966, I have been guiding the water

resources work of the reorganized Wisconsin District. The wife, Cathy, busy with spring flowers and son, Charles, is a freshman at the University of Wisconsin aiming towards oceanography."

**James W. Hood** (BS '48) is Supervisory Hydrologist-Investigations Section, for USGS in Salt Lake City, Utah. Jim writes: "Not much change; still researching the water resources—now a district staff member; too little field work. Daughter Jean married last year. James Jr. is at the University of Utah and Dick is a senior in high school. Am pretty well settled and growing tulips and a beard!"

**Charles J. Hooper** (BS '50) returned to Houston in August 1966 after having lived abroad for seven years in Iran and England. Charles is Manager of Dresser-Magcoabar's International Department in Houston. The Hoopers have a son (14) and daughter (11).

**Eleanor Macha Hoover** (BS '56) completed ten years of service as Paleontologist for Humble Oil & Refining Company in Corpus Christi in May 1967.

**Carlton W. Hornbeck** (BS '53), Manager of Exploration for McGarr & Trusler Oil in Alice, Texas, "continues to work in and be excited about the South Texas Gulf Coast." Carlton sends congratulations to us on moving to the new Geology Building.

**Joseph Hornberger, Jr.** (BA '29, MA '32) is President of Caribbean Oil Corporation and Hornberger Bros. Properties Company in Houston.

**Jon W. House** (BS '57), President of House Enterprises, Inc., in Midland, is serving as Vice-President of Midland's Community Theatre.

**Robert S. Houston** (BA '50) works as a Research Engineer for Norton Company in Worcester, Massachusetts.

**Jack M. Howard** (BS '51) is Director of Exploration & Development Division for the State's General Land Office in Austin.

**James W. Howard** (BA '47) is still employed with the Texas Water Development Board in Austin. Currently he is assigned as Hydrologist to the Water Use Section of the Basic Hydrologic Data Division.

**Jesse James Howard** (BA '43, MA '44), retired, is "still living on a hill overlooking the Bosque Valley" in Valley Mills, Texas.

**Tommy F. Howell** (BS '55) is presently Director of Photogrammetry Operations with the Texas Highway Department, Division of Automation. He and Lettye and their three children are still enjoying living in Austin and "supporting the Longhorns."

**W. T. Hudson** (BS '39) is a Consulting Geologist in Denver, Colorado.

**Gene Hufford** (BS '58) continues as a Partner in Todd & Sanders, Oil Producers, in Wichita Falls, Texas.

**Jack T. Hughes** (BA '41) reports that after fifteen years at West Texas State University he has finally been able to complete a gradual transition from geology to his main interest, anthropology, and "if this be treason. . ." (It is, Jack, but we'll forgive you!) Jack is now Associate Professor of Anthropology in WTSU's Department of Geology and Anthropology.

**Richard J. Hughes, Jr.** (BS '38, MA '48) is Associate Professor of Geology at the University of Mississippi. (Richard sent us the picture of the 1937 Geology 20 Summer Camp that appears in this issue, and we're mighty grateful to him for it.)

**Don F. Hugus, Jr.** (BS '58) continues as an Independent in Jackson, Mississippi.

**Emmett A. Humble** (BA '49, MA '51) is "still peeling crawfish, trying to keep up with a group of Explorer Scouts (geology specialty) and trying to find oil—enjoy it all." Emmett is Division Geologist for Humble in New Orleans.

**E. Floyd Humphries** (BS '46) has been promoted to Chief Geologist for Production by Natural Gas Pipeline Company in Houston.

**Edwin E. (Bill) Hurt** (BA '46) writes: "Made a five month trip around the world two years ago. Am enjoying quail hunting, fishing and leading the life of a country squire." Bill is retired and living in Atlanta, Texas.

**Jack Hunter** (MA '48) works as Geologist for Marathon Oil Company in Tulsa, Oklahoma.

**Elvin M. Hurlbut, Jr.** (BS '43) is "still hunting oil and gas prospects in South Texas." Elvin is a Consulting Geologist in Corpus Christi.

**Robert M. Hutchinson** (PhD '53), Professor of Geology at Colorado School of Mines in Golden, has been granted academic leave for the 1967 spring and fall semesters. A good part of his time will be spent completing the research and manuscript for the Pikes Peak batholith project which he has been working on since 1957.

**Joe A. Hybner** (BS '52) is employed as District Geologist for Texas Oil & Gas Corporation in Corpus Christi.

**James Hyde, Jr.** (BS '56) is owner of James Hyde & Company, Real Estate Firm, in Dallas. The Hydes have a boy (10) and a girl (6).

**Hilary "Hoss" Iglehart** (BS '60) is Vice-President of Spinning Pipe Service, Inc. in Odessa, Texas. He and Barbara have two children: a son, Thomas and a daughter, Cori Lynn. Hoss says he's not doing geology any more and misses it; his "only contribution was the groundwater study at Crockett County, Texas, published by the Texas Water Commission."

**Harold A. Illiech** (BS '63) is currently working on his Ph.D. here at UT.

**Carl B. Irwin** (BS '39), after retiring from the Navy in 1962 and spending four years in Texas, has returned to Washington, D.C., where he is Head of the International Standardization Branch, Naval Material Command. He will go to Europe at least once each year in his new assignment. His eldest son is still with Sears' Management Program in Austin; "No. 2 son" returning to UT this fall; with two more to come later. Carl says he hopes they all can eventually live in Austin.

**George W. Isensee** (BS '40), Region Geophysicist for Mobil Oil Corporation in Houston, says "nothing to report that is newsworthy." (George recently paid us a visit in our new Geology Building!)

**James S. Isom** (BS '59), Geophysicist with Humble in Los Angeles, writes: "Am working for Humble doing structural interpretation in the Ventura Basin offshore. Our office location was moved to Century City in West Los Angeles. We recently bought a house in Anaheim, thirty miles southeast of LA."

**James R. Jackson, Jr.** (MA '40), Geologist for Humble in Houston, reports "there are many UT grads around Humble."

**Eric H. Jager** (MA '41) is President of Petroleum, Inc., in Wichita, Kansas. His company is actively exploring for oil and gas from offshore to Canada and in addition has active leases in Turkey.

**Otis L. James, Jr.** (MA '52), Independent Geologist in Gainesville, Texas, reports "no changes; still hunting oil in Cooke County."

**M. H. (Pete) Janszen** (BA '48, MA '53) writes from Corpus Christi that he retired from Continental Oil Company April 1, 1967. Pete says his future is indefinite but he'll probably return to the field of education in some capacity; "however, loafing can be fun!"

**Kenneth Lee Jarratt** (BS '57), Sales Engineer for Southern Engine & Pump Company in Houston, reports: "Still peddling oil field equipment and still in booming Houston. See lots of UT grads in and around Houston. Judy and Johnny are

growing like weeds and wife Joyce doing fine also. Tell everyone hello for me."

**Walter M. Jarrell, Jr.** (BA '54) has left the Navy and is now practicing dentistry in Houston. He says his wife is still unable to talk him into throwing away all of his old rocks!

**Charles T. Jenkins** (BS '48), Independent Geologist in Duncan, Oklahoma, is "just enjoying looking for oil in southern Oklahoma."

**Evan C. Jenkins** (MA '59) writes from Denver, Colorado: "Still with the Special Projects Branch of USGS as Geologist, shuttling between Denver and Nevada for field work involving mostly volcanic rocks. Family now here and enjoying all of the advantages of living in Denver and Colorado." Evan sent his congratulations (?) to Bill Muehlberger on assuming chairmanship of the Department!

**C. Norman Jennings** (BS '52), formerly with Lane Texas Water Well Service, is now employed by Cities Service Oil Company in Houston as Exploration Geologist with the Regional Staff. He is doing exploration geology in the offshore marine group and likes it fine. Norm moved into a new home (in Tomball, Texas) last December and invites any of his old friends coming that way to come by and see him.

**Alice Domingues Jobes** (BA '23) writes to us from Kerrville, Texas, that she does appreciate the *Newsletter* and enjoys every page! (Those words are music to our ears, and we do appreciate them!)

**Robert C. Joeckel** (BA '54) has changed jobs and has moved to California. He is now Assistant Manager of Corrosion Controls, Inc., in Taft, which is engaged in oil and gas well chemical services, equipment rentals, etc.

**Herbert R. Johnson** (BS '57), Geologist with Cities Service Oil Company in Bartlesville, Oklahoma, is presently doing development geology in southwest Kansas and the Oklahoma Panhandle. He is also "being initiated to electronic data processing."

**Jean Ingram Johnson** (BA '54) attended the NSF Institute for Earth Science Teachers at UT this summer. Jean teaches earth science at Memorial Junior High School, Spring Branch, in Houston.

**Malcolm R. Johnson** (BS '58), Exploration Geologist for Continental Oil Company, was transferred from Lake Charles to Houston on May 1, 1967.

**Morris Lee Johnson** (BS '50) is Geologist for W. Earl Rowe in San Antonio.

**Nancy Jenswold Johnson** (BA '50) has begun a two-year term as President of the

American Association of University Woman, Dallas Branch. She is also a Board member of the League for Educational Advancement in Dallas, which is dedicated to excellence in the Dallas Public Schools. Nancy says one of their concerns is the shortage of properly trained science teachers at the elementary and secondary level. Nancy is married to Jack Gray Johnson, a tax lawyer there in Dallas, and they have two children, Mark (12), lead guitarist in a combo and daughter Gail (7), the "family charmer."

**Charles E. Jones** (BS '51) has been living in Liberty, Texas, for the last two years. Charles is Area Production Superintendent for General Crude Oil Company there and has the "same wife and two sons." He also reports a "big drilling boom."

**Charles R. Jones** (BS '50) is "still enjoying geology in the search for new and expanded oil or gas reservoirs." Charles is Region Development Geologist for Cities Service Oil Company in Bartlesville, Oklahoma.

**David T. Jones** (BS '57) reports that "things haven't changed much in Hobbs in the past year." David is District Engineer for The Western Company in Hobbs, New Mexico.

**Glen Dale Jones** (BS '57) continues as Research Engineer for The Boeing Company in Seattle, Washington.

**Harold E. Jones** (BS '41), President-Owner of Geological Services, Inc., in Midland, writes: "In July 1966 I acquired total interest in Geological Services. All of us in this company are working diligently to make the quality of our sample logs second to none. We have some fine oil company subscribers and are hopeful of acquiring more."

**Luther G. Jones** (BS '59), Logistics Specialist at Kelly Air Force Base in San Antonio, says he's "looking forward again to that expertly presented *Newsletter*; it's the greatest!" (Our buttons are really popping off the vest! Thanks!)

**Richard D. Jons** (BS '56), Senior Geologist for Monsanto Company in Midland, writes: "As Chairman of the PBS-SEPM Symposium project, Comanchian (Lower Cretaceous) Stratigraphy and Paleontology of Texas, I would like to report that after six years of effort by many people, the project has gone to press. This important volume should be available by late summer. My recent election as President of the West Texas Geological Society has presented me with another challenging year. We look forward to continued cooperation with the UT Geology Department in making off-campus courses available to our geologists in Midland."

**W. L. (Bill) Jordan, Jr.** (BS '49), Geologist for Humble, has been transferred from Midland to Hobbs, New Mexico. He writes: "Family—the number is the same—wife Grace and three girls, Lee, Laura and Sara. Just like living in a girls dormitory around here; well, almost. Myself? Finding and extracting oil from the Great American Desert."

**Jon T. Jorgenson** (BA '49) writes: "We are finally returning to Denver via a month's holiday in Europe after having spent the last four years in Australia and the prior six years in Canada. Frances, myself and the kids—Lynn (16), Jon (15) and Craig (14) are really looking forward to getting back to the good old USA." Jon will be Administrative Geologist for Geophoto Services, Inc., in Denver.

**James G. Joyce** (BS '49) is Geological Coordinator for Standard Oil Company of California in Houston.

**James D. Kallina** (BS '53) continues as Vice-President of Domestic Operations with Petty Geophysical Company in San Antonio.

**Helmut W. Kasiske** (BS '54) is employed as Geophysicist for Humble in Los Angeles.

**Edwin N. Kasper, Jr.** (BE '51), Geologist Reservoir Department of Coastal States Gas Producing Company in Corpus Christi, is "enjoying good health and working hard at the office and at home."

**Charles J. Katz** (BA '41) is Vice-President of Katz Oil Company in San Antonio.

**Gene Ross Kellough** (BA '32), Research Associate at the University of Houston, is beginning environmental studies of foraminifera from discontinuous cores from twelve wells offshore Louisiana from 0-250 feet below the Gulf floor.

**Edward R. Kennedy** (BS '48, MA '49) is an Independent Geologist in Midland.

**Richard A. (Dick) Kennedy** (BS '52) has moved from El Paso to Friendswood, Texas, where he is Director of Public Works for the City. He and Ursula have a new daughter, Colleen. Dick says he "finally got out of the desert and am now in the Salt Dome country which Dr. Ellison instructed me so well about."

**Robert F. Kent** (BS '52) is employed as Senior Geophysicist by Humble in Corpus Christi.

**George L. Keprta** (BS '59) is doing subsurface geology in the Jurassic of North Louisiana and in the offshore Miocene of Texas. George is Senior Geologist for Monsanto in Houston.

**Roy L. Kern** (BS '49) writes to us from Shreveport, Louisiana: "Retired from the

Air Force (as Major) in March 1966 and have been traveling and taking it easy since retirement. Hope to go to New England in the summer for some good fishing on Cape Cod and in Maine. Later in the year I hope to return to Europe on a visit to see old friends."

**Don M. Kerr, Jr.** (BE '60) relocated in Houston in 1966 where he is now Estimator and Project Coordinator for Spaw-Glass, Inc., General Contractors. Don says: "In addition to acquiring a higher golf handicap I married a UT ex, the former Marilyn Perkins—a mixture of bad & good!" (Our congratulations to you, Don.)

**Joseph E. and Gene Funkhouse Keyser** (MA '48; BA '48) are still living in Midland where Joe is an Independent Consulting Geologist. They have five children: Carolyn (17)—a graduating senior; Julie (16), Ed (14), Laura & Ann—twins (11).

**Howard W. Kiatta** (BS '58) writes from Houston: "In May, after seven years with Texaco in Louisiana, I left Texaco and took a job with George Mitchell & Associates (as Geologist) in Houston. My family includes a wife and four children and we're glad to be back in Texas."

**James R. Kiker** (BS '54) continues as Research Analyst for the Naval Investigative Service in San Antonio.

**Elbert A. King, Jr.** (BS '57, MA '61) is "now working to get the Lunar Receiving Laboratory ready to receive lunar samples; doing some research on meteorites; planning lunar surface scientific missions." Elbert is Staff Scientist with NASA in Houston. He reports that Peg and the kiddos are fine.

**Don L. Kirksey** (BS '60) writes from Houston: "Nancy and I have had a great deal of good fortune. I am now with Tenneco Oil Company and this May will be living in Anchorage, Alaska. I'll be a part of a new office doing photogeology and field geology in that beautiful state. With much excitement we and the boys—John (6), Mark (5) and Gary (3)—look forward to our move." Don was formerly Geologist for Sinclair in Lafayette, Louisiana.

**Joe C. Kitchens** (BS '49) is Geologist and Production Superintendent for D. H. Byrd in Dallas.

**William B. Klemt** (BS '57) is currently located in Waco, Texas, where he is Geologist for the Texas Water Development Board. His present assignment is a groundwater availability study of the South Trinity Sand Region. He is married and has two children.

**G. Moses Knebel** (BA '22), Independent Geologist in Scarsdale, New York, writes: "Have been busy dodging weather, writing

notes on oil-finding, attending meetings, and trying to promote research. If any of you have any pet ideas of research which would help the explorationist, please send the idea to Mr. H. R. Gould, Humble Oil & Refining Company, P. O. Box 2189, Houston, Texas 77001."

**John J. Knebles, Jr.** (BS '50) writes from Calgary, Canada: "Am doing geological consulting as an individual but have Knebles Oil & Gas for exploration purposes. Am having a lot of fun doing what I've always wanted to do—be on my own."

**Earl B. Knott** (BS '49) has been promoted to Gulf Coast Division Exploration Superintendent by Tenneco Oil Company and has moved from Corpus Christi to Houston.

**Leo W. Konz** (BA '31, MA '32) is Senior Geophysicist with Sun Oil Company in Beaumont, Texas.

**David G. Koppel** (BS '50) is Vice-President of Southwest Property Management Corporation in Oklahoma City, Oklahoma.

**Erwin K. Krause** (BS '49, MA '54) is "growing more accustomed to Oklahoma's high taxes, poor roads, and tornados and is looking forward to a summer of field work in Alaska." Erwin is Research Scientist at Sinclair's Research Center in Tulsa, Oklahoma.

**James David Krause** (BS '53), Sales Promotion Manager for Lew Williams Chevrolet Company in Corpus Christi, writes: "Same job, same house, same kids, same wife—things never seem to change and that's good!"

**Howard E. Kringel** (BS '50) reports from New Orleans where he is Seismic Interpreter for United Geophysical Corporation: "After working overseas (1956-58) as a Seismic Party Chief in the Sahara, France (Soissons), and Iraq (in two revolutions in three years), I returned to college and received a B.S. in education from Lamar Tech in Beaumont in 1962. I taught mathematics in Port Arthur for four years. I am now doing offshore-Texas interpretation in New Orleans."

**Andrew Edmunds Kurie** (MA '56) continues as Geologist for the Utah Highway Department in Salt Lake City. Andrew will address the Society of Mining Engineers-AIME in September 1967 at Las Vegas on "Engineering, Geologic and Hydrologic Characteristics of Lake Bonneville Sediments."

**Ted B. Lacaff, Jr.** (BS '50) writes: "Still exploring North America, Australia, and New Zealand but have added a couple of new targets—oil shale and sulphur. The coming oil shale industry is exciting and it's looking better every day." Ted is Vice-

President and General Manager of Texas American Oil Corporation and Western Oil Shale Corporation in Midland.

**Bill Lacy** (BS '50) continues as an Independent Consultant in Houston. Bill says "same wife, same two kids; working hard to find that grease."

**Sam R. Lake** (BA '49) continues as District Geophysicist for Cities Service Oil Company in Lafayette, Louisiana.

**Charles F. Lamb** (BS '49) is Division Development Geologist for Standard Oil Company of Texas in Gainesville, Texas.

**James L. Lamb, Jr.** (BS '56) is an Independent Operator in Midland.

**Leon M. Lampert** (BS '51, MA '53) writes: "After about one year of drilling in southeastern New Mexico, we are again playing South Texas. Have picked a tentative top of San Andres in a well in Nueces County." Leon is Chief Geologist for the Dalport Oil Corporation in Corpus Christi.

**Edward V. Landrigan** (BS '51), Chief Log Analyst for Cities Service Oil Company in Bartlesville, Oklahoma, is serving his second term on the Board of Directors for the Society of Professional Well Log Analysts.

**Gerald T. Langford** (BS '57) is President of Cal-L Exploration Corporation in Santa Barbara, California. Gerald's company is doing airborne radiation and magnetometer surveys overseas and developing computer techniques for data reduction. They are also making a new type logging unit for drilling, with "help from space technologists of the Jet Propulsion Lab in Pasadena."

**Peter O. Lap** (1950-51)i is moving from Midland to Washington, D.C., where he will be working as Abstractor-Indexer for the American Geological Institute's Geobibliography Project. He and Hedy will live in Silver Springs, Maryland.

**Jim D. Latham** (BS '60) is still in Jacksonville, Florida with the U.S. Navy. Jim is now Fleet Air Wing Eleven Staff Officer. The Lathams have two girls.

**Robert K. Lattimore** (BS '56, MA '62) continues as Supervisory Geophysicist for ESSA Institute for Oceanography at Silver Springs, Maryland.

**Walton S. Launey** (BS '37) has been transferred by Humble from Corpus Christi to Houston, and has a new title—Planning Coordinator-Production Geology Section and Producing Department.

**John Earle Lawless** (BS '51) is District Geologist for Geochemical Surveys in Abilene, Texas. Earle's district covers Billings to Brownsville and Mobile to Midland.

**Royce E. Lawson, Jr.** (BS '49) resigned from Humble in July 1966 after seventeen years and is now doing geophysical and geological consulting work in petroleum exploration in Midland.

**Johnny G. Lay** (BA '53) is still "having a wonderful time with Ginnie and the boys in the Sun City." Johnny is an Attorney in El Paso.

**H. Louis Lee, Jr.** (BS '54, MA '58) is still with Tenneco Oil Company in Midland. Louis writes: "Our primary concern is to find some gas in the deep basins but we still keep up with the rest of West Texas and southeastern New Mexico. This keeps us busy especially since the staff here has dwindled to three geologists."

**Joseph W. Lee** (BS '50) is Geologist for Thomas Y. Pickett & Company, Inc., in Dallas.

**David J. Leeds** (BA '39) has been assigning seismic risk for sites of nuclear power plants through the U.S. and on major projects abroad. David is Engineering Seismologist for James & Moore, Consultants in Applied Earth Science in Los Angeles.

**Ernest F. Lenert** (BS '36) is continuing to enjoy retirement in "beautiful" Malibu, California. Ernest says "thanks for sending me the *Newsletter*; I enjoy it very much." (Not half as much as we enjoy sending it to you, Ernest!)

**John W. LeSassier** (BS '48) continues as Partner in El Cinco Production Company in Midland.

**Angel Dexter Leshikar** (1936-39) reports another "two big events" for the year—attending the National Meeting of The Electrochemical Society in Dallas and moving into the new Geology Building!

**Max Levin** (BS '47, MA '51), Independent Consulting Geologist in Midland, says the first of his four sons will enter UT this fall.

**Samuel Levin** (BS '50, MA '52) is Zone Geologist for Humble in New Orleans.

**Dean L. Leyerly** (BS '50) is Area Sales Manager for Hughes Tool Company in Evansville, Indiana. Dean says "family doing ok; still traveling the northeastern states looking for new drilling activity."

**Carl V. Lieb** (BA '40, MA '42) is Vice-Principal of Sidney Lanier High School in San Antonio.

**J. K. (Ken) Liles** (BS '50) writes from Dallas: "Wife Frances and our three children are doing fine. Oldest to graduate from high school this year. Purchased home in North Dallas area and becoming acclimated to Dallas living once again. Promoted to Exploration Manager of Lone Star Producing

Company in June 1966. Any time you're in Dallas area and have Oklahoma (Hook'em Horns!) guaranteed deal, bring it by."

**Alsie Linscomb** (BS '51) resigned as Exploration Geologist with Coastal States Gas Producing Company and joined Hydrocarbon Development, a new corporation as Chief Geologist in January 1967. Alsie says "everything else about the same; still enjoying living in the 'City by the Sea' (Corpus Christi, that is!)."

**Eugene Lipstate** (BS '49) continues as Exploration Manager for Northwest Oil Company in Dallas. Gene says "good prospects are hard to find" and they plan on making exploration efforts in Southern Louisiana for the next few years.

**Nancy Elizabeth Green Lister** (BA '55) reports the birth of a new son, Gregg, on January 17, 1967. She says he and his older brother, Chip, are keeping them quite busy. They're still enjoying living in Texas (Houston) again.

**Larry D. Littlefield** (BS '57), Exploration Geologist for Cabinda Gulf Oil Company, writes: "1966 was spent working with Nigerian Gulf in Lagos except for a 3½ month interlude with Spanish Gulf in the Canary Islands while drilling a couple of wells in offshore Spanish Sahara. I'm now in the process of moving to Angola for Cabinda."

**Hal S. Lobree** (BA '49) writes: "The birth of twin sons, Shawl Bence and Shawn Wade, last year dealt a new hand in our household! Oil activity mostly confined to waterflood development of existing properties up here in Indiana and Illinois." Hal is President of The Lobree Corporation in Evansville, Indiana.

**Allen C. Locklin** (BS '54), Partner in Ridley & Locklin in Tyler, Texas, reports: "Wife Nancy and children fine. Out of Mexican Import biz. Still in oil biz here and in Canada. Also in fried chicken biz and amphibious cars (Jiger). Still not near being rich—but hopeful."

**John L. Loftis, Jr.** BS '40) continues as Exploration Operations Manager for Humble in Houston.

**Clarence Lohman, Jr.** (BA & BS '49) has moved back to West Texas as Ozona District Geologist for Standard Oil Company of Texas after nine years as Offshore District Geologist. Clarence says that's quite a change of scenes of geology!

**Laddie F. Long** (BS '52) reports "no news, no additions, no moves, no travels, and no complaints." Laddie is Supervising Geologist for University Lands in Midland.

**Susan Ann Burton Longacre** (BS '64) is currently working on her Ph.D. here at UT and is on a NSF Graduate Fellowship.

**T. E. (Ted) Longgood** (BS '58, MA '60) continues as Senior Geologist for Humble in New Orleans. Ted writes: "Still enjoying the challenge of exploration geology offshore Louisiana. At home two cookie snatchers, Stuart (4) and Bart (3), keep the old man on his toes."

**Chester R. Longwell** (former Visiting Lecturer), Research Associate in the Department of Geology at Stanford, has been in the field for about two months trying to solve some problems in the complex basin-range country, Clark County, Nevada.

**Robert G. Lovick** (BS '51) continues as a Consulting Geologist in New Orleans. The Lovicks have four children: Nancy (11), Anne (8), Margaret (7) and Grayson (6). Bob says he's enjoying sailing, pleasure cruising and consulting.

**Howard R. Lowe** (BS '48), President of Lowe Petroleum Engineers, Inc. of Calgary, Canada, writes: "Still involved in reservoir valuations and analysis, also information retrieved systems and scientific computer applications. Formed a new company, Systems 73 Ltd., in March for programming and systems consulting. Saw Roy Graves, now at Tulsa University's abstract center, for several days last month here in Calgary. Also have a new granddaughter, Laura Michelle, born December 21, 1966 to our oldest daughter. She and her husband are at MSU. Our oldest boy is 23 now; only two girls at home."

**Lester E. Ludwick** (BS '50), Supervisor of Reservoir Geology for the El Paso Natural Gas Company in El Paso, is "still busy as ever—same old 10 & 6."

**Ernest L. Lundelius, Jr.** (BS '50), Associate Professor of Geology at UT, spent six weeks in Australia at the end of 1966 to give a paper at the ANZAAS meeting and continue work on Pliocene mammals. His work on Texas Pleistocene vertebrates continues.

**William N. McAnulty, Jr.** (BS '65, MA '67) received his Master's in June and will enroll at The University of New Mexico in September to work toward his Ph.D.

**William E. McBroom** (BS '40) writes from Vernon, Texas: "Have been with W. T. Waggoner Estate going on eighteen years. Most interesting job! Other than oil operations, we do a little of everything from building bridges to designing water purification plants to helping with cattle shipments." Bill is Manager of Oil Exploration and Production Department.

**Henry D. McCallum** (BA '29, MA '32) retired from Humble last year after 36½

years. He continues to live in Tyler, Texas. He says his time is now shared with their first grandchild, consulting geology and barbed wire enterprises that resulted from their book, *The Wire That Fenced the West*.

**William Gibson (Bill) McCampbell, Jr.** (BS '38, MA '40), Independent Geologist in Goliad, Texas, writes: "Mary Cunningham McCampbell (BA '40, MRS. '41, Grandma '66) and I are enjoying ranch life and dabbling in the oil business back home in old Goliad. Being a Board Director of the San Antonio River Authority keeps me busy, too, since conservation is becoming so important!"

**Garrett Clair McCandless, Jr.** (MA '57), Exploration Geologist for U.S. Steel Corporation in Pittsburgh, is presently engaged in international raw material investigations, especially in South America and Australia.

**W. Blair McCarter, Sr.** (BA '27, MA '28), Partner in McCarter & McCarter in Houston writes: "Worked in surface geologic mapping in August 1966 in two different jobs on both ends of transcontinental U.S. Highway 80; first near El Centro, California and within thirty days (later) geologizing another job at the eastern terminus of the highway near Savannah, Georgia."

**W. Blair McCarter, Jr.** (BS '52) is an Independent Geologist in New Orleans.

**Jeremiah F. McCarthy** (MA '53), Consulting Geologist in Midland, writes: "We enjoy seeing our friends who drop in from throughout the state. Come see us! Tony is 6 and in the first grade. We're still looking for that million barrel oil field."

**Holland C. McCarver** (1931-37), Assistant to the Executive Vice-President of Texaco in New York City, says his commuting routine from Connecticut to New York and back is broken, "thankfully," by regular trips to Latin American operations in Trinidad, Venezuela, Colombia, and Ecuador.

**Jerry J. McCauley** (BA '49), President of Mac Oil Company in Houston, is "still playing Gulf Coast Louisiana and Texas."

**A. B. McCollum** (MA '32) continues as Marine Geologist-Geophysicist for ESSA Institute for Oceanography in Seattle. He writes: "Enjoying the beauty of the great northwest as well as the 49th and 50th states, but can't wait for my early retirement (62) in February 1969 at which time we'll be headed back for San Angelo, Texas."

**Leonard F. McCollum** (BA '25) is Chairman of the Board of Continental Oil Company in Houston. Leonard also serves on the Advisory Council of our Geology Foundation.

**Duncan McConnell** (Faculty, 1937-41), Professor of Dental Research and Mineralogy at Ohio State University in Columbus, writes: "I now hold two professorships; both appointments are *without* salary; and I now have no students—my only student received his Ph.D. in June 1966. His dissertation is on a crystal structure determined by neutron diffraction."

**Weaver H. McCracken, Jr.** (MA '48) is Division Development Geologist for Chevron Oil Company in New Orleans.

**Willard A. McCracken** (BS '58) is a graduate student at Stanford University. His wife, Betty, is working while he is doing his thesis field work for his Ph.D. This summer he will be working for Dr. Edwin McKee in the Denver sedimentology lab of the Geological Survey.

**C. Carew McFall** (BS '50, MA '52) is now General Manager of Scientific Exploration and Mining Company in San Jose, California. He writes: "Feel fortunate to have found financial backing for a small exploration company. We are using a relatively new geophysical tool in the search for ore bodies, and are encouraged with results on known deposits in British Columbia, Utah, Nevada, and northern Mexico."

**Edward McFarlan, Jr.** (MA '48) was transferred by Humble from Corpus Christi to Houston in March 1967. Ted is now Manager of the Basin Geology Division of Esso Production Research Company. He says that "after seven years of operational work, opportunity to help guide Jersey's exploration research effort is a most challenging endeavor at a time when advances are progressing rapidly in all aspects of our earth sciences."

**William G. McGee** (BS '51), Geologist for Union Oil Company of California in New Orleans, says "no important changes to report."

**Richard V. McGehee** (BS '55, PhD '63) is Assistant Professor of Geology and Geological Engineering at the South Dakota School of Mines & Technology in Rapid City. In June he will teach a field course in the Black Hills and then spend the rest of the summer mapping in the Precambrian part of the Hills.

**Bill S. McGowen** (BS '59), Exploration Geologist for Sun Oil Company in Midland, reports "another year—another child!"

**Bill J. McGrew** (BS '54, MA '55) continues as Reserve Geologist for Humble in Kingsville, Texas. Bill says he's "trying to improve old farm in Arkansas."

**Wayne Eugene McIntosh** (BS '56) is Engineering Geologist for the U.S. Army Corps of Engineers in Fort Worth. He writes:

"Staying busy as the Co-chairman for the 10th Annual Meeting of the Association of Engineering Geologists to be held at the Baker Hotel in Dallas October 24-28, 1967. I would like to extend an invitation to all geologists who might be interested in attending. The principal theme is "Clay Shales and Engineering Geology." Also, papers on lunar geology and groundwater are expected."

**Paul F. McKean** (BS '58) is Sales Engineer for the Standard Oil Company of California in Baltimore, Maryland.

**Raymond L. McKee** (BS '49), Independent Geologist in Corpus Christi, moved into a new home at 309 Cape Henry on January 15, 1967. He says they're "certainly enjoying the move!"

**Richard G. McKellar** (BS '51) is a Consulting Geologist in Tyler, Texas.

**Ralph H. McKinlay** (BS '36, MA '40) moved to Killeen, Texas, in June 1967 where he will be Co-Ordinator of Science, Mathematics and Engineering at Central Texas College. Ralph was formerly Assistant Professor at Odessa (Texas) College.

**W. N. McKinney, Jr.** (BS '60, MA '63), Geologist for Sunray DX Oil Company in Shreveport, Louisiana, reports "Same Old Stuff!"

**John F. McKnight** (MA '63) is employed as Geologist for American Metal Climax, Inc., in Denver, Colorado. He writes: "We bought a house (in Wheatridge) and are planning to adopt another baby—this one a boy. Charge!! Am working in central Colorado."

**Louise Morrison McLaurin** (BA '46) reports to us from Dallas.

**L. A. (Lock) McLaurin** (BS '58) continues as District Manager for Lynes, Inc., in Midland.

**Robert J. (Bob) McClellan** (BS '49), Consulting Geologist in Midland, reports: "Same family statistics, thank you—consulting in Midland and looking forward to the Year of the Horns."

**Bill McMichael** (BS '49) is Area Exploration Supervisor for Marathon Oil Company in Roswell, New Mexico.

**Milo McMurtry** (BS '57) is now Manager, Mineral Section-Trust Department, of The Liberty National Bank & Trust Company in Oklahoma City, Oklahoma. He writes: "Last year the family increased 25%—Jennifer Kay was born August 23, our first "Okie"—the first two are Texans. Moved to Oklahoma City from Tyler, Texas in April 1966. Now with the Trust Department here in the bank and find the work very interesting."

**Gordon R. McNutt** (BS '33, MA '38) retired from the Railroad Commission April 30, 1967 and is now associated with W. R. Stearns, Oil & Gas Consultant, in Austin.

**Jerald E. McQueen** (BS '61, MA '63), Geologist for Humble in Kingsville, Texas, reports "no change."

**A. D. McRae** (BS '42) continues as Exploration Operations Advisor for Mobil Oil Corporation in New York City.

**Clifford R. McTee** (BS '54) is Exploration Geologist for Midwest Oil Corporation in Houston.

**Millard H. Major** (MA '42) is "still hunting (and finding a little) oil and gas in South Texas." Millard is Partner in Collier & Major in Corpus Christi. His son David (18) is in Del Mar College and his daughter, Margaret (21), a UT grad., will teach junior high in Corpus this fall.

**Rufus O. (Jack) Major** (BS '49, MA '50) is a Partner in Major & Giebel in Midland.

**Karl A. Maley** (BS '56) is an Attorney in Houston. He writes: "I have opened my own office for the private practice of law in Houston, dealing mostly in commercial real estate, shopping centers and corporate practice. Mildred and I are getting along very well, and as always, are happy in Houston."

**Vaughn C. Maley** (BA '26) continues as a Geological Consultant in Midland.

**W. A. Maley** (1920-25) retired from Humble on November 1, 1965, and recently moved from Houston to Corpus Christi. He says he hasn't devoted any time to private practice of geology as he's having too much fun taking care of his two Hereford cattle farms and playing golf!

**Atlee G. Manthos** (BA '38) is prospecting in British Columbia for "gold, etc." A story of his 1966 operations appeared in the June-July 1967 issues of *Outdoors Calling*, with "more unsaid than said in the article." Atlee is an Independent Exploration Geologist in Fort Collins, Colorado.

**William L. Mantinband** (BA '59) continues as Cartographer at the USAF Aeronautical Chart & Information Center in St. Louis, Missouri. Bill writes: "Still learning the intricacies of map making at the Chart Plant. ACIC's six-month cartographic training school is equivalent to another college. I recommend it to all who are eligible. It compares with any place offering a degree in cartography. I'll answer inquiries from anyone who is interested."

**Edward Marks** (MA '50), Paleontologist for Union Oil Company of California, reports from Houston: "Looked at heaps of geology here to California and back via Grand

Canyon last June. Helen Janet arrived in November 1966 to keep Lewis, now 3, company. An Exakta purchased in Austin makes beautiful thru-the-mike microphotos. Irene, now retired from the *Chronicle*, is selling station-wagon campers called Tote-Motels!"

**Charles W. (Chick) Marquis, Jr.** (BS '49) is Engineer with Core Laboratories, Inc., in Dallas. He writes: "Having lots of fun with the kids—when they're not fighting! Charlie (12), Laura (10) and Leslie (9) love to go camping and fishing, so Mary Lou and I go along to cook."

**Ronald J. Marr** (BS '52, MA '59) was recently promoted to Supervising Geologist of the Project Group for Continental Oil Company in Lafayette, Louisiana. The Marrs have a new addition—Thomas Joseph—born September 24, 1966.

**George W. Marshall, Jr.** (BA '48), Coordinator-Geological Computer Applications with Continental Oil Company in Ponca City, Oklahoma, writes: "Know you are all happy about the new building. Couldn't happen to more deserving folks! Would like to see it as soon as can make it. Regards to all." (Thank you, George. Just set your sights on November 16-17, 1967!)

**Sabin W. Marshall** (BS '52) continues as Senior Geologist for Texas Gas Transmission Corporation in Houston. Sabin is "enjoying South Louisiana geology and vacation camping trips to the Ozarks."

**Ken G. Martin** (MA '61) is now working as Geologist for Whitestone Petroleum Corporation in New Orleans.

**David F. Martineau** (BS '62) is Geologist and Administrative Assistant to the Vice-President of Exploration for Coastal States Gas Producing Company in Corpus Christi. He married Sara Tucker of Pasadena, Texas, and they have a two-year-old daughter.

**Enrique Martinez-Garcia** (MA '67) is Professor Adjunto of Geology at the Universidad de Oviedo, Oviedo, Spain. He was married in December 1966 to Ana Diaz, a geologist from the Universidad. Enrique is currently working on the geology of the Hercynian Cordillera near the Portuguese border in northwest Spain. He sends best wishes for everybody, especially to the "Old Borrachos" leaguers.

**Joseph C. Martino** (BS '51) is Supervisory Engineer for ITT-Federal Electric Corporation in Clear Lake City, Texas. He writes: "Shari and I have a mile relay team going now—Russell, Richard, Stephen and David. Have a good job in technical publications and still looking for a patch of black gold."

**Curtis C. Mason** (BS '55, MA '57), Aerospace Technologist for NASA in Houston, is

working in the Geophysics Branch investigating the properties of the lunar surface and relating these to their effect on the Apollo and advanced lunar missions. Curtis spoke at a joint meeting of the Corpus Christi Geological and Geophysical Societies on lunar surface topography on November 28, 1966.

**Munib R. Masri** (BA '55) is General Manager for Phillips Petroleum International Corporation in Beirut, Lebanon. He says he, Angela and the four children are enjoying living there and will be glad to "receive you all in Beirut."

**James L. Massey** (BS '62) is now Park Naturalist at Grand Canyon National Park, Arizona. He writes: "The big event of the year for us was moving from Chaco Canyon to Grand Canyon and changing to park naturalist work. The pay is the same but I really like the job and the park. Our door is always open to UT people."

**Roy W. Massey** (BS '50) is District Geophysicist for Marathon Oil Company in Shreveport, Louisiana. He and Louise (BS '48) have two sons (15 and 12) and have lived in Shreveport for eight years.

**John A. Masters** (BA '49) is Account Executive-Technical Writer for Rives, Dyke and Company in Houston. John is working in advertising, handling oil field oriented accounts entirely. He's also doing a little freelance writing and a lot of technical writing about logs, testing tools, drilling mud, etc.

**Robert W. Mathis** (BA '41, MA '42) is "still working in the hard rock mining business in New Mexico and East Texas." Bob is Partner and General Manager in Mathis & Mathis, Silver City, New Mexico.

**Edward J. Matulich** (BA '47) moved from San Antonio to Corpus Christi in November 1966 when Sun Oil Company closed their San Antonio offices after being there for 41 years.

**Lamar B. Maxwell** (BS '60) has returned to family businesses in the Liberty (Texas) area—"primarily agriculturally oriented businesses with a little geology on the side through leasing activities." He will be living in Devers, Texas.

**O. T. (Terry) Maxwell** (BA '51) is Station Manager for Schlumberger Well Services in Hobbs, New Mexico. Terry is past Chairman and member of the Board of Directors of the Hobbs Section, Society of Petroleum Engineers of AIME.

**Clarence E. Mayer** (BA '61) continues in association with Jap Lapin for the general practice of law in Houston.

**Jack H. Mayfield, Jr.** (MA '65), Vice-President and Geologist for Goldston Oil Corporation in Houston, reports he's "looking for grease."

**William I. (Bill) Mayfield** (BS '35) switched "vices" this year—from Petrex Oil Corporation Vice-President to Vice-President of Aminex Corporation of Wichita Falls, Texas.

**Mildred Pickle Mayhall** (BA '24) writes from Austin: "My family and I are all well. Have one son doing graduate work in electrical engineering at UT and another who is a student at UT's Medical Branch. I am writing. Received the Theta Sigma Phi Writers' Roundup Award for History in November 1966 for *Indian Wars of Texas*, published by Texian Press. Also have an article in *The Golden West* (November 1966), 'Last Ute Action in Colorado.'"

**Paul R. Mayo** (BS '50), Independent Geologist in Wichita Falls, Texas, reports he's "still practicing my craft and rooting for the Horns; enjoy the *Newsletter* more each year." (Thanks, Paul!)

**Robert Truett Mayo** (BA '48, MA '50) writes "no change since last *Newsletter*." Robert is County Judge of Van Zandt County and lives in Van, Texas.

**Lee I. Meador, Jr.** (BS '57) is the new Assistant Vice-President, Oil & Gas Division, of J. M. Huber Corporation, Denver, Colorado.

**Joe N. Meadows** (BA '62) works as Geophysicist for Atlantic Richfield Company in Dallas.

**John A. Means** (MA '48) continues as Manager, Technical Service, for Sun Oil Company in Richardson, Texas.

**Jack W. Mears** (BA '38) continues as President of Cerritos College in Norwalk, California. Jack says they now have over 10,000 students!

**Robert D. Mebane** (BS '36) is "still searching for oil." Bob is an Independent Geologist in San Antonio. His son, Bill, graduated from UT in 1965 and is working for Ray Geophysical Company in Houston. His daughter, Bette, will be a freshman at Vanderbilt University this fall.

**William J. Meek, Jr.** (BS '55), District Sales Supervisor for Texaco in Plainview, Texas, writes: "We are still enjoying the cool dry climate of the High Plains of Texas. In October we added 'William Bradley' to the clan and now enjoy three growing children. Texaco keeps me selling and my spare time is still spent with the U.S. Naval Reserve, currently as Commanding Officer of the Lubbock Reserve Surface Division."

**Glen K. Merrill** (MA '64) will be completing his Ph.D. at Louisiana State University this summer.

**Mario Leo Messina** (BS '59, MA '62) writes from London: "After living in Rome and Paris, I am now living in England and working out of our London Office. Married Wendy Lingham, a Sydney, Australian girl, in Rome, May 1966, and had a round-the-world honeymoon." Mario is Procurement and Quality Control Manager for Milchem International Limited.

**Paula Black Messinger** (BS '61) recently paid us a visit in our new quarters. She is currently living in Fort Worth.

**Dean F. Metts** (BA '32), Independent Consultant in Three Rivers, Texas, reports: "Another year, another dry hole! At my age I often think nostalgically about coring 700' of oil sand in one well (Avery Island) and finding 12 scapiate gas pays in one well (Livette). Ah, for the life of a major company geologist when young!"

**Joachim D. Meyer** (BS '58, MA '61) is Assistant Professor of Geology at Tulane University. Joe writes: "Since September 1966 I have been with Tulane teaching mineralogy, petrology, optical mineralogy and petrography. In November 1966 I attended the Second Conference of Central American Geologists in Guatemala City in order to update my background in Central American Geologists in Guatemala City in order to update my background in Central American geology. This summer Carolyn and I will be loafing and doing some geological sightseeing in Switzerland."

**Daniel N. Miller, Jr.** (PhD '55) is Chairman of the Department of Geology at Southern Illinois University, Carbondale. Dan is busy developing departmental programs and is continuing with research on diagenesis of sedimentary rocks. He was President of the Illinois Geological Society and Vice-President of Illinois section of AIPG this year. He was also Editor of a joint publication of the IGS and Indiana-Kentucky Society on the geology and petroleum production of Illinois Basin. Dan gave many talks this year in the mid-continent area.

**Harry A. Miller, Jr.** (BS '41) continues as a Consulting Geologist in Midland.

**Jack Ormand Miller** (BA '47), District Director for the Railroad Commission in Pampa, married Glenna Lea Couch (BFA '48) and is now "feeding four papooses." The eldest, Michael, enters UT this fall. Jack is a member of AAPG, AIME, District Advisory Council of API and the Panhandle Geological Society, and is active in various church and civic affairs. He says he's also an "active but poor golfer!"

**R. Dick Miller** (BS '51), Senior Exploration Geologist for Mobil Oil Corporation, moved to Shreveport, Louisiana from Jackson, Mississippi last year. He says they are enjoying living in Shreveport and that it's nice to get back this close to Texas.

**Wayne David Miller** (MA '57) continues as Area Staff Geologist for Midwest Oil Corporation in Midland. He writes: "Nothing significant has happened in the past year. Still fighting West Texas geology and sand storms after ten years in Midland. Family fine and growing up—too fast. Still keeping busy with work, including occasional well-sitting in all parts of West Texas and New Mexico. With the boys getting older, am involved now in Little League Baseball and Cub Scouts in spare time. Really enjoy and look forward to the yearly *Newsletter*." (Thanks, Wayne!)

**Richard A. Mills** (BS '50) is now Exploration Manager of International Minerals & Chemical Corporation's sulphur project in the Isthmus Saline Basin, Mexico. The Mills live at Tiburon, California.

**Arnold Powell Milton** (MA '64) works as Geologist for Texaco in Corpus Christi.

**Robert James Moffatt** (BS '41) is a Partner in Brookings, Moffatt & Waddle, Oil & Gas Consultants, in Shreveport, Louisiana. He writes: "Getting older and slower. Two grown daughters and two teenage sons. Oil industry is a hellova sorry place to try and make a living—existence is all! Wife (Margaret Smith) and I look forward to leisurely old age—being young is hard darn work. Am a dual completion: Geology & Law, and a member of the Louisiana Bar Association."

**James R. (Jim Bob) Moffett** (BS '61), Co-Owner of McWilliams-Moffett Corporation in New Orleans, writes: "Glad to hear the new geology building is finished. Congratulations and am looking forward to seeing the facilities. Everyone's staying busy in New Orleans looking for the next new oil patch. Come see us if you're in town."

**William A. Monroe** (BS '63) reports to us from Houston: "Received M.S. degree from University of California, Davis. Thesis led to joint paper with Dr. T. W. Todd (PhD '59), 'Petrology of Domengine Formation, Solano County, California,' and is now being reviewed by AAPG. Began work with Shell Oil Company in September 1965 and am now working as Production Geologist in Southern Division."

**Evelyn Wilie Moody** (BA '38, MA '40) writes that they bought a beautiful old colonial home on Manhasset, Long Island, New York, spent the winter having it remodeled, and now they seem to be spending the summer getting settled! In between they have been traveling quite a bit

to California, Texas and Louisiana, and will soon go to Alaska. Evelyn has just finished a two-year term as Province President for Pi Beta Phi and says it was an exciting experience. Her husband, John, was elected Secretary-Treasurer of AAPG this year and is "still busily enjoying" his job as Executive Vice-President of Mobil Oil Corporation in New York City. Their children are Jonny (14), Misty (15) and Sandy (17).

**Wayland P. Moody I** (BS '54) was recently transferred back to Oklahoma City from Houston. Wayland is District Engineer for Sunray DX Oil Company there and says they will have to adjust to the ways of those north of the Red River. He's looking forward to seeing all of us in Dallas in October! !

**Charles Gardley Moon** (BS '40, MA '42, PhD '50) has moved from Tyler to Houston where he's working as Geologist in Humble's newly organized Minerals Department.

**Jule Jacobson Moon** (BA '40, MA '41) is in private practice in psychiatric social work in Wichita Falls, Texas. Jule received her Master's in Social Service Work from UT in 1963.

**Clyde H. Moore** (MA '59, PhD '61) is Assistant Professor of Geology at Louisiana State University. He writes: "Have finished first eighteen months of teaching and find that I like it more now than when I started. Have been splitting my time between the ancient and recent carbonates both in Texas and Florida. We finished our new home and should have the same address for some time—something new for us!"

**Marion J. Moore** (BS '34) writes to us from Corpus Christi where he is an Independent Geologist.

**R. McKay Moore** (BS '52) is an Independent Geologist in Shreveport, Louisiana.

**William W. Moore** (BS '37), Assistant General Manager for Texaco in Houston, writes: "Have now been out of the University for thirty years, all with Texaco. Have been many places in many assignments and oil and gas is still not hard to find. All it takes is a little capital, a little imagination and a little freedom." Bill also serves as a member of the Geology Foundation Advisory Council.

**Duane E. Moredock** (BS '58) continues as Geologist for Amerada Petroleum Corporation in Columbus, Ohio.

**Francis W. Morgan** (BA '39) writes to us from Wichita, Kansas, where he is a Consulting Geologist.

**Irma Jo Morgan** (BS '59), after a quick vacation in June, went to work for Philco-Ford in Clear Lake City, Texas, as a Programmer. Irma was formerly an earth science teacher in the Clear Creek Junior High School in Webster, Texas. She says she still enjoys the area and is looking forward to remaining there awhile longer now.

**Julian (Hank) Morgan** (BA '49) is "doing South Louisiana exploration work." Hank is Senior Geologist for The Superior Oil Company in New Orleans.

**Michael B. Morris** (BS '47) was promoted to Vice-President of International Exploration by Continental Oil Company in January 1967. Michael works in the New York City office and lives in Westport, Connecticut.

**Jimmy K. Morrison** (BA '57) is Hydrologist with the Bureau of Reclamation in Austin.

**John M. Mothershead** (BS '49) is employed as Area Geologist for Champlin Petroleum Corporation in Midland.

**Charles Motz** (BS '60) continues as Loan Officer with the Small Business Administration in Marshall, Texas.

**Grant L. Moyer** (MA '52), Operator of The Vintage Motel in Wilmington, Vermont, reports the "best ski season at Mt. Snow in three years of business." He's also expecting a big summer of Canada Expo travelers.

**E. A. Murchison, Jr.** (BA '26) continues as Senior Exploration Advisor for Humble in New Orleans.

**James Muslow** (BS '41) is President of Muslow Oil Company, Inc., in Shreveport, Louisiana.

**George A. Musselman** (BA '38, MA '40), Independent Oil Operator in San Antonio, has moved into new offices in the Alamo National Building. George is still actively searching for more oil and gas in southwest Texas and has expanded his ranching operations to 20,000 acres in Victoria, DeWitt and Jackson Counties. In addition to his many other interests, George has entered the CATV business and real estate development in suburban and downtown San Antonio preparing for Hemisfair 68. He is a Director of San Antonio's Main Bank & Trust, Chairman of the Board of Baptist Memorial Hospital and President of Alamo Heights High School PTA. His oldest daughter, Jo Lynne, a Medical Technologist at Methodist Hospital, will marry on August 12. His second daughter, Joyce, is a sophomore at UT; twins Jack and Jean will enter college this fall, Jack at UT and Jean at Texas Tech; and the two youngest, Jamie and Jan, will be in high school.

**Fred Charles Myers, Jr.** (BS '49) is an Independent Oil Operator and Drilling Contractor in El Dorado, Arkansas.

**Roy Lewis Naumann** (BS '57), Geologist for Lyons Petroleum Company in Lafayette, Louisiana, writes: "We have been in Lafayette for the past two years and find it very much to our liking. Since last writing we have a new son—our first—, Michael Roy, who was a year old on April 19.

**Richard F. Neal** (BA '43) is Pastor of the Episcopal Church of the Good Shepherd in San Angelo, Texas, having moved there in August 1966. San Angelo is a former hometown of the Neals and they and their four children are enjoying living there again. Richard is also enjoying very much the writings of Pierre Teilhard de Chardin, a geologist, paleontologist and priest.

**Kathleen Trinka Seely Neal** (BA '46) writes from Atlanta, Georgia: "When I get unpacked from this move, I'll look for some of the many pictures we took of those departmental picnics. Still running a five-ring circus—husband and four teenagers." (Kathleen, PLEASE don't forget to send those pictures on to us!)

**G. Allan Nelson** (BS '47) is an Independent Consultant in Denver, Colorado. He says their two pre-schoolers "sure keep an old man alive." Allan is anxious to see the picture he sent us of the 1947 summer field camp group; so here it is Allan, on your "20th Anniversary." And our sincerest thanks to you for sending it.

**Howard E. Nessley** (BS '25) continues as an Independent Geologist in San Antonio. Howard says "not many of us *real good* geologist left, but these younger ones are doing a real good job; good luck!"

**Robert Stirling Newton** (MA '63) is working on his Ph.D. in marine geology at the University of Kiel (Germany); he's on leave of absence from Texaco. Bob says Norma has had a very successful year singing with the Kiel Opera and the New York City Opera at Lincoln Center.

**David O. Nilsson** (BS '61) is working on his Ph.D. in math at the University of Oklahoma.

**Dewitt C. Nogues** (BA '49, MA '50) writes from Austin: "After working for a consulting firm for nearly 12 years, I opened my own office in October 1966 to do the same type of consulting work—largely in the field of helping independent operators with their problems with the Railroad Commission and other regulatory agencies. Doing well, thanks to many friends of long standing."

**Isaac W. Norman** (BS '48) continues as Chief Geologist for Highland Oil Company in Houston.

**George E. Nowotny, Jr.** (BS '55) is a Consulting Geologist and Owner of Nowotny &

Company in Fort Smith, Arkansas. George writes: "My wife Lura and I now have three sons, Ned, George II (Tres), and Addison. In 1966 I entered politics and was elected to the Arkansas State House of Representatives as the first Republican Representative from this District. I was designated as the House Minority Leader (three Republicans and 47 Democrats) and am also serving as Governor Rockefeller's Representative on the Legislative Council."

**W. A. (Bill) Nowotny** (BA '42) has been a Consulting Geologist in Houston since August 1966 when the company he was with ceased operations because of a merger. Bill says "not much oil, but lots of work."

**A. P. Noyes, Jr.** (BS '55, MA '57) is employed as Senior Exploration Geologist by Mobil Oil Corporation in New Orleans.

**Bob R. O'Brien** (BS '52, MA '56), Assistant Professor of Geography at San Diego State College, San Diego, California, says in another few months he will have "thawed out completely" after moving down from Montana.

**John F. O'Donohoe** (BS '50) works for Humble Oil & Refining Company in Los Angeles.

**A. M. (Red) Olander** (BS '48) was transferred from Midland to Houston by Humble in the fall of 1966 after a stay of 6½ years. He reports he's enjoying the work in Houston in his new assignment as Division Geophysical Interpreter in the East Texas Division.

**Fred L. Oliver** (BS '51) is President of Oliver & West, Inc., in Dallas. Fred made the trip to Mexico City for the Seventh World Petroleum Congress, saw lots of Texas Exes and even attended a few papers. He says the Mexicans put on the best organized meeting he's ever attended anywhere.

**Freeman L. Orman** (BS '41) continues as Resident Manager for Ambassador Italiana Petroli in Rome.

**Harold D. Orr** (BS '59, MA '62) was transferred from Kingsville to Corpus Christi by Humble where he is presently a Geologist in the Outpost Group.

**Robert Williaim Orr** (MA '64) will receive his Ph.D. from Indiana University in September and has accepted a position as Assistant Professor of Geology at Ball State University in Muncie, Indiana. He was co-leader of the Silurian and Devonian Stratigraphy field trip at the north-central meeting of GSA in Bloomington in April.

**John C. Osmond** (BS '47) continues as a Consulting Geologist in Salt Lake City, Utah.

**William J. O'Sullivan** (MA '67) is working as an Exploration Geologist for Gulf Oil Corporation in Midland. He says Permian Basin geology is very interesting and he's "learning plenty."

**Eric J. Ottman** (BS '51), Geologist for Lone Star Steel Company in Lone Star, Texas, writes: "Still doing mine planning and quality control work. We have some beautiful exposures of Sparta, Weches and Queen City in our strip and open-pit mines. Good locale for a field trip, especially students. You all come!"

**Robert D. Ottman** (BS '51) continues as District Production Geologist for Humble in Oklahoma City, Oklahoma. He writes: "We are enjoying living here in Soonerland. Your Newsletter gets better every year. It certainly does a fine job of keeping interest in the progress of the Department. You have indeed maintained a standard that makes the alums proud." (Our "buttons" have now completely popped off! Thanks a heap, Bob!)

**Foy L. Otts** (BS '58), Geophysicist with AMOSEAS at The Hague, Netherlands, writes: "Betty and I are looking forward to a sunny home leave in Texas this summer. Spent an interesting period in Nigeria last October-January doing offshore gravity and magnetics."

**Judd H. Oualline** (BA '42) is Manager of the Exploration Department for Skelly Oil Company in Tulsa, Oklahoma.

**Frith C. Owens** (1918-21) is an Independent Geologist and Petroleum Engineer in Corpus Christi. He writes: "After rearing and educating eight children (four boys and four girls) I am starting all over again with five grandchildren (three boys and two girls). What is retirement? I am glad I don't have to rear and educate all the grandchildren! At any rate, I have security."

**L. W. (Dub) Owens** (BS '51) has retired from petroleum geology and is now with the Lufkin Foundry and Machine Company, in Commercial and Marine Gear Sales, in Lufkin, Texas. Dub reports "enjoying new field; wife and three young'uns well and hardy; looking forward to homecoming."

**Robert M. (Bob) Owens** (BS '51) is now an Independent and Consulting Geologist in Houston.

**R. Ed Palm** (BS '57) continues as Vice-President of Building Products Wholesale Company, Inc., in Fort Worth. Ed writes: "Still in lumber business. Have new baby girl, Courtney. See old geology buddies now and then, but none presently in the oil

business. Seems the market was saturated around '57. Would you believe they weren't hiring that year?"

**Howard W. Parker** (BS '49) is a Partner in Parker & Parsley, in Midland.

**John William Parker** (PhD '67), Assistant Professor of Geology at Albion (Michigan) College, writes: "After an Austin summer we made an attempt to adjust to an Albion (from the Latin, *albus*, white) winter; with fervor we defend Texas against the — yankees snide remarks. Caught up in the excitement of teaching geology."

**Lloyd S. Parker** (BS '38) became an Independent Oil Operator again in April 1966. Lloyd's offices are at 514 Vaughn Plaza, Corpus Christi.

**Travis Jay Parker** (MA '39, PhD '52) is recovering from a recent heart attack. Travis is Chairman of the Geology Department at Texas A & M.

**A. Balfour Patterson III** (MA '41) is a Partner in Logue & Patterson in Dallas.

**Jim F. Patterson** (BS '52) is now an Independent Consultant in Houston.

**Walter F. Patterson** (BS '50) has been District Manager for Schlumberger Well Services in Hebbronville since February 1966. His son, Brad, is a freshman in engineering at UT.

**J. L. (Jake) Patton** (BS '32, MA '32) reports "nothing new" from Tyler, Texas, where he is a Consultant.

**James U. Patts** (BS '59) continues as Senior Geologist with Mobil Oil Libya, Ltd. in Tripoli. Jim says the war in the Middle East has lowered the popularity of Americans in Libya.

**Robert J. Paxton** (BS '49) joined Atlantic Richfield Company in Dallas as Programming Supervisor last February after thirteen years in Midland. He is now working on computer applications to geological problems and "so have plenty to do in a virtually unexplored field."

**Richard Carl Peckham** (BS '56) is Director of the Ground-Water Division of the Texas Water Development Board in Austin.

**Calvin Greer Percy** (BS '48) is Senior Seismic Computer for Humble in Midland. He writes: "Still working in the geophysical department of Humble looking for bull structures in the Delaware Basin. Think I have set a record for doodle-buggers by staying in Midland for seventeen years."

**Charles S. Percy** (BS '43) reports "nothing of news value" from Austin.

**Harry G. Peterson** (BS '40) was recently made Inspector General of the USAF

Aeronautical Chart & Information Center in St. Louis, Missouri.

**Ben J. Petrusuk** (BA '42) is continuing as Division Paleontologist with Pan American Petroleum Corporation in New Orleans. His daughter, Cynthia, is completing her sophomore year at LSU and his son, Martin, is completing his freshman year at Spring Hill College in Mobile, Alabama. Ben says he always enjoys the *Newsletter* very much and "thanks." (And our thanks to you, Ben!)

**Robert W. Pettigrew** (BS '52, MA '54) is District Geologist for Humble in Refugio, Texas.

**O. Scott Petty** (Advisory Council, Geology Foundation) continues as Chairman of the Board of Petty Geophysical Engineering Company in San Antonio. (Scott says since he's not an alumnus he doesn't belong in our *Newsletter*, but from our point of view, since he's on our Advisory Council, he sure does!)

**Van A. Petty, Jr.** (BS '40, MA '41), Independent Geologist in San Antonio, has moved his offices from the Petroleum Center to an addition in his home where he has "lots of book space."

**C. Alan Peyton** (BS '63), Staff Geophysicist for Phillips Petroleum Company in Tripoli, Libya, writes: "We're enjoying Libya very much. I've finally found out what a 'desert pavement' really is, and believe me, there's a lot of it. There are three Texas grads here with Phillips and we would like to know others, so could you tell them to contact one of us: Bill Ellis, Gene Pollock, or myself." (Alan, according to our records, there's a whole flock of them there in Tripoli. Here's a few for you to start on: Sam Adair (Esso), Roy Beckelhymer, Jr. (Libyan Atlantic), George A. Davis (Ray Geophysics), Jacques Elbel (Dowell-Schlumberger), James U. Patts (Mobil), B. K. Rodgers (Mobil), Murray Body (Oasis Oil), and V. A. Walston (Esso). If you can't find them, be sure and let us know.)

**Jack Phillips** (BS '49) is Exploration Manager, Southern Region, for Cities Service Oil Company in Houston.

**Jack Loyce Phillips** (BS '49) is an Independent in Gladewater, Texas.

**George P. Pichel** (BS '51) is "still at the same post"—as Manager of Exploration, Pacific Coast, for Union Oil Company of California in Los Angeles. George says he enjoyed seeing old friends at the recent AAPG meeting.

**W. R. (Pick) Pickens** (BS '57, MA '59), Exploration Geologist for Humble in Corpus Christi, reports they "added a girl, Ellen, last June."

**James Stuart Pittman** (1953-57), Consulting Geologist in Bartlesville, Oklahoma, writes: "My wife, Hattie, died of cancer on September 22, 1966. Jay, Doug and I are slowly making the adjustment now. I was re-elected County Commissioner last fall by 62.9%, but I'm getting out of politics as soon as I can. My partners and I have a tiny bit of production in Montana, but we hope things improve."

**Gerald S. Pitts** (BS '54) reports from Midland: "After ten years with Humble, I resigned last September to enter the Consulting business. Life of the Independent is fascinating as well as much different. The opportunities are unlimited, however." Gerald is a General Partner in Gerald S. Pitts, Ltd., with offices in the Mid-America Building.

**Phillip M. Pitzer** (BS '54), with Romenger & Pitzer in Breckenridge, Texas, reports that he, Polly and the three boys, Mane, Greg and Clay are all fine. Phil says he's doing a little ranching as well as "oiling" now.

**Roger S. Plummer, Jr.** (BA '48, MA '49), Executive Vice-President and Director of Grace Petroleum Corporation, was transferred from Libya to Rome in July 1966. He is now in charge of oil operations worldwide and is doing a lot of travelling. His trip last year included Johannesburg and Sydney.

**William A. Poe** (BS '48) was transferred by Humble to Corpus Christi last August where he is Exploration Geologist. He says Corpus is truly the "Cinderella City" and he's having a ball! He also says "come see us."

**Gene R. Pollock** (BS '52), Exploration Superintendent for Tenneco Oil Company of Nigeria, writes from Lagos: "Still enjoying the Niger Delta oil hunt but that the outcrops of the Edwards Formation look especially inviting when football season starts. Please tell the old 'drinking pardners' to look me up when they come through West Africa."

**Morris E. Pollock** (BA '62) has been transferred from Amarillo to Tripoli, Libya. Morris is Staff Geologist for Phillips Petroleum Company.

**Charles E. Porter** (BS '49, MA '51), Systems Analyst for MPI Industries, Inc., in Jackson, Mississippi, writes: "From geology with Shell to systems engineer with IBM to the above; quite a parlay in six years. If you have to place any endeavor on a par with geology, it has to be computers, their usage, and how to make them scheme."

**Ralph James Poth** (BA '61) is Cost Analyst for Creole Petroleum Corporation in Caracas, Venezuela.

**James W. Potter** (BS '54) reports from Corpus Christi where he is a Geologist with Union Producing Company.

**J. Dan Powell** (PhD '61) is Assistant Professor of Geology at UT-Arlington. He and Dorothy, who is in school majoring in Spanish, have three boys.

**Ann Wilson Primer** (BA '56) is living in Tyler where her husband, Charles, is a practicing obstetrician and gynecologist. Ann says it's great to be around so many geologists again.

**W. T. Probandt** (BS '56) joined Roger C. Hanks, Ltd. in October 1966 as Manager and Geologist of their Midland office. Previously Bill was with Union Texas Petroleum Corporation in Midland.

**John L. Proctor** (BA '59) is an Engineer with the U.S. Government in Dallas.

**E. Joe Pruitt** (MA '48) is an Independent Geologist in Houston.

**Leo Pugh** (BS '52) is "still having lots of fun on the big computers putting together gravity and magnetic programs and interpretations for the oil industry." Leo is General Manager for Geo Gravity, Inc. in Houston.

**Stan Pyndus** (BS '50) has founded a new corporation, Mont Belvieu Corporation, which will process hi-calcium limestone into cattle feed, chicken grit, fertilizer, adsorbents and chemical uses. Their plant is located at Belton, Texas, and becomes operative this summer. Stan says they need to sell a "jillion" tons each year, and would like to hear from any exes that use calcium ( $\text{CaCO}_3$ )—"limestone to you laymen."

**James H. Quinn** (PhD '54) is Professor and Chairman of the Geology Department, University of Arkansas at Fayetteville. Jim is still working on the stratigraphy and paleontology of the Pennsylvania, Morrowan and the Mississippi Chestorian, and has a project to excavate a sub-recent cave in Arkansas with a *Platygonus compressus* assemblage. He hopes to attend the Carboniferous Congress in Sheffield, England, this fall.

**Jack H. Ragsdale** (BS '51) is Vice-President of the Caran Engineering Corporation in Alice, Texas.

**James A. Ragsdale** (MA '60), Staff Geologist-Houston Division for Texaco, was assistant editor of "Deltas in Their Geologic Framework," published in 1966 by the Houston Geological Society.

**Walter K. Rainbolt, Jr.** (BA '57) is employed by Union Oil Company of California as District Landman in Lafayette, Louisiana.

**John W. Ramsey, Jr.** (MA '61), Geologist for Amerada Petroleum Corporation in Oklahoma City, Oklahoma, is "trying to figure out complex structural geology of southern Oklahoma." John is President of the Oklahoma City Geological Society.

**Clyde M. Rascoe** (BS '49) has opened up a data processing center called Petroleum Data Services, with offices in Midland and San Angelo, for all types of business and scientific applications. Clyde will be doing lots of geological and petroleum engineering applications so will not be out of the profession. He asks "all exes who don't have their own computer to bring in their work."

**W. A. (Al) Ratcliff** (BS '50) is "still at the same old stand, except currently working the offshore Texas area." Al is Geophysicist for Continental Oil Company in Corpus Christi. He says he's failed to mention it before, but he really enjoys the annual Newsletter. (Thanks, Al!)

**Alan M. Rauch** (BS '56) continues as Partner in the Oil Field Rental Service Company in Houston.

**Allen B. Ray** (BS '58), Captain in the U.S. Marine Corps, finished the Amphibious Warfare School in January 1967 and is presently assigned as an Instructor at the Communications Officers School in Quantico, Virginia. Allen says the golf course there is excellent.

**M. Allen Reagan** (BA '50) is Executive Assistant to the Manager, Hydrocarbons & Energy Department, of Dow Chemical Company, in Midland, Michigan. He writes: "Family enjoying Michigan other than the long winters. Daughter Deborah departs for college in September 1967 (William Woods, Fulton, Missonri). I am traveling considerably, including Europe, to the chagrin of my wife, Martha Riley (BFA '46)."

**Robert C. and Mary Jean Murray Redfield** (BS '37, MA '40; BA '37) are still living in Amarillo where Bob is Regional Geologist for the U.S. Bureau of Reclamation. They attended the GSA meeting in San Francisco last November and took the field trip to Hawaii. Mary Jean says she was delighted to see UT faculty members and wives and classmates. With reference to his work, Bob writes: "Reclamation's eight-mile, 10.5' diameter, Blanco Tunnel in southern Colorado holed through April 1, 1967, just six days short of one year's work. A 52-ton Mole set world's record, boring 375' in one day and 6713' during March. Tunnel is in shale except for 3000' in moraine and landslide. Pre-construction investigations included aerial and ground geophysical surveys, core drilling, and surface mapping. Geology of tunnel bore was mapped throughout."

**David B. Remick** (MA '42) is a Consultant in Houston.

**Charles B. Renaud** (BS '49, MA '50) is an Independent in Fort Worth, Texas. Charles writes he's trying to get a mica mine, located in the Van Horn Mountains of Culberson County, Texas, into production.

**Alice Kleberg Reynolds** (BA '49) writes from Austin: "Still lucky enough to be living in Austin! Am still a rockhound, although not a professional one. Married to a wonderful guy (Dick) for eighteen years with three dividends to show for it, Chula (16), Mike (13), and Alice (9)."

**W. F. Reynolds** (MA '53) is a Partner in J. C. & W. F. Reynolds, Oil Producers, in Wichita Falls, Texas.

**Cecil T. Rhodes** (BS '49), Geophysicist for Phillips Petroleum Company, is currently assigned to their geophysical department in Bartlesville, Oklahoma. Cecil reports "one big boy, one big girl, and one small gas field during the last six years in Australia."

**James Van (Jim) Richards** (BS '56), Offshore Texas Exploration Geologist for Coastal States Gas Producing Company in Houston, says they're quite busy fighting the battle of the Texas offshore and "all electric logs are welcome—especially those with sand."

**James William Richards** (BS '58), Partner in El Cinco Production Company in Calgary, Canada, writes: "We have just finished our first winter in Canada and found it wonderful. It is amazing how soon one adjusts and thinks 30° above is warm!"

**Frank M. Richardson** (BS '57) is now Party Chief for Teledyne, Inc., in Houston.

**H. Gene Richardson** (BS '58) has "spent the last five years with IBM in San Antonio, and is currently enjoying additional territory to cover by spending two days a week in Austin." Gene is Account Representative for IBM.

**Frank William Rife** (BS '50) works as Geologist for Austin Road Company and Worth Construction Company in Fort Worth.

**Raymond A. Riley** (BS '40) is Supervisor-Design Section Group for the City of Houston's Department of Public Works. He writes: "Although not active in geology, have not lost touch. Wife Ruby and I are active rockhounds, crystal collectors and fossil collectors. Spend many hours and miles in the field on collecting trips."

**Jess R. Roach** (BA '41) continues as Division General Manager for Tenneco Oil Company in Midland.

**Virgil H. Roan** (BS '49) has moved into a new home in Ardmore, Oklahoma, where he is a Consulting Geologist.

**Jean-Paul Robert** (MA '56) continues as Senior Geologist, Submarine Geology Section, for Geotechnip in La Celle Saint-Cloud, France. He writes: "Submarine geology activity of our company is growing fast. We realize complete geology and sedimentology studies for harbor extensions, bridges, lighthouses, foundation or anchoring of oil barging in Europe and Africa. My two years training program with Paris Chamber of Commerce helps me a lot facing all the problems of a tremendous expansion."

**Jack S. Roberts** (BS '60) reports that he and his wife Jean are both now Systems Analysts in the Data Processing Department, Great Southern Life Insurance Company, in Houston.

**William P. Roberts** (BS '59) is working full time (as Geologist) at the Smithsonian Institution on sedimentation problems of the continental shelves of southeastern U.S. and Argentina. He is also a "part-time" Ph.D. candidate at George Washington University.

**Roland S. Robertson** (BS '55, MA '56), Consulting Geologist in Corpus Christi, writes: "Toni (BS '54, Phys.Ed.) and Gregg (10) are doing fine. We're active in Little League, Scouts and Politics. We have three 'new' daughters, Gale (17), Trina (14) and Jana (10). Working mostly the Cretaceous and Wilcox Trends and still trying to find the Big One."

**E. C. Robinson** (BS '50) continues as Geologist, International Division, for Union Oil Company of California in Los Angeles. He's been there over a year now and "likes it better every day." Ed spent three months last fall in the Arabian Gulf for Union.

**Ron S. Robinson** (BS '58), Owner of the Carter Book Store in El Dorado, Arkansas, writes: "Book store is still taking up most of my time. Have begun flying and recently visited some exes in the great state of Texas. Don't forget I'm surrounded by Red-and-White Hogs up here! Haven't missed a Texas-Arkansas game yet."

**Jack P. Rodgers** (BS '46, MA '47) is an Independent in Midland.

**Charles W. (Bill) Rogers** (BS '61, MA '63) is Exploration Geologist for Union Oil Company of California in Lafayette, Louisiana. He says "no real news; still working the Miocene trend of southwestern Louisiana."

**James W. (Bill) Rogers** (BS '49) continues as Division Geophysicist for Texaco in Den-

ver, Colorado. The Rogers (wife Madeline and five offspring, ages 5-15) are enjoying life in Denver.

**Frank C. Roper** (BA '31) is Owner of Frank C. Roper Company in Rosenberg, Texas, doing "geology and drilling."

**Peter B. Rose** (BS '57, MA '59) is currently working on his Ph.D. here at UT. Pete spent the summer mapping in the Edwards Plateau as part of his dissertation research, and hopes to be through with it by the spring of 1968. He, Judy, and their three little girls (Virginia, Cathy and Peggy) are enjoying Austin again.

**Robert G. Rosenbrough** (BS '57) is managing operations for four Xerox Systems Centers in New York, Chicago, Boston and Philadelphia. Bob lives in Rochester, New York, and says he still misses Austin and hopes to visit here again.

**Robert B. Ross** (BS '50) is Area Geologist for Murphy Oil Corporation in Jackson, Mississippi.

**Rollins M. Roth** (BS '58) writes from Abilene, Texas: "Trying to make a living in Abilene, selling oil field equipment, turning a few deals, pumping a few oil wells, roustabouting, janitor work, etc."

**Donald I. Rothschild** (BS '52, MA '55) continues as Senior Geologist for Shell Oil Company in Houston.

**Dade H. Rowden** (BA '33) Independent Geologist in San Antonio, reports "no change."

**Andrew J. Rowe, Jr.** (BA '49, MA '51) is employed as Geologist for Sinclair Oil & Gas Company in Oklahoma City, Oklahoma.

**W. Wayne Roye** (BS '51) says that the majority of his time is spent on the Delaware Basin Play. Wayne is an Independent Geologist in Midland.

**Ann Joyce Ruby** (BA '48) writes from Austin: "My husband (Maurice) is a road contractor and occasionally brings home rocks for me to 'examine.' We have four children: Trisha, a freshman at UT; Ed (16); Nancy (9); and a new baby, Douglas, age six months—this year's surprise! I always enjoy the news of old classmates in the Geology Magazine."

**John S. Runge** (BS '50) writes they're looking forward to seeing many old friends at the Rocky Mountain Section of AAPG in Casper on October 8-11 and "y'all come." John is a Consulting Geologist in Casper, Wyoming.

**Jimmie Norton Russell** (BS '52, MA '54) continues as Geologist for Sinclair Oil & Gas Company in Houston.

**Richard Verner Russell** (MA '65) writes from Stockholm, Sweden: "Began studying under Professor Sven Gavelin during the spring of 1965 toward a Filosofie Licentiat. This degree should be completed by June 1967. Thesis problem will be expanded for a Swedish doctorate. Am holding a university scholarship at present and enjoy my work and the freedom a Swedish university offers."

**Vernon L. Ryan** (BS '60) is a Physician for the Indian Health Service (U.S. Public Health Service) in Peach Springs, Arizona. He writes: "I am presently the only physician for the Hualapai and Havasupai Indians in the Grand Canyon Country of Arizona. Every three weeks I ride by horseback into the Canyon to visit Indians living in the Supai village. This trip takes me right down the Grand Canyon Section, Coconino sandstone to Moav limestone—very nice. Beginning July 1967 I will be the director of a 35-bed hospital in the Apache country at San Carlos, Arizona, Geronimo's last stronghold."

**Lloyd J. Ryman** (BS '38) reports to us from Hannover, Germany, where he is Vice-President and General Manager for Continental Oil Company of Germany.

**Floyd F. Sabins, Jr.** (BS '52) continues as Senior Research Geologist for Chevron Research Company in La Habra, California. Floyd has branched out into a new and interesting line of research—remote sensing—and in this connection has published a paper and became active in the American Society of Photogrammetry. He continues to teach an advanced geology course at the University of Southern California.

**Chester C. Sadler, Jr.** (BS '53) reports to us from Austin.

**Billy E. St. John** (BS '58, MA '60, PhD '65), Senior Geologist for Esso Exploration Norway, Inc., writes to us from Stavanger, Norway: "Continue to do wellsite work on floating platform in the North Sea. Skeet keeps house on an island (Hundvag) and Mike and Tad attend Norwegian school. Kevin and Doyle are pre-school age and brats in any language. Hope to visit Austin during annual vacation in July." (Bill did visit us on July 3 and got to see the new building, and we were delighted to see him!)

**Jack S. Sanders** (BS '57), Geologist-Geophysical Operations for Geotech in Garland, Texas, "expects to again have the opportunity to do some overseas rock-pounding in the near future."

**James W. Sansom, Jr.** (BS '63) reports the birth of a second son, Marc, in January 1967. Jim continues to enjoy working on the Texas Water Plan and living in Austin,

where he's Geologist in the Foundation Section, Texas Water Development Board.

**Paul W. Sansom** (BS '55) is employed as a Package Designer by Raymond Loewy/William Snaith Associates in New York City.

**Wayne E. and Cecilia M. Schake** (MA '61; currently working on PhD) are living in Saratoga, California. Wayne is flying the international Pacific routes on the Boeing 707 for Pan American Airways and Cecilia is writing her dissertation.

**Olvert Eugene Schellhase** (BS '51), Independent in Corpus Christi, says he's "still trying to make a living consulting; business has been slow."

**Elsie Bernadine Chalupnick Schiemenz** (BA '43) reports to us from Mobile, Alabama, where she is teaching seventh grade science and math. She began teaching about three years ago because of the acute shortage of teachers in Alabama and finds it both "satisfying and frustrating." Elsie has taken education courses at Springhill College and Livingston State and says she plans to move to San Antonio this summer.

**Jack R. Schmid** (BS '51) works for the Canadian Superior Oil, Ltd., in Calgary, Canada.

**George W. Schneider, Jr.** (BS '58), Independent Geologist in Lafayette, Louisiana, writes: "We have a new son, Steven, born January 10, 1967. Our other three children are Kathy (7), Bill (6) and Susan (4). The oil business has been good in South Louisiana and Lafayette is a fine oil center with the only detraction that it is too far removed from Austin."

**Louis I. Schneider, Jr.** (BS '60) is employed as Data Processing Manager-Geophysics for the Independent Exploration Company in Midland. Louis was married to Ann Bynum in June 1965.

**Tom Schneider** (BS '50, MA '51) is an Independent Geologist and Oil Operator in Midland. Tom has three boys and two girls —"and one more on its way."

**Paul E. Schnurr** (MA '55) is employed as Geologist-Geophysicist for Standard Oil Company of California in La Habra.

**Milton R. Scholl, Jr.** (BS '47, MA '48) is teaching earth science and general science in Hilltop Junior High School, Chula Vista, California. Milt says the climate is wonderful and with no smog. He and Freda have four children and a "busy household."

**Barth Schorre** (BS '49) is Zone Supervisor for Humble in New Orleans. Barth says he's "doing offshore exploration work, finds it very interesting, and manages to stay pretty busy."

**Glynn M. Schuchardt** (BS '52) continues as Consulting Geophysicist for Tenneco Oil Company in Corpus Christi. He writes: "Still picking the 'wiggles' for Tenneco. Really enjoy living here on the bay. Don't catch much fish but do give them a bit of a scare. Working with a few Texas boys and with one from a well-known southwestern institute."

**John T. (Ted) Schulenberg** (MA '58) was transferred from Houston to Corpus Christi in January 1967 by Standard Oil Company of Texas and was promoted to Senior Exploration Geologist. Ted says the only other change was that the kids each got one year older whereas he got two years older!

**Frank C. Schulte** (BS '55) continues as Investment Analyst for Prudential Insurance Company of America in Dallas. Frank would welcome visits from classmates and says he's not too current in geology. The Schultes adopted a baby girl last December.

**Frederick E. Schultz** (BS '47), Zone Exploration Manager (Offshore) for Humble in Los Angeles, moved into a new home in San Fernando Valley in December 1966.

**Rubin A. Schultz, Jr.** (BS '61), General Supervisor for Thermac Logging Company in Corpus Christi, writes: "Thermac still expanding despite present slowdown in oil industry and future looks bright. Am moving more into sales although at present I still see more rigs than offices."

**John T. Schulz, Jr.** (BS '57) was elected Second Vice-President of the Corpus Christi Geological Society for 1967-68. John is Exploration Geologist with Tenneco Oil Company in Corpus.

**Bernard Schwab** (BS '40) continues as Geologist for Gulf Oil Corporation in New Orleans.

**T. J. (Jerry) Schwarzbach** (BS '58, MA '61) is Geological Engineer for Tenneco Oil Company in Shreveport, Louisiana.

**Basil J. Scott** (BS '59) has been promoted to Assistant to the Permian Basin Area Manager of Johnson Testers in Midland.

**Eugene P. Scott** (BS '57) reports to us from Corpus Christi where he is a Consulting Geologist.

**Dick Sears** (BS '57) is Medical Sales Representative for Abbott Laboratories in Tulsa, Oklahoma. Dick says wife Suzanne and boys Mark, Philip and Stephen are all doing fine and are enjoying living in Tulsa.

**Louie Sebring, Jr.** (BS '41, MA '47) continues as District Exploration Manager for Champlin Petroleum Company in Corpus Christi.

**Clyde R. Seewald** (BS '63, MA '66) is "still trying to learn the ropes in this oil business." Clyde is Development Geologist for Phillips Petroleum Company in Houston.

**Kenneth O. Seewald** (1962-65) writes from Midland where he is Exploration Geologist, Stratigraphic Section, for Mobil Oil Corporation.

**George C. Seibert** (BS '60) is employed as Sales Engineer for Gardner Denver Company in Dallas.

**Robert T. Sellars, Jr.** (BS '57) received his Ph.D. in geology from Tulane University in 1966, the first recipient of a Ph.D. from Tulane's Geology Department. Bob, who is Exploration Geologist for Louisiana Land & Exploration Company in New Orleans, reports enjoying the Texas cocktail party at GSA in San Francisco last fall. He's also looking forward to seeing the Texas crowd at GSA in New Orleans this fall!

**Holmes A. Semken** (BS '58, MA '60), Assistant Professor of Geology at the University of Iowa in Iowa City, has been conducting a survey of Iowa's Pleistocene mammals, and investigating the Aftonian fauna of western Iowa during "Iowa's incredibly long winter." He plans to warm up with field work in Kansas this summer. On the domestic front, he has been improving the homestead under Elaine's able direction.

**Charles R. Sewell** (MA '55) continues as Regional Geologist for Callahan Mining Corporation in Tucson, Arizona. He writes: "Margaret, Mike, Scudder, Beth and Judi (their dog) are all helping me keep busy finding enough ore to keep the wheels a-turning!"

**George B. Sewell** (BS '54) writes from Calgary, Canada: "When Amex Petroleum Corporation sold out, we decided to join the Canadians. Charlotte Anne (11) and Jimmy (8) are finding the schools similar to those in Casper, Wyoming. Dee Dee and I are enjoying the cultural programs, the somewhat European atmosphere, and the year-round sailing program (ice boating in the winter)." George is Geologist for Union Oil Company of Canada.

**Victor M. Shainock** (BS '56) has been made Supervisor of Domestic Operations for Index Geophysical Surveys Corporation in Houston.

**John Scott Shambaugh** (BS '49, MA '51), Geologist with Humble in Corpus Christi, reports "no news or changes this year" and that the family is fine.

**William W. Sharp, Jr.** (BS '50, MA '51) is Supervisor, Major Fields Group, for Atlantic Richfield Company in Lafayette, Louisiana. He writes: "No recent travels to far away places—just trying to find and de-

velop pools in South Louisiana. Visited with Stan Pyndus during last year's Texas-Rice game. Stan's as mean as ever and his wife, Mary Jane, is as nice as ever."

**Don B. Sheffield** (BS '58) is employed by Ray Geophysical Division of Mandrel Industries of Houston. Don is Assistant to the Manager of Domestic Geophysical Operations.

**Cader A. Shelby** (BS '58, MA '62) now works as Geologist for the Texas Water Development Board in Austin. Cader says his primary job is making field studies of potential dam and reservoir sites.

**Jerry M. and Gay Salinas Shelby** (BS '57; BA '57) are "marking" their tenth year in Amarillo, where Jerry is Exploration Geologist for Gulf Oil Corporation. They write: "... we have about given up on being transferred. Not that we want to be! But we were told that working with an oil company would mean making many moves. So far, we moved from Austin to Amarillo. We remain a family of four. Our daughters are Theresa (5) and Annette (2). We enjoy your *Newsletter* very much each year; thanks for the effort." (It's "words" like this that make us proud of the effort!)

**William K. Sheldon** (BA '48) is Chief Geologist for L. A. Nordan Company in San Antonio.

**William T. Sherman** (BS '51), General Sales Representative for Baroid Division, has been living in Houston for 3½ years. He and Lee have two girls and one boy.

**George H. Sherill** (BS '50), Consulting Geologist in San Angelo, has been elected President of the San Angelo Geological Society for 1967-68.

**Lee A. Sherwood III** (BS '57) writes to us from Chattahoochee, Florida, where he is owner of a men's wear store: "Last position with an oil company was with White-stone Petroleum in Dallas. Decided to buy a men's wear store and return to my former home, Chattahoochee." Lee and Pat (UT '50) have a daughter (8) and a son (15 months).

**Elgean C. Shield, Jr.** (BS '53) is "still in Corpus Christi raising four children and spending extra money on a sailboat." Elgean is Geologist for Southern Minerals Corporation and he says he's having an interesting time getting into South Louisiana offshore geology.

**Richard T. Short** (1923-25) reports to us from Boerne, Texas, where he has been living since his retirement from Continental in 1963.

**Walter L. Siler** (BS '60) is leaving Baylor University, where he has been an Instructor in Geology for the past two years, to take

a position as Marine Geologist at the Gulf Coast Research Laboratory in Ocean Springs, Mississippi. (We hear via the grapevine that Walt loves "coastal mud" so much he even washes his teeth with it!)

**John J. Simkins** (BA '33) continues as Geological Associate for Mobil Oil Corporation in New Orleans.

**Samuel J. Sims** (MA '57) says their main news is that they built a house last year so they now have plenty of room to put up visitors. Sam is Geologist for Bethlehem Steel Corporation in Bethlehem, Pennsylvania.

**Robert Samson (Sam) Singer** (BS '61), Reservoir Engineer for Humble in Andrews, Texas, reports "nothing new, except miss seeing rain more than once a year."

**Coyle E. Singletary** (BS '48) continues as Geologist for Union Oil Company of California in Oklahoma City. The Singletarys have three children, ages 13, 9, and 8.

**Harry H. Sisson** (BS '40) was transferred from New Orleans to Houston in August 1966. Harry is Staff Geophysicist for Humble.

**John W. (Jay) Skrabaneck** (BA '46) is now in Dacca, East Pakistan, working for Camp Dresser and McKee, in the development of underground water for the government of East Pakistan. In a trip home from work in the field, a distance of twenty miles from Dacca, he first caught a bicycle rickshaw from the well to a ferry, a forty-five minute ferry boat ride and then a rather wild jeep ride with a Pakistani engineer to town, and a taxi from town to his home! Jay's wife and two children are with him and he expects to be in East Pakistan for two years.

**William P. Slater** (BA '50), Geologist-Specialist for Sinclair Oil & Gas Company in Midland, writes: "Fifth daughter, Elizabeth Lee, arrived last December. Oil, geology, and Midland continue, also. Basin studies are my principal duties."

**Frank H. Slavik** (BS '61) is currently enrolled in Graduate School here at UT studying human development and social psychology in the Department of Educational Psychology.

**Marriott Wieckhoff Smart** (BS '57) writes: "We have had no major changes since last year's *Newsletter*. John is still Assistant Division Landman for Continental Oil Company here in Corpus Christi. Our girls are ages 2 and 4 now."

**Tommy T. Smiley** (BS '51) continues as Cartographer for the Aeronautical Chart & Information Center in St. Louis. He's "still watching the Cardinals and hoping."

Tommy would like to contact any exes who live in his area.

**A. Richard Smith** (BS '64) is working on his Ph.D. in geology here at UT and is now editor of the *Texas Speleological Survey*.

**Bruce Dixie Smith** (BS '58) is "engaged in the full-time practice of law" as an Attorney with Fulbright, Crooker, Freeman, Bates and Jaworski, in Houston. His outside interests are fishing, sailing and hunting.

**Calvin S. Smith** (BS '48) has been transferred from Midland to Marathon Oil Company's Anchorage, Alaska, office. Calvin is Staff Geologist for Marathon.

**Charles Edward Smith** (BS '54) has recently joined the Trust Department of Republic National Bank in Dallas. He and Ann have a son, Charles, Jr.

**Daniel L. Smith** (BS '58), Exploration Geologist for Pan American Petroleum Corporation in New Orleans, is currently directing and supervising their exploration in southeast Louisiana.

**Glenn C. Smith** (BS '53), Senior Geophysicist for Texaco in Houston, returned to the U.S. last April from a tour of duty in Bogota, Colombia. Glenn says they're enjoying life in the U.S.A. "una mas vez."

**Harold W. Smith** (BS '53) lives in Austin and is employed as a Pilot for Continental Homes Company of Houston.

**Jimmy Lee Smith** (BS '57), Geophysicist for Humble in Houston, has a new son, Michael Scott, born August 1, 1966. The Smiths continue to enjoy living and working in Houston.

**Joe E. Smith** (BS '48, MA '49), Independent Geologist and Oil Operator in Beaumont, completed a good oiler in the Yonajosa Area, Hardin County, Texas, in March of this year.

**John Peter Smith** (BS '37) took early retirement from Esso Standard Libya, Inc., in October 1966. He is now establishing production interest in the Illinois Basin and is living in Carmi, Illinois.

**John Wyvan Smith** (BS '57) is presently working the subsurface geology of Alaska after spending the 1966 field season doing surface geology in southern Alaska. John is Geologist for Humble in Los Angeles.

**Joseph T. Smith, Jr.** (BS '50, MA '56) is "still working subsurface geology of South Texas for Sunray DX Oil Company in Corpus Christi."

**Stephen V. Smith** (BA '64) reports a very enjoyable year at Lehigh University. He and Linda now go to the University of Hawaii where he will work on a Ph.D. in oceanography.

**V. Zay Smith** (BS '39), President of V. Zay Smith Associates, Inc., says that most of his activity is centered in Canada these days.

**William Richard Smith** (BS '56) is Sub-surface Geologist for Creole Petroleum Corporation in Tia Juana, Venezuela.

**Frederick C. Smyth** (BS '47), District Geologist for Sun Oil Company, has been transferred from Jackson, Mississippi, to Roswell, New Mexico.

**Edmund D. Sneed** (MA '55), Geologist for Marathon Oil Company in Midland, writes: "Took the UT sedimentation course in Midland in the fall along with a number of Texas exes. Trying Tech this spring. Still working subsurface geology in West Texas."

**John Frank Snell** (BS '66) is employed as Geologist, Reservoir Engineering Department, for Coastal States Gas Producing Company in Corpus Christi.

**John L. Snider** (MA '55) continues as Geologist, Water Resources Division, USGS, in Alexandria, Louisiana.

**John L. Snyder** (Faculty, 1957-62) moved into a new home in March and has discovered that apartment living has many advantages! John is Director of Education for the American Geological Institute in Washington, D.C.

**G. Russell Sparenberg** (BA '30, MA '32) reports from Houston: "No change. Still enjoying retirement and travel with my wife Orlena."

**Howard J. Speer** (BS '56) continues as Manager, Trading Department, for Rotan Mosle Dallas Union in Dallas.

**Alexander B. Spencer** (PhD '66) joined Mobil Oil Corporation's Field Research Laboratory in June. Burke spent this past year on the staff at Carnegie Institute of Technology.

**Fred D. Spindle** (BS '49), Staff Geologist for Marathon Oil Company in Findlay, Ohio, writes: "We now have a college freshman, which must mean Mrs. S. is getting older! Marathon, as advertised, seems to be best in the long run."

**Richard D. Spinks** (BS '61) continues as District Real Estate Representative for Shell Oil Company in Dallas. Dick says they look forward to receiving the *Newsletter* each year and wishes us the best of luck in the new building. (Thanks, Dick!)

**Earl Brock Stanford** (BS '51) is Chief Geophysicist, East Atlantic Study Group, of Esso Exploration, Inc., in London, England.

**Jordan F. Stanford** (BS '49) Consulting Geologist in Corpus Christi, says he's enjoying weekends around Austin.

**Ann Marie Stanley** (BA '44) continues as Geologist for Miles Production Company in Dallas.

**Herbert M. Stanley, Jr.** (BS '49) has now been in Midland 5½ years. The Stanleys had a new addition to their family last year, a little girl, Elizabeth. This makes three girls and one boy for them. Herbert is Geologist for The Atlantic Richfield Company.

**Theodore E. Stanzel** (BS '56) is working as Geologist in oil exploration for Skelly Oil Company in Houston. Ted says the work is varied and interesting and living in Houston is most enjoyable—there's "lots of activity for the sports-minded person and the arts-minded, too."

**Frank L. Staplin** (BS '49, MA '50) is Research Geologist for Imperial Oil Limited in Calgary, Canada, and is currently working on Paleozoic phytoplankton, gymnosperm pollen, organic matter in sediments. Frank is Director of the Canadian Botanical Association and was President of the Internal Committee for the Second International Conference on Palynology in Utrecht in 1966.

**Frederick L. Stead** (MA '50) Consulting Geologist in Magnolia, Arkansas, was elected a Fellow in GSA last fall.

**Walter W. Stein, Jr.** (BS '52, MA '52) reports to us from Gainesville, Texas, where he is an Independent Consulting Geologist.

**Henryk B. Stenzel** (1934-54) is currently a Visiting Professor at LSU teaching Tertiary Coastal Plain Stratigraphy. He reports that the library facilities at LSU are better than those of Rice and Shell Development Company combined—even a shade better than UT's! He also states that other reasons that make LSU so attractive are the recently renewed emphasis on excellence with its accompanying improvements in facilities and support and the orientation of the School of Geology in the direction of Coastal Plain Studies. He's inherited the air-conditioned room formerly occupied by Vice-President Grover Murray.

**Wendell J. Stewart** (BS '49), Senior Paleontologist for Texaco in Midland, writes: "Nothing new since laste *Newsletter*—best wishes for the future in the new building." (Thanks, Wendell; from where we sit, the future looks rosy indeed!)

**William D. Stinson** (MA '52) is an Independent Consulting Geologist in Mt. Pleasant, Texas.

**James H. Stitt** (MA '64) is working on his dissertation project on Cambrian faunas of the Arbuckle Mountains, Oklahoma, here at UT. He hopes to get his Ph.D. in June 1968. His wife Betty is teaching Span-

ish and French at Johnston High School in Austin.

**Preston A. Stofer** (BA '57) writes to us from Long Mott, Texas, where he is an Independent Geologist.

**William T. Stokes** (BS '50) continues as a Consulting Geologist in Dallas. He writes: "Both of my boys, William (6) and Brad (4), are becoming real rockhounds! Just ask Fifi when she cleans their pockets out every night. This past year I have been working in southern Illinois most of the time. I am looking forward to seeing the new Geology Building and thanks for the *Newsletter*. It is most enjoyable to read." (Thanks, Bill.)

**Winston L. Stokes** (BS '57) has a new son, Robert Walter, who arrived in November 1966. Winston, who is District Landman for Ashland Oil & Refining Company in Houston, says they're involved in the proposed merger between Ashland and Amerada, which will be completed, he hopes, in the near future.

**Bert L. Stovall** (BA '48), Landman for Shell Oil Company, has just been transferred to Midland, and he says he's glad to be back in Texas. His son, Gary, hopes to enter UT this fall.

**Tom W. Stovall** (BS '57), Civil Engineering Technician with the USGS out of Denver, is currently located in Ozona, Texas, where he's "still making USGS topographic maps." Tom writes: "Good luck in the new Geology Building. Cordelia and I and our two girls, Tina Sue and Donna Tee, say hello to all in the *Newsletter*."

**Robert E. Stowers** (BS '61), Geophysical Interpreter for Texaco in Houston, reports he's fighting chinch bugs and weeds in the lawn of their new home.

**William S. Strain** (PhD '64) continues as Professor of Geology at The University of Texas at El Paso. Bill was elected President of the Texas Section of the National Association of Geology Teachers for 1967-68, and a Fellow in both GSA and the Texas Academy of Science.

**John L. Stripling** (BA '40), Vice-President of Cassle & Cassle, Inc., in Abilene, writes: "Family living in Abilene since 1962, comprised of my wife, Marjorie, and four girls and one boy. Unable to talk my oldest girl, who graduates this year, into attending UT, but hope to have better luck on the others. Hope to get down there to see the new building soon. Best of everything to all of you." (Thanks, John!)

**Carroll E. Stroman** (BS '58) has recently been appointed Rehabilitation and Training Director of Goodwill Industries in Austin.

**Walter M. Strong** (MA '57) changed jobs last summer and moved from Hattiesburg, Mississippi, to New Orleans after attending a four-months company school in New York City. Walt is now an Account Executive with Bache & Company, Inc., in New Orleans.

**Hal S. Stubblefield** (BS '54) has been transferred to Houston from Bakersfield, California, where he's been for the past three years. Hal is now Supervisor of Eastern U.S. Operations for Geophysical Service, Inc. He and Barbara have three children: Susan (8), Amy (6) and Stuart (1½).

**Jerome F. Svajda** (BS '40), is still doing general dentistry in Richmond, Texas, and is still the father of eight! Jerome writes: "One unpardonable sin—oldest son is an Aggie. Recalling Arthur Deen's old saying, I'm learning more and more about less and less, so I am now a specialist in nothing!"

**Leonard J. Svajda** (BS '40) reports to us from Corpus Christi where he is a dentist. Leonard worked as a Geologist for Gulf Oil Company until World War II and then practiced general dentistry in Houston for a year before moving to Corpus Christi. He has five adopted children, three boys and two girls. He says he would enjoy hearing from geology majors of the class of 1940. He has lots of geologists for patients, but none from the class of 1940.

**W C Swadley** (BA '52, MA '58), Geologist for the USGS in Erlanger, Kentucky, completed his tour as Map Editor for the Kentuck Mapping Program in September and returned to field work—quadrangle mapping in the Ordovician of northern Kentucky. The Swadleys moved into a new home in Florence, Kentucky, last December.

**H. N. Sweeney** (BA '52), Independent Geologist in Roswell, New Mexico, is "still wild-catting with occasional success." Hank has one son at Washington & Lee and another who graduated this year from the American Institute for Foreign Trade.

**Abdullah H. Tariki** (MA '47) heads his own consulting office in petroleum affairs in Beirut, Lebanon.

**Dennis R. Taylor** (MA '52) is now a Consulting Petroleum Geologist in Dallas. Dennis reports "no additions to the family; consulting has developed me into a 24-hour, world-wide geologist in a hurry!"

**Eugene Madison Taylor** (BS '58) left the Navy in January 1967 and is now practicing medicine in Denton, Teras.

**George Woods Taylor** (BA '49), Senior Geologist (Evaluation-Tax) for Humble in Houston, has a new home and "new yard work—now called creating." George was

elected President of the Robert E. Lee High School Dads Club for 1967-68.

**Dick Teel** (BS '41), District Geologist for Pan American Petroleum Corporation, writes: "Will have two sons in Texas next year. Dick, Jr. will be a junior and Ricky will be a freshman. Pan Am transferred our district office to Fort Worth, even though we still cover the same area. May and survived the move; we sold our Lubbock home and bought one in Fort Worth. Like Fort Worth very much!"

**Clement B. (Tim) Thames, Jr.** (BS '54, MA '57) continues as a Consulting Geologist in Bismarck, North Dakota. He writes: "Have managed to get married again and adding small *et alia* to the tribe. Had more snow this April than all the rest of the winter put together. Shades of New Orleans! Best wishes to all."

**Billy D. Thomas** (BS '49) reports to us from Austin where he is Senior Staff Geologist for the Railroad Commission of Texas.

**George L. Thomas** (MA '60) is now a Mechanical Engineer for the San Francisco Bay Naval Shipyard in Vallejo, California. He writes: "Three cold, snowy winters in Ohio is all we could take, so here we are in California. I'm working for the Navy on nuclear submarines and cruisers to naval guns, rocket launchers and optics. Selab III is here, but haven't found a way to 'get involved' with it yet. Eloise, Kelly, John and Kristen (in order of acquisition) are fine."

**Jamie Edward Thomerson** (BS '57) is "still teaching and doing research on fish systematics" at Southern Illinois University at Edwardsville, where he is Assistant Professor of Zoology. The Thomersons have a second child, Rachel Marie, born April 3, 1967.

**George M. Thompson** (BS '58), Petroleum Geologist for Herbert E. Williams in Houston, is "continuing exploration of the Texas Gulf Coast, Mississippi and Louisiana."

**Roy W. Thompson** (BA '38) continues as Senior Computer for Independent Exploration Company of Texas in Midland.

**Tommie J. Thompson** (BS '57) is "still working the Oklahoma and Arkoma Area for Shamrock Oil & Gas Company" out of Amarillo. Tommie reports that hydrocarbons are getting harder to find.

**Jimmie Harold Thomson** (BS '58) is Geologist and Manager of Production for the Ewing Operating Account in Breckenridge, Texas.

**Wesley A. Tiller, Jr.** (BS '50) is now Assistant Regional Geologist for Sun Oil Company in Beaumont.

**Bert C. Timm** (MA '41) has been transferred from Houston to Tulsa by Sunray DX Oil Company and appointed Manager of Extractive Planning and Economics. Bert says he hated to leave the "Great State" again for life among the Indians and that his new job "requires you to be independently wealthy and have the ability to walk on water."

**William E. Tipton** (BS '49, MA '51) continues as an Independent Geologist in Houston. Bill writes: "Still enjoying the search for oil berries, with the help of my wonderful 'helpmate,' and fourteen-year-old son, who is best described as a hunk of hair with a shartail, and an eleven-year-old daughter who is training all of her sixty pounds to go in the right places with a new girdle, a one-eyed dog, seventy-five guppies (at last count), and two female Siamese cats who seem to be 'that way' ALL the time!"

**William L. Tipton** (BA '48) shares his time between Houston, where he is a Consulting Geologist, and with his wife, Bonnie Mae (BA '55), and three step-children, Dougie, Sarah and Danny Nelson, at The Sherry House in New York City.

**Thomas W. Todd** (MA '56, PhD '59), Assistant Professor of Geology at the University of California at Davis, writes: "A very busy year with two major papers published and my SCUBA-facilitated research program finally producing useful data. The summer marine field course enrolled 25 students during its first session last year (mostly out-of-staters) and is being expanded this summer to include a separate graduate course; and two other new regular-session courses, one a computer-aided experimental and a Geology 1 course."

**Elsworth Tonn** (BS '55) is Vice-President of Stonehenge Oil Company in Tulsa, Oklahoma.

**Donald Torgerson** (BS '52) is still in Williston, North Dakota, where he is Manager for the Dowell Division of Dow Chemical Company. His oldest son, Scott, is attending Laurence University in Appleton, Wisconsin, and son Stuart enrolls there this fall.

**Richard F. K. Tothill, Jr.** (BA '55), Geologist for Continental Oil Company, moved from Australia to Turkey in August 1966, leaving there after six months to go to Doha, Qatar, Arabian Gulf, where he's now "hunting for oil." He hopes to return to the U.S. early in 1968.

**John M. Townley** (BS '54), Management Specialist with the U.S. Atomic Energy Commission in Las Vegas, Nevada, has received a University Fellowship from the University of Nevada and is taking a year's leave of absence to complete his Ph.D.

**John W. Trammell** (BS '59) reports "same wife, same children, same job as last *Newsletter*." John is Exploration Geologist for the Copper Range Exploration Company in Seattle, Washington.

**Mike Trant** (BS '58) is now a Pilot with Braniff International in Dallas. He is married to Virginia Hunt from Phoenix, Arizona, and they have two daughters, Terri (4) and Holly (2). Mike "strongly believes that Braniff will soon be America's No. 1 Air line in size and service."

**Jack W. Trantham** (BS '51) writes from Tyler, Texas: "Still doing consulting work and drilling a few wells. Needless to say that black, sticky stuff is hard to find. Would love to compare notes with some of my classmates, so if in Tyler give me a ring."

**Lloyd R. Travis** (BA '48), Geophysicist with Humble in Houston, reports "no change."

**Richard S. Travis** (BS '48), Partner in Travis Oil Company in Los Angeles, California, is President of the United World Federalists in Southern California. Dick says the Federalists believe in the development of international law as the only logical solution to growing world chaos and anarchy.

**Robert F. Travis** (BS '57), Geologist for Sinclair Oil & Gas Company in Houston, writes: "Since leaving school, I spent three years in the Philippines, five years with Humble as a geophysicist in Louisiana and Mississippi, and I am now enjoying my work as a geologist in the great state of Texas."

**Frank J. Tribble, Jr.** (BS '60) reports to us from Corpus Christi.

**E. L. Trice, Jr.** (MA '57) is employed as Senior Geologist for Pan American Petroleum Corporation in Midland.

**Arthur R. Troell** (BS '58) has been "studying facies relationships in Jurassic rocks of the Gulf by looking at rocks—interesting, fascinating, captivating and practical." Art is a Geologist (Stratigrapher) with Pan American in New Orleans.

**Roy W. Tronrud** (BS '40) reports to us from Dallas where he is Senior Geophysicist for the Sun Oil Company.

**Arthur J. Tschoepe** (BS '51) continues as Vice-President and Chief Geologist for the Orion Oil Company in Corpus Christi.

**G. Gilbert Tubb** (BA '46) is Geological Supervisor for Mobil Oil Corporation in Corpus Christi.

**John D. Tuohy** (BS '39), Producing Superintendent for International Petroleum Company in Talara, Peru, writes: "Work in Talara continues to go along nicely, as does

the challenge of maintaining the production of 50,000 barrels/day in this complex of small fault blocks. Have now been here twelve years, a rather long temporary assignment. Hope to get by to see the new building this summer."

**Clyde W. Turner** (BA '40), Geologist and Partner in McClure & Turner in Midland, reports no news, except that he's in the process of moving into a new home on Country Club Drive.

**Edd R. Turner, Jr.** (BA '43), Offshore Manager for Tidewater Oil Company in Houston, says his present job entails overseeing Tidewater's investments offshore Louisiana and Texas. Edd has also joined the throng in weekend farming and expects crops this year in hay, watermelons, cattle, and maybe pine trees!

**John E. Turner, Jr.** (BS '50) is Partner and Consulting Geologist in the firm of Penn, Hills & Turner in Midland.

**John T. Twinning** (BS '48, MA '54) continues as Geologist with Shell Oil Company in Houston. The Twinings are enjoying Houston with their three growing boys, Tom (11), Tedd (8) and Tim (1½).

**Page C. Twiss** (PhD '59) has returned to Kansas State University in Manhattan, where he is an Associate Professor of Geology, after spending this past year here at UT working with Professor DeFord on the Rim Rock Country, Trans-Pecos Texas.

**LeRoy J. Tydlaska** (BA '49, MA '51), Senior Geologist for Pan American Petroleum Corporation in New Orleans, is "still examining the rocks through electric probes (electric logs, etc.)." LeRoy says he hasn't walked an outcrop since 1951 and his only rocks have been under the Scotch!

**A. Knox and Katherine Archer Tyson** (BA '23, MA '24; BA '35, MA '36) continue to live in Houston where Knox is Executive Consultant for Dempsey-Tegeler & Company.

**Robert Chan Tysor** (BA '52) is Geologist for Pan American Petroleum Corporation in Houston.

**Sam M. Udden** (BS '50), District Geologist for Continental Oil Company, has moved from Lake Charles, Louisiana, back to Houston. He says he's still working offshore Louisiana!

**Jorge E. Umaña** (BA '60) continues as Chief Geologist for Instituto Costarricense de Electricidad in San Jose, Costa Rica. Jorge attended the 1st Congress of the International Society of Rock Mechanics in September 1966 and presented a paper, "Geological Explorations for a Dam Site." He

has also joined the Association of Engineering Geologists.

**James R. Underwood, Jr.** (MA '56, PhD '62) has resigned from the University of Florida to go to West Texas State University in Canyon as Associate Professor of Geology. Last year Jim was Secretary-Treasurer of the Southeastern Geological Society and co-editor of the guidebook for the 13th Field Conference. He will attend the NSF seminar on Rock Mechanics in July at Boston College. The Underwoods have two daughters, Marion (2½) and Ann (1).

**Winston H. Upshaw** (BS '57) is living in Palestine, Texas, where he is Field Representative for the Social Security Administration. Winston has been with the government for over six years, having worked in Houston, Longview and Baltimore before coming to Palestine. Prior to that he worked three years with Gulf Oil Company in the Permian Basin. The Upshaws have two children, ages 7 and 8.

**Charles B. Upton** (BS '57) is a Secondary Biology and Earth Science Teacher in Moriarty, New Mexico. He writes: "I enjoy teaching more every year. Received my second NSF summer institute grant at New Mexico Highlands so expect to have another summer studying in the cool mountains Louree and I now have two sons: Malcolm (2) and Oren (7 months). We are planning on building a new rock home."

**Robert D. Valerius** (BS '59) continues working as a Geologist in the Exploration Department of Tenneco Oil Company in Corpus Christi. The Valerius' have a son David (6), a daughter, Kathy (3), and a ? ? (four months & counting!).

**Charles D. and Eloise Faulkner Vertrees** (BA '23; BA '22) are still enjoying life in Midland. Eloise says part of that pleasure is spoiling two small granddaughters who live there. The Vertrees' other son, Ralph, lives in Austin, so they don't get to "spoil his two children as often."

**Charles D. Vertrees, Jr.** (BS '51) reports his main item of news is the change in company affiliation from Continental Oil Company to Sun Oil Company. Charles is Geologist for Sun in Midland.

**Harry A. Vest** (MA '59) writes that he and Zoe are the proud parents of a baby boy, Steven Andrew, born January 28, 1967. Harry says it looks like he may be a future UT basketball player! The Vests hope to get back to Austin this summer for a short visit.

**James R. Vettters** (BS '51) writes: "After eleven years in Corpus Christi (hometown) moved to Houston in mid-1966 into Tenneco Oil's International Division (as Re-

gional Geophysicist-Overseas); presently assigned to Australia and other Eastern areas working out of Houston."

**Robert B. (Bob) Vickers** (BS '47), Independent Geologist in Abilene, Texas, says his work is continuing as he puts together oil deals and, hopefully, sells them! Bob's daughter, Joanne, was married last Christmas after graduating from Texas Tech (she did get in 1½ years at UT). His younger daughter, Rolla Sue, plays on the tennis team for Cooper High School.

**Felix V. Vinklarek** (BS '43) continues as Supervisor, Joint Venture Section, for Standard Oil Company of Texas in Midland. The Vinklareks had an addition to the family, a baby girl, born April 27, 1966, "who was welcomed by her two older brothers, ages 15 and 13." Felix is continuing in Sophomore League Baseball and is "looking forward to a great year."

**Morty C. Vinson** (BS '51) has resigned as Division Geologist for Mobil Oil Corporation to join the firm of Burford & Sams, Oil Operators, as a Partner. Their offices are in the Mackey Building in Midland.

**Curry H. Vogelsang** (BS '60) continues as an Associate Attorney with Eggers, Sherrill and Pace in Wichita Falls, Texas.

**William Travis Votaw** (BS '59), District Manager for Houston Natural Gas Corporation, has moved from Silsbee, Texas to Beeville.

**William Vrana** (BA '39), Independent Petroleum Geologist in Corpus Christi, is "continuing exploration for oil and gas in South Texas." Bill's older son, Larry, graduated from Ray High School this year, and his younger son, Randy, enters Ray next fall. Bill says both boys enjoy water skiing during the summer months.

**Martin James Wachel, Jr.** (BS '56) is Advanced Production Engineer for Skelly Oil Company in Velma, Oklahoma. He is working in the Reservoir Engineering Section and is involved in lease evaluations, secondary recovery studies and primary production operations. His wife, Jean, continues as a draftsman at Halliburton's Research Center in Duncan. Martin says he certainly enjoys the *Newsletter* every year (which pleases us no end!).

**Don E. Wade** (MA '54), Geologist for Gulf Oil Corporation, has been transferred from Midland to Pittsburgh, Pennsylvania.

**Robert B. Waggoner, Jr.** (BS '56), Owner of R. B. Waggoner & Associates, has moved his offices from Worthington, Ohio to Mt. Gilead, Ohio. Bob says "continued personal interest and activity in Trempealeau exploration and development in Morrow County, Ohio dictated the move." He is also active in Indiana, Kentucky, and a large

part of the Appalachia Area. Bob says "have microscope and geoscope—will travel."

**T. J. Waggoner III** (BA '57), General Partner in Waggoner Properties in Wichita Falls, Texas, writes: "I am active in exploration in several parts of the country and have paid particular attention to the Arkoma Basin in recent years. Always enjoy the opportunity to see other Texas Exes. Still looking for 'the big one.'"

**Lloyd O. Waldron, Jr.** (BS '50) continues as Chief Geologist for T. L. James & Company in Ruston, Louisiana. Lloyd says the fishing is mighty good over there, and so is oil and gas hunting!

**Charles O. Walker** (BS '59) is a physician and a Lieutenant in the U.S. Navy Medical Corp. He is currently aboard the *USS Sanctuary*, a naval hospital ship stationed in Viet Nam. After this tour in March 1968 he will complete his third year of internal medicine. His wife and children, ages 8, 4 and 2, are living in Irving, Texas.

**Hershel (Huck) Walker** (BS '50), Senior Production Geologist with Mobil Oil Corporation in Corpus Christi, writes: "I am now in my sixth year with Mobil and production geology and enjoying both very much. Looking forward to return to Austin to visit old friends and the new Geology Building."

**J. Dudgeon Walker, Jr.** (BS '51, MA '55) writes to us from Houston that he's "active about 90% in commercial and development real estate and about 10% in geology and other activities." Dudgeon says he's interested in keeping in touch with all the other Geology Alumni.

**Gus Walla** (BS '49) is Geologist for Wesley West, Independent, in Houston.

**Frederick B. Wallis** (BS '41) continues as Division Geophysicist for Texaco in Midland. Fred reports that things are about the same there and that he's anxious to see the new Geology Building.

**Jack L. Walper** (PhD '58), Associate Professor of Geology at TCU in Fort Worth, writes: "Continued studies in Central America has taken me to Honduras last summer and another trip to do field work is being planned for next spring semester in order to take advantage of the dry season. This summer will combine a trip to EXPO '67, Canada's centennial, completion of some Arctic research and attendance at the International Symposium on the Devonian."

**Virgil A. Walston, Jr.** (BS '60) is employed as Geologist with Esso Standard Libya in Tripoli.

**Joseph C. Walter, Jr.** (MA '51) is an Independent Geologist and Petroleum Engineer in Houston.

**Bernie H. Ward** (BA '55) left Humble two years ago to go independent. He is a Petroleum Geologist in Tyler and has three children: Tres (9), Michael (5) and Alice Keith (2). Bernie says Tres is becoming a rockhound and asks if he should encourage him. (By all means, Bernie!)

**William C. (Bill) and Kathy Agnew Ward** (BS '55, MA '57; BA '57) are now living in Houston. Bill is on leave from Humble working on his Ph.D. at Rice. He reports he's enjoying school again after nine years and plans to spend the summer working on the carbonates along the northeast coast of Yucatan. Kathy is "supporting the family" by teaching eighth grade science and math, and keeps "busy" taking education courses at the University of Houston at night, and taking care of three children and a husband!

**Ralph H. Warner** (MA '61), Review Geophysicist with Chevron Oil Company in Lafayette, Louisiana, writes: "Recently transferred from Exploration to Geophysics Department. Still with Calco and finishing up our fifth year in Lafayette. Family unit maintaining same status: same wife, Marilyn and two children, Kim and Brian. Still looking for the exploration break-thru that will unveil all that oil in Central Texas."

**L. Coy Warren** (BS '48) continues as Exploration Geologist and Vice-President of Laco Oil Company in Abilene, Texas.

**Joel S. Watkins** (PhD '61) is "still slugging along with Apollo seismic instrumentation but this year under the auspices of a post-doctoral appointment at MIT." Joel says New England is surely different from Texas. (We've just heard that Joel will join the geology staff at the University of North Carolina this fall.)

**Bill Dean Watson** (BS '58) is now District Representative for Sperry-Sun Well Surveying Company and has been transferred from New Orleans to Corpus Christi. Bill says his children now number four!

**Joseph D. Watzlavick** (BS '41) is a Consulting Geologist in Bellaire, Texas.

**John Rex Wayland** (BS '50) writes that "exciting, frustrating, irritating, and quite often revealing, is the only way to describe teaching in a junior high school in the center of the 'poverty' area of a South Texas town." John is teaching in the Ella Barnes Junior High School at Corpus Christi.

**Oscar D. Weaver** (BA '47, MA '47) is President of Weaver Oil & Gas Corporation with offices in Bradford, Pennsylvania and Fort Worth, Texas. His activities are concentrated in the Appalachian Basin at present and his recent publications involve the revival of old, shallow oil areas around Titusville and Bradford, Pennsylvania.

**W. Carlton Weaver** (BA '32) is an Independent Oil & Gas Producer in Corpus Christi. He and Dele and their son, Jim, made the Flying Longhorn trip to Scandinavia, France and England last summer with the Texas Exes. They crossed the Scandinavian countries by rail and boat, and Carlton says the geology and scenery was terrific.

**James A. Webb** (BA '30), President of the Pozo Corporation in Dallas, has also assumed presidency of the Tal Vez Petroleum Corporation, Coronado Oil Company and Pozo Grande, Inc., during this past year.

**James D. Webb** (BS '52) writes: "Have same job, same wife and live in same town since last *Newsletter*. Increasing number of children to five soon." James is District Geologist for Monsanto Company in Midland.

**Sam N. Webb** (BA '38, MA '42) reports to us from Houston where he is an Independent Consultant. Sam writes: "A fourth grade pupil wrote on the origin of oil—'From 500 million BC to 10 million BC, everybody got busy turning into oil. In those days there was not much else to do.' The second sentence of this sage explanation pretty well describes a Consultant's duties these days."

**Gerald E. Weber** (1962-64) is teaching seventh grade math in Bakersfield, California. Gerald says he hopes that important decisions such as the turning on and off of the T.V. sets in the labs are still the first point of order in T.A. meetings!

**Nelson E. Webernick** (MA '52) continues as Senior Staff Geologist for Marathon Oil Company in Findlay, Ohio.

**Albert W. Weeks** (PhD '41) retired as Staff Geologist from Sun Oil Company in December 1966 and now has a consulting office at Merion Station, Pennsylvania. His geological interests are worldwide and he has given talks illustrated with kodachrome slides on the "Athabasca Oil Sands" and "The Hunt for Oil" before technical and non-technical groups. His wife, Alice, is Chairman of the Department of Geology at Temple University (Philadelphia), where this year around 1130 students are enrolled in courses in Geology. Alice is also President of the Philadelphia Geological Society.

**Charles G. Weiner** (BA '48), Partner in the Texas Crude Oil Company in Houston, reports they find themselves looking for oil in the farthest corner of the world with Great Excitement, Great Enthusiasm, and Great Expectations!

**George E. Welder** (BS '49), Geologist with the USGS, was recently transferred from Cheyenne, Wyoming, to Roswell, New Mexico.

**James L. Wells** (BS '59), Captain in the U.S. Army, returned from Viet Nam last July and is currently Base Transportation Officer, Killeen Base, Texas. He hopes to return to civilian status soon.

**Lloyd C. Wells** (BS '54) is working as part of the civilian staff overseeing data processing throughout the Army. Lloyd is Digital Computer Systems Administrator, U.S. Army Automatic Data Processing Directorate, in Washington, D.C.

**Arno P. Wendler** (BA '29, MA '32, PhD 34) has been transferred from Esso Production Research to Humble's Exploration Department as Assistant Chief Geophysicist in charge of geophysical interpretation.

**Arthur J. Wessely** (BS '50) continues as a Partner in Wessely Petroleum, Ltd., in Dallas.

**John S. Westromeland** (BS '59) lives in Waco, Texas, where he is the Distributor for Belton Electronics Corporation Hearing Aid Division in Central Texas. John says they have no new additions, and that geology is a hobby now.

**Ray F. Weston** (BS '49, MA '51) continues as a Geophysicist for Brazos Oil & Gas Company in Houston.

**James A. Wheeler** (BA '47), Consulting Geologist in Houston, is "still active in the search for petroleum; success has been measured by drops of oil!" The Wheelers have two girls, one a junior at SMU and the other a junior in Houston's Memorial High School.

**O. C. Wheeler** (1916-21) writes to us from Coral Gables, Florida: "During the past six months had the great pleasure of short visits with Slim Barrow and Mose Knebel, both UT geology friends of about fifty years standing—half a century! Also with Morgan Davis, another long-time friend of almost as long, and his son, Morgan, Jr., a fine young geologist who spent several years with the company of my former connection. Am now planning to spend some time in New England this summer and also a short time in New Brunswick."

**Albert W. (Al) White** (BS '41), Independent in Wichita Falls, is working on his Master's in accounting at North Texas State University.

**David J. White** (BS '41) reports enjoying working in the subsurface disposal program and conducting contamination investigations for the Texas Water Development Board in Austin. David is a Geologist in their Ground Water Division and says Austin is a very pleasant place to live.

**Hugh G. White III** (BS '52, BA '54), Exploration Geologist for Union Oil Company of California in Midland, reports the birth of another boy, William, on October 6, 1966.

**James Gordon White** (BS '36) resigned from the Reynolds Mining Corporation and moved from Houston to Corpus Christi in August 1966 to enter consulting work. He was elected first President of the Corpus Christi Area Chapter of the American Society for Oceanography in April 1967. He and Kay have a son, James, Jr.—a writer in Hollywood, and a daughter.

**Jane Brite Dunkle White** (BA '46) writes from Marfa, Texas, that their daughter Hester is a UT student now and she hopes to be in Austin soon to see the new building.

**Rex H. White, Jr.** (BS '56, MA '60) is currently attending UT Law School and maintaining some consulting petroleum work. He expects to receive his L.L.B. this summer and get back to the business of drilling wildcats (he hopes!) His wife, Joan, whom he married in 1966, is from Pennsylvania.

**Ben. T. Whitefield** (BS '60) is Division Landman for Daheota Production Company, Ltd., in Calgary, Canada.

**Charles D. Whiteman, Jr.** (BS '58) is Hydrologist with the USGS in Baton Rouge, Louisiana.

**William Ray Whitley** (BS '51) writes to us from Fort Worth, Texas. Ray is Housing Counselor for the City of Fort Worth.

**Fred L. Whitney II** (BS '43) sends greetings and best wishes to all old classmates from Boulder, Colorado. Fred is President of Epicenter, Inc., with offices in Brighton, Colorado.

**Marion I. Whitney** (BA '30, MA '31, PhD '37) continues as Associate Professor at Central Michigan University in Mount Pleasant. Marion has had two articles published recently and will have a third one out shortly. One of them, "Echinoids of the Glen Rose Limestone of Texas," was published in the *Papers of the Michigan Academy of Science, Arts and Letters*.

**Robert B. Wightman** (MA '53) has been transferred by Humble from New Orleans to Houston. Bob is now Division Geologist, East Texas Division.

**Morris S. Wiginton, Jr.** (BS '59), Structural Design Engineer for Foster Wheeler Engineering Company in Houston, writes: "Am still designing petro-chemical plant structures, etc. and enjoy the work very much. Older daughter has moved to Denver, Colorado, working and planning to learn to ski. Two others still at home. Am happy for new geology majors and their new building as well as for the faculty."

**Roscoe C. Wilber, Jr.** (BS '37), Seismic Supervisor for Independent Exploration Company of Houston, has been assigned to an interpretative office in New Orleans. After

fourteen years of traveling, more or less, he's enjoying being at home. His son, Roscoe II, is in the U.S. Army, and his daughter Ethelyn graduated from UT's School of Nursing in June 1967.

**William P. Wilbert** (MA '63) is an Instructor in Geology at LSU in New Orleans. Bill is currently involved in mapping Sierra de la Paila, Coahuila, Mexico, "financed by NSF during summers."

**John D. Wiley** (BS '52), Staff Geologist for Aztec Oil & Gas Company in Dallas, says he enjoyed seeing many old friends at AAPG in Los Angeles.

**Michael A. Wiley** (BS '57, MA '63), Geophysicist on leave from The Atlantic Richfield Company, is here at UT working on his Ph.D. Mike reports he's still single and that he will be spending the summer working in Mexico.

**Richard A. Wiley** (BS '42) is employed as Geologist for Amerada Petroleum Corporation in Lafayette, Louisiana.

**Addison A. Wilkinson** (BS '56) continues as District Geological Engineer for Tenneco Oil Company in Shreveport, Louisiana.

**Joel M. Wilkinson** (BS '58) moved to Houston last October to open an office for the Rock Island Oil & Refining Company, Inc. Joel is their Gulf Coast Representative. He and Margot have two children, Mark (5) and Ann (1). He says they're delighted to be back in Texas after a six year stay in New Orleans!

**Arthur B. Williams, Jr.** (BS '53) has returned to the U.S. after spending almost three years in Southeast Asia. He will be stationed in Washington, D.C., with the U.S.A.F. (AFISIAA) as Investigator.

**Carroll L. Williams** (BA '36) is in Humble's Exploration Department in Corpus Christi.

**Clyde E. Williams** (BS '56), Geologist with Humble in Tyler, reports he had a nice trip into the Bahamas and Florida Keys to study recent carbonate sedimentation this past fall and that it was "real rewarding."

**Dan W. Williams** (BS '56), after three years in London working on North Sea gas exploration, is preparing to go to Abu Dhabi and "look for some oil." Dan is Chief Geologist for Phillips Petroleum Company Abu Dhabi.

**J. Richard Williams** (BS '50), Area Geologist for Standard Oil Company of Texas in Midland, writes: "Only changes in last several years include age and office moves. I feel like a native of Midland and am thoroughly enjoying living here. Wife and three children are fine."

**Jim R. Williams** (BS '49) is employed as Geophysicist by Standard Oil Company of

Texas in Midland. Jim joined Standard in 1955 and moved to Midland in 1964 after "doodlebuggin'" most of the Mid-Continent and Rocky Mountain States and a two-year tour in Canada. The Williams have three girls and a boy.

**John B. (Jack) Williams** (BS '43) has been elevated from Chief Geologist to Manager of Exploration (Domestic) by Texas Eastern Transmission Corporation in Houston.

**Joseph D. Williams** (BS '60) returned to Austin about a year ago after spending three years in the Bureau of Ships in Washington, D.C. as a contract employee for TRACOR. Joe is now Engineer-Scientist with TRACOR here in Austin. The Williams have a boy, Del (6½) and a girl, Mary Joe (2½).

**Mark Williams** (BS '50) continues as Geologist for James F. Smith in Amarillo, Texas. Mark has been with Smith for five years and reports they're operating mostly in the Anadarko Basin and "finding a little dab of gas and oil."

**Meryl D. Williams** (BA '43) is a Geologist with Texaco in Midland. His daughter, Sandra (UT '65), is married to J. J. Jaros (UT '63) and lives in San Diego, California. His son, Ronnie, is presently a junior at UT.

**Duncan C. O. Wilson, Jr.** (BS '50, MA '51) reports "no news" from Fort McKavett, Texas.

**Homer C. Wilson** (BS '42) left Sinclair Petrochemicals, Inc. and joined Celanese Chemical Company in October 1966. He has been appointed Manager of their new plant, now under construction, at Clear Lake City, Texas. Homer will be responsible for the development of customer-oriented operation for the new plant.

**John E. Wilson** (BS '50, MA '51) continues as a Consulting Geologist in Houston.

**Louita Dodson Wilson** (BA '40) arrived in Austin in June 1966 from Australia to put their children in American high schools. She is attending UT as a graduate student in anthropology. Louita says it's great to be back in Texas and especially in Austin and the University!

**William F. Wilson** (BS '60, MA '62) writes from Midland: "After working six years for two major companies (Texaco, Inc. and El Paso Natural Gas Company), finally set up my own business as an independent. My work is concentrated on the deep exploration in the Delaware Basin of West Texas."

**W. W. Wilson, Jr.** (BS '40) reports the "same old thing" from Abilene, Texas, where he is an Independent Oil Operator.

**Wynant S. Wilson** (1943-53), Independent Geologist in Abilene, Texas, reports his No. 1 son, Joseph C., is now five years old and No. 2 son, Derrick S., is one year old. He and Judy are both fine and are observing first hand Texas Drought 1966-73.

**James M. Windham** (BS '40) is President of Windham & Sons, Inc., in Livingston, Texas. His daughter Judy is now a sophomore at UT, having transferred from Stephen F. Austin College. Son J. M., Jr., graduated from UT in 1965.

**Claude Victor Winter** (MA '51), Unitization Geologist with Humble in New Orleans, writes: "My family is well and happy and unitization geology keeps me plenty busy. Last summer Bettie and I farmed out the kids to the in-laws and joined the Deutsch Texanischer Saengerbunds annual trip to Germany. There we rented a VW and toured central Europe for four weeks. We'd sure like to do it again!"

**Irwin T. Winter** (BS '53) is an Industrial Engineer with Security Engineering Company in Dallas.

**Jan A. Winter** (PhD '61) continues as Regional Geologist for Signal Oil & Gas Company in London, where he's been for the past 2½ years. Jan reports their house is practically rebuilt and that the geological horizons broaden away from the North Sea. The Winters hope to spend some time this summer in the Appenines of Italy.

**George G. Wise** (BS '50) reports to us from Houston where he is an Independent Consultant.

**Helen Patterson Withers** (BA '40) says she has "nothing new to report." Helen is Geologist with the USGS in Washington, D.C. and makes her home in Bethesda, Maryland.

**Van E. Wittner, Jr.** (BS '60) is "practicing law and trying to help those Texas exes with legal problems while Laure and I continue to enjoy Houston." Van is an Attorney with Engel & Groom.

**Murry Victor Witzel** (BS '50) is a Geologist with the Cockrell Corporation in Houston.

**Harlan R. Wolff** (BS '60) is Plant Superintendent and Production-Mining Engineer for D'Hanis Brick & Tile Company in D'Hanis, Texas. Harlan says he's staying busy farming and ranching for his hobby.

**James A. Wolleben** (PhD '66) is now an Assistant Professor at the University of Missouri in Columbia. He and Margarita spent a delightful summer in Mexico in 1966 and hope to spend the next two summers in Saltillo. They extend an invitation to their friends to drop in and see them if they're south of the border during the summer!

**Jim F. Womack** (BS '54) continues as Geologist for Union Producing Company in Jackson, Mississippi.

**A. Wayne Wood** (BA '41), Vice-President of Blanco Oil Company in San Antonio, writes: "Very little to report about me. Our company has operations in nine states and is now expanding into Canada, so it means lots of travel. Hope to find long-lost classmates on some of these jaunts!"

**Robert Libbey Wood, Jr.** (BA '56) continues as Manager of the Crude Oil Department for Coastal States Gas Producing Company in Houston.

**Ray D. Woods** (BA '31, MA '34) reports "no new earth-shaking news" from Houston. Ray is Assistant Chief Geologist for Humble.

**John Frank Woodward, Jr.** (1950-51), Independent Geologist in Alpine, Texas, writes: "Now operating the ranching and mining properties, mineralogical supply business, serving as igneous consultant to several in the West Texas area. Would welcome all old friends to drop by the headquarters, located fourteen miles south of Alpine on Highway 118, and shoot-the-breeze!"

**Thomas C. Woodward** (PhD '55), Consulting Geologist in Casper, Wyoming, has been associated with Wold & Jenkins there in Casper looking for coal deposits in the Northern Rocky Mountains and working on oil deals on his own.

**Thomas J. Worington** (BS '51), District Geologist for Superior Oil Company in

Houston, reports they're starting on their second year in Houston, having moved there from Tyler. Their son, Mike (14), is a freshman at Memorial High and their daughter, Holly (9), is in the fourth grade.

**Charles F. Word** (BS '37), Independent in Conroe, Texas, reports he now has no more children at home! One daughter graduated from UT this past June in archeology and another enters UT as a freshman in the fall. His oldest daughter is married and has two sons. Charles is currently working in South Louisiana and the Gulf Coast Salt Domes.

**Charles E. Workman** (MA '61) is a Lieutenant Commander in the U.S. Navy and is Computer Meteorologist at the Fleet Weather Central NAS in Alameda, California. He is currently working in weather forecasting for optimum track ship routing of naval vessels crossing the Pacific Ocean. The Workmans have three sons, ages 7, 3 and 2.

**John B. Wright** (MA '56) continues as a Geologist with Shell Oil Company in Houston.

**Phil E. Wyche** (BS '51) is District Exploration Geologist for Gulf Oil Corporation in Houston.

**J. R. (Bob) Wynne** (BS '57) writes from Corpus Christi: "Left Humble in February 1966 and opened offices in Corpus as an independent. Not rich, but I've never been happier or felt better. My advice to your graduates—go with smallest company possible and learn everything you can, maintain your individuality and your sanity."

**R. Gene Yarbrough** (BS '50) continues as Manager of Exploration for the Three G Oil Company, Inc., in Wichita, Kansas. Gene says "three boys and two dogs are more than a match for the old man!"

**John C. Yeager** (MA '60), Geologist for Union Oil Company of California in Los Angeles, writes: "Have been in Los Angeles since March 1966 and like it fine. Russ (4) and Adrienne (3) are into everything, with Sandra busy working on a house we bought in Arcadia in December. Enjoyed seeing all the UT exes at the AAPG National Convention in April."

**James L. Yelvington** (BS '51) is Geologist with Amerada Petroleum Corporation in Oklahoma City. He writes: "Keeping very busy as Amerada is very active in this district. Wife Jean is busy with PTA, Girl Scouts and the Republican Party. Daughter Carol is getting married in late summer, and daughters Priscilla and Melinda are doing great in school."

**William C. Young III** (BS '61) reports no changes in family status. Bill is Engineer with Standard Oil Company of Texas in Snyder, Texas. He says his leisure hours are spent sailing their new Flying Scot, "Suds."

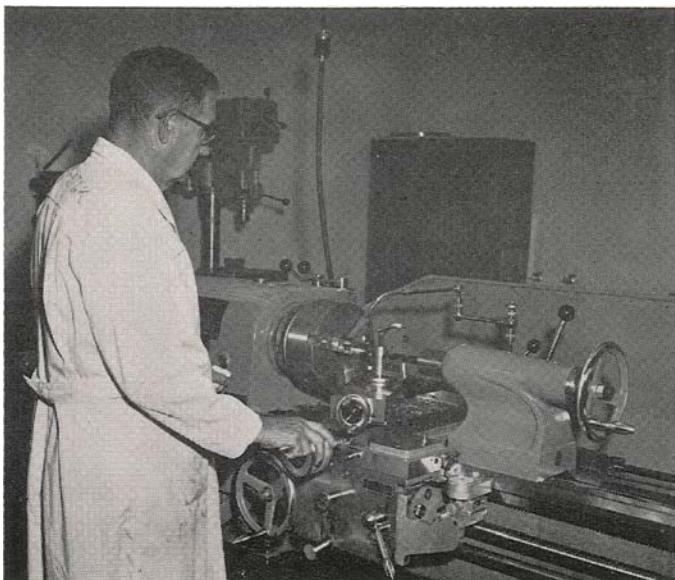
**James B. Zimmerman** (MA '50) continues as Geologist-in-Charge, University of Texas Lands, in Midland. Jim says they hope to begin construction on a building in Midland at the corner of "B" and Wall Streets, and he wants everyone to come by and have a look! West Texas Oil has now pushed the University Permanent Fund close to a half billion!

## NOTE TO ALUMNI!

We want to express our thanks to all of you who returned the "cards" to us; it made this section possible. And we hope that you've enjoyed reading about other alumni as much as we did when we prepared the copy. It was fun! To those of you, who for one reason or another, didn't send in a card—please do so next year, won't you?

We also hope that you've enjoyed reading about the new building. It's really terrific and we want all of you to see it. If you possibly can, do come to the dedication of the building. You won't regret it!

Truman Stewart, Instrument Maker, in the machine shop in the new building.



## PROGRAM OF THE DEDICATION OF THE NEW GEOLOGY BUILDING

AND A SYMPOSIUM:

*"Limitations of the Earth—A Compelling Focus for Geology"*

The University of Texas at Austin

November 16–17, 1967

*Thursday, November 16*

ENVIRONMENTAL LIMITS, Geological Restrictions on Biological Systems

*9:00 a.m. to noon*

1. Opening Remarks: *Role of Geological Concepts in Man's Intellectual Development*.... James Gilluly,  
Member, National Academy of Sciences;  
formerly Geologist, U. S. Geological Survey.

2. *Consequences of Man's Alteration of Natural Systems*..... Robert Legget,  
Past President, Geological Society of America.

3. *Earth's Tolerances for Wastes*..... P. H. McGauhey,  
Director, Sanitary Engineering Research  
Laboratory, University of California, Berkeley.

*Noon: Informal Luncheon*

*2:00 to 5:00 p.m. Symposium (continued)*

4. *Population, Food, and Environment; Is the Battle Lost?*..... Paul R. Ehrlich,  
Professor of Biology, Stanford University.

5. *Energy Sources, A Time of Transition*..... Charles Jones,  
President, Humble Oil and Refining Company.

6. *Geological Information for Managing the Environment*..... John Frye,  
Director, Illinois Geological Survey.

8:00 p.m. Dinner

Toastmaster: Carey Croneis, Chancellor, Rice University.

Speaker: Richard Jahns, Dean, School of Earth Sciences, Stanford University: *Geologic Hazards*.

*Friday, November 17, 1967*

9:00 a.m. to 10:00 a.m. FORMAL DEDICATION OF GEOLOGY BUILDING

Presiding: Frank Erwin, Chairman, Board of Regents, The University of Texas.

Introduction of Guests.

Address: The Honorable Stewart Udall, Secretary of the Interior.

10:00 a.m. to noon Symposium (continued) MINERAL RESOURCE LIMITS

7. *Raw Materials Unlimited* ..... Alvin Weinberg,  
Member, National Academy of Sciences;  
Director, Oak Ridge National Laboratory.

8. *Realities of Mineral Distribution* ..... Preston Cloud,  
Member, National Academy of Sciences;  
Professor, University of California, Los Angeles.

Noon: Informal Luncheon

2:00 to 4:00 p.m. Symposium (continued)

9. *Metal Supplies, A Test of Capability* ..... Thomas Lovering,  
Member, National Academy of Sciences.

10. *Searching Out Resource Limits* ..... William Pecora,  
Director, U. S. Geological Survey;  
Member, National Academy of Sciences.

## DEDICATION OF THE NEW GEOLOGY BUILDING

### AND A SYMPOSIUM:

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### *SYMPOSIUM*

This will be held on Thursday and Friday, November 16–17, 1967. For the complete program, please see inside back cover of this *Newsletter*.

### *DEDICATION CEREMONIES*

The formal dedication of the new Geology Building will be held on Friday, November 17, 1967, 9:00 a.m. to 10:00 a.m. The Honorable Stewart Udall, Secretary of the Interior, principal speaker, will give the dedication address.

### *BANQUET*

The banquet will be held at 8:00 p.m. on Thursday, November 16, 1967, at the Westwood Country Club.

### *FOOTBALL*

There will be an afternoon football game between Texas and T.C.U. on Saturday, November 18, 1967.