Nominees For 1984 AIPG Officers

Six Members have been nominated for the three AIPG 1984 Officer vacancies. The Executive Committee has accepted and approved the nominees and their names will be on the ballot this fall for the 1984 elections.

For the office of President-Elect next year, Gary E. Melickian, Bethesda, Maryland, and Ernest K. Lehmann, Minneapolis, Minnesota, have been nominated. The nominees for 1984 Vice President are: Elisabeth (Guerry) Newton, McLean, Virginia, and Charles Mankin, Norman, Oklahoma.

Nominated as candidates for Institute Secretary-Treasurer next year are Richard J. Anderson, Columbus, Ohio, and Bruce M. Barron, Santa Ana, California.

The post of AIPG Secretary-Treasurer carries a two-year term. Background biographical information and photos of each of these candidates will appear in the next issue of TPG.

M.O. Turner, the Institute’s 1982 President, served as Chairman of this year’s nominating Committee. Other members of the Committee were John A. Taylor and Doris M. Curtis.

Davis Chairs “Geologic Hazards” Committee

James F. Davis, State Geologist of California, will head the effort to produce an AIPG position paper on “Geological Hazards.” President Larry D. Woodfork announced that Davis is forming an ad hoc Institute committee/task force to draft such a paper.

The topic “Geological Hazards” covers the gamut of such phenomena—land failures of all sorts (landslides, mudslides, expansive clays, subsidence, etc.) The approach and format will be similar to AIPG’s “Groundwater” paper. The document will be targeted for an intelligent, general lay audience with no special knowledge of geology, such as legislators, planners, etc. The topic will be developed in a general but sufficiently detailed manner as to point out the nature of the problems involved and their magnitude, geologists’ appropriate role in addressing them, and the Institute’s recommendations and/or position on how to best address the issues.

The committee will consist of members with proper expertise, selected to represent all facets of the profession—government, academia and industry. Those interested in volunteering should write or call Davis.

Section Reg & Leg Committees Formed

For the first time in the Institute’s history every one of its 37 Sections had designated a Member to serve as 1983 Chairman and has formed a Section Regulatory and Legislative Committee. Through the years some Sections—but never before all—have had active Reg & Leg Committees.

With these Chairmen and their state committees now in place, AIPG at long last has a “quick response network” which may act on legislative/regulatory alerts sent to them by the Executive Committee, Executive Director, Washington Representative, Legislative Counsel, or national Governmental Affairs Committee.

In addition, the new structure now provides a ready “pipeline” from the Institute’s “grass roots” up to its national leadership on federal issues of concern to Sections.

1983 Reg & Leg Committee Chairmen appointed are: Roy Guess (Wyoming), Robert Morton (Texas), Jeffrey M. Yarus (Colorado), Henry N. McClure (Alabama), George Bain (Carolina), Edward P. Murphy (Dakotas), Charles Spiers (Georgia), William E. West (Hawaii), Terry S. Maley (Idaho), John R. Richard (Kansas), Terry L. Sole (Kentucky), William Cranoble (Montana), William E. Nork (Nevada), O. Jay Gatten (Utah), Will A. Thomas (Washington), William J. Wayne (Iowa, Nebraska), Jim McCaslin Brown (Alaska), Joseph Shearer (Arizona), Charles J. Hoke (Arkansas), William A. Adent (California), George H. Davis

1983 Membership Directory Mailed

AIPG’s 1983 Membership Directory listing all Members and Associates in alphabetical order and by geographical location has been produced and mailed.

The publication, revised and expanded, is also cross-indexed by Member Geologic Specialty Codes.

Copies were mailed to all Members and Associates by Headquarters May 26th. Copies were also distributed to selected colleges and universities, libraries, federal and state government agencies and business firms. Additional copies of the 1983 Directory are available for purchase from Headquarters at $15.00 per copy, postpaid. Call or write.

About This Issue Of The TPG . . .

This TPG is the largest single issue produced in some years. The amount of copy reflects the high level of activity presently going on within the Institute—at both Section and National levels.

At their last meeting the Executive Committee, reflecting the expressed wishes of many interested Members, O.K’d more budget dollars for the TPG this year so that pages (or entire issues) would not have to be cut.
Executive Committee Actions Reviewed

The 1983 AIPG Executive Committee held its first meeting of the year at Headquarters January 15th. Actions taken during this meeting included:

- Accepted the 1982 Tellers Committee report that the proposed Restated Constitution and Bylaws had been approved by the Members voting.
- Approved selection of the firm of Wurtele, Probst and Sanford, Certified Public Accountants, Arvada, Colorado, to conduct the audit of 1982 Institute financial operations at a quoted cost of $5,000.
- Authorized a budget for 1983 Institute operations totaling $321,628 with expenses not to exceed income. This “balanced budget” to support a solid program of services while preserving AIPG’s existing financial reserves.
- Called on The A.I.P.G. Foundation to repay half of its $12,662 loan from the Institute; extended the balance to March 1, 1984; and, entered into a new agreement for reimbursement of costs.
- Rejected a Member Services Committee suggestion that a “Consultant’s Council” be formed.
- Heard a report from the Executive Director that the Institute’s exclusive program of low cost group professional liability insurance would be offered to Members within 30 days.
- Approved an Educational Affairs Committee request to survey college/university Geology Department heads on proposals for providing an AIPG evaluation service and/or preparing and maintaining a list of approved departments.
- Approved formation of an Ad Hoc Committee to prepare an Institute position paper on Geologic Hazards.
- Adopted the policy that upon written request of a Member, any non-confidential paperwork in the Member’s file may be copied and mailed to the member but not to any third party.
- Waived the Application Fee for Associates applying for Membership.
- Approved an expanded Institute Public Relations program for 1983 and beyond.

Executive Committee Makeup Proposals

At its April 30th meeting the Executive Committee considered proposed amendments to AIPG’s Constitution and Bylaws “to increase the number of Advisory Board delegates to the Executive Committee from four to six,” and to make Executive Committee representation geographical in nature. Both proposals were referred to a special ad hoc committee for further study. A recommendation is to come from that group back to the Executive Committee for action at its July meeting.

“CPG” or “CPGS” Discussion Continues

A number of Members have written or called regarding the suggestion that the Institute amend its Constitution and Bylaws to revert to “Certified Professional Geologist” (CPG) from the present “Certified Professional Geological Scientist” (CPGS) designation. Responses have been running 10 to 1 in favor of going back to CPG designation. You are urged to let President Larry D. Woodfork know how you feel about this.

In related developments, the Executive Committee has approved a special study on this question. An ad hoc committee will give their report at the next Executive Committee meeting.

Also, Executive Director Vic Tannehill has been authorized by the Executive Committee to go ahead with the federal trademarking of both the “Certified Professional Geological Scientist” and “Certified Professional Geologist” titles. Tannehill comments: “As it stands right now, any individual could call himself or herself a “Certified Professional Geological Scientist” and AIPG would be powerless to stop them. A state, upon passage of legislation, could designate anyone who meets their “standards” a “Certified Professional Geological Scientist” and we could not prevent it.

“This is obviously not a good situation for the Institute. We are really dealing here with trade name protection. Membership in the Institute, which grants the license to use the title “Certified Professional Geological Scientist,” must be protected for the good of the public and at the same time for the legitimate economic benefit to the holders of “CPGS.” If we trademark, then boards registering or licensing geologists could not use “CPGS” and neither could non-members. If they did, we would have good cause for legal action against them.”

“Ground Water” Paper Being Printed

The Institute’s publication on “Ground-Water Resources” is now being printed and should be available for distribution within a few weeks. The booklet was prepared by an AIPG ad hoc committee of groundwater experts under the chairmanship of George B. Davis.

The booklet will help provide policy makers, legislators, and the general public with information groundwater resources—both their potential and limitation—so that they can be managed in the best long-term interest of the Nation.

Production of “Ground-Water Resources” was made possible in part by a grant from The A.I.P.G. Foundation.

Section Dues Returned in Record Time

Section dues collected from Members and Associates were remitted back to the Sections by Headquarters April 10th. That marked the earliest date ever that Sections were paid their amounts owed from annual dues monies received at the National office.

According to Executive Director Vic Tannehill, the Institute’s new computerized accounting system enabled Headquarters to make the fast return, following the ‘83 dues payment cutoff date of March 31st. A record total of $25,733 was sent back to AIPG Section Treasurers this year.

Executive Committee Meets July 23rd

The AIPG Executive Committee will hold its Third Quarter meeting at The Lakeview Inn, Morgantown, West Virginia, Saturday, July 23rd.

All Executive Committee members are expected to attend this regular Institute business meeting. National Committee Chairmen will also be there to give their reports.
Professional Liability Insurance Available

Coverage has now been bound for the first Members to sign up for AIPG's new, low-cost group program of professional liability insurance. Rate quotes have been requested by and sent out to nearly 50 other Members, and their acceptance is expected.

This unique Institute insurance plan—available exclusively to AIPG members—offers prices for "errors and omissions" professional liability coverage considerably below those available from other sources.

To receive a quote, detailed policy language and other information about this program, Members must (with no obligation) complete, sign and return the application form printed in the February TPG. Or call or write Headquarters for a copy.

Once the application is received, the Institute's agent will, usually within three weeks, figure and prepare the actual rate quotation, including state taxes, insurance fees and administrative charges. Headquarters promptly conveys this quote to the Member. If coverage is desired (effective as of the retroactive date given), Members are to write so stating. Headquarters will confirm and send a bill for the annual premium. The policy will be issued and promptly mailed to the Member.

Record Number of Address Changes

AIPG Member geologists continue to be a very mobile bunch. Headquarters is working a record number of address changes monthly—averaging 200 a month for the last 12 months.

Per AIPG policy, it is the personal responsibility of all Members to keep Headquarters advised of their current mailing address.

This "address of record" may be either the Member's home address or office address, whichever, is preferred. The state location of this address determines which Institute Section the Member belongs to.

Address changes should not be sent to Section Secretary-Treasurers or Newsletter Editors: they must be submitted to national headquarters in Arvada, Colorado. Change notices for Members received from "third parties" cannot be accepted because of the obvious problems of verification involved.

Member address change notices are usually posted into AIPG's computer system the day they are received. Sections are advised promptly of all such changes.

Membership Renewals At Highest Level

As of March 31st just 49 Members advised that they were resigning their AIPG membership, for a variety of reasons. Also as of that date only 129 Members who did not pay their 1983 dues had to be suspended. This total of 178 Members dropped represents only a 4% non-renewal. Conversely, 96% of the Institute's membership did renew for 1983—a record (and enviable) rate.

Last year about half of the resigned/suspended Members did pay up plus penalty and reinstate by year-end. Experience so far this year indicates we will do equally as well.

Screening Board Policies & Procedures Being Revised

Institute Secretary-Treasurer Dr. Linda A.F. Dutcher has completed a draft revising and updating the screening procedures spelled out in the old POLICY AND PROCEDURE instructions. She has submitted her proposals for review and consideration by the AIPG Executive Committee. Action to adopt is expected by fall.

AIPG Exhibit At GSA, SME Meetings

The Institute will be exhibiting and holding special breakfasts or luncheons for AIPG Members in attendance at two upcoming major geologic society convention meetings.

Executive Director Vic Tannehill, President Larry D. Woodfork and members of the AIPG Executive Committee will be manning the Institute's booth to shake hands and "talk up" AIPG membership to thousands of prospects at these meetings.

They will be representing AIPG at our exhibit at the Society of Mining Engineers—AIME Fall Meeting in Salt Lake City, Utah, October 19th-21st. And they will also be attending the Annual Meeting of the Geological Society of America (GSA) in Indianapolis October 31st through November 2nd.

In addition to its exhibit, AIPG will hold special gatherings for its members and guests at which National Officers are scheduled to speak. At the SME-AIME Fall Meeting in Salt Lake City an Institute luncheon will be held at the Marriott Hotel, Salon H., Thursday, October 20th, from 11:30 a.m. to 1:30 p.m.

An AIPG breakfast is tentatively planned at the GSA meeting in Indianapolis. Preliminary arrangements call for the event to be held at one of the convention hotels 7:30 a.m. Tuesday, November 1st.

Reservations are not required for either activity. Charge for the meal will be collected there.

Dues Deadlines And Reinstatement Fees

Per the Bylaws and Constitution of AIPG, dues are due January 1st for that calendar year. It is the Member's responsibility to forward his or her payment annually so that it is received by that date.

The amount of National and Section dues for Members, Retirees and Associates for the coming calendar year is set by the Executive Committee at their fall meeting. These dollar amounts are promptly published in the TPG. Dues bills—including a print-out of individual record information to be verified—are mailed by December 1st.

If for some reason the dues bill invoice form is not received, it is still the individual's responsibility to remit to Headquarters what is owed by January 1st.

Members/Associates whose dues are not received by March 31st are suspended, as are those who advise that they are resigning. But they can reinstate in the same calendar year by remitting the $20.00 Late Payment Fee plus National and Section dues. Those resigned/suspended in prior years can reinstate by requesting same in writing and paying a $50.00 fee plus current National and Section dues.

Sections Reminded About Amendment Procedures

Section officers of the Institute are reminded of provisions in AIPG's national Constitution and Bylaws regarding the proper procedures which must be followed to amend Section Constitutions and Bylaws.

ARTICLE X. SECTIONS. Section 2—Functions and Limitations states: "A Section may conduct its own affairs so long as they are not in conflict with the Constitution and Bylaws of the Institute. The Bylaws of the Sections shall not be in conflict with those of the Institute, and any changes therein shall take effect only upon prior approval of the Executive Committee of the Institute. No Section shall have the power to bind the Institute by its action."

MAY-JUNE, 1983
Qualifying Societies For Membership

For purposes of joining AIPG and remaining a Member, "continuing membership in a member society of the American Geological Institute (AGI) or other society approved by the Executive Committee" is required.

Two societies have recently quit AGI. They are the American Geophysical Union (AGU) and the Society of Exploration Geophysicists (SEG). One group has joined AGI: the Society of Independent Professional Earth Scientists (SIPES).

In 1981 the AIPG Executive Committee approved the Groundwater Technology Division of the National Water Well Association as an "other qualifying society." At their meeting in Washington, DC, April 30th, the Executive Committee added AGU, SEG and the Society of Petroleum Engineers of AIME (SPE-AIME) to that list.

Present qualifying AGI member societies are:
- American Association of Petroleum Geologists
- Association of American State Geologists
- Association of Earth Science Editors
- Association of Engineering Geologists
- Division of Professional Affairs—AAPG (DPA-AAPG)
- Geochemical Society
- Geological Society of America
- Geoscience Information Society
- Mineralogical Society of America
- National Association of Geology Teachers
- Paleontological Society
- Seismological Society of America
- Society of Economic Geologists
- Society of Economic Paleontologists & Mineralogists
- Society of Mining Engineers of AIME
- Society of Vertebrate Paleontology
- Society of Independent Professional Earth Scientists

Continuing" Society Membership Required

According to AIPG's Bylaws ARTICLE I. MEMBERSHIP Section 3—Qualifications D. Continuing Society Membership: "Continuing (full) membership in a Member Society of the American Geological Institute or other qualified Society approved by the Executive Committee" is required for continuing membership in the Institute.

Last year, and again this year, AIPG Members were asked to indicate on the personal records verification part of their annual dues bill returned which qualifying society or societies they are a member of.

This information has been posted to the computerized individual record of each Institute Member. Recent careful cross checking through a computer run by AIPG staff revealed a few cases where no qualifying scientific/technical society membership was reported by an individual. Such persons were personally contacted in an attempt to set their records straight.

Eventually all but three Members verified required society membership. Regrettably the AIPG Membership of those three has had to be terminated as required.

Member Support Of Foundation Increases

Approaching the last half of its second full year of operation, The AIPG Foundation continues to gain in acceptance by the membership and to grow in usefulness to the Institute.

Through March 31, 1983, dramatic increases in numbers of donors and dollars are apparent: 71 donors have given $3,510 so far this year. This represents a marked increase over 1982.

Thanks to the good efforts of 1983 Foundation Chairman M.O. Turner and the Board, Sections have made gifts to the Foundation. MO. hopes that this will encourage more Sections to follow suit.

The Foundation has reimbursed the Institute for most of the past AIPG expenses on its behalf and is now covering operating expenditures as they occur.

During 1982 the Foundation established its contribution solicitation effort. Because of the cost involved, the program was directed at a limited number of the membership. Brochures were sent to a limited mailing list and telephone calls were made to selected individuals. Returns have been surprisingly high and the interest many members have in seeing The Foundation grow and succeed in its purpose. As budget allows, this program will be expanded to include a larger segment of the membership.

Reg And Leg . . Continued from Page 1

(Maryland), Charles E. Wier (Illinois-Indiana), Peter P. Hudec (Michigan), James I. Hoffman (Minnesota-Wisconsin), Robert J. Larson (Mississippi), Paul D. Proctor (Missouri), Mark R. Rowland (Ohio), John M. Wilson (Tennessee), James F. Conley (Virginia), Berke L. Thompson (West Virginia), Ralph E. Wharton (Louisiana), Wolfgang E. Elston (New Mexico), William E. Harrison (Oklahoma), John P. Bunch (Florida), R. Kenneth Dodds (Oregon), and Ned E. Wehler (Pennsylvania).

Your Institute's Fourth Annual Washington Governmental Affairs Conference was held May 2nd in the Nation's Capital. Following a morning workshop on current federal legislation/regulation of concern, members in attendance heard featured luncheon speaker Robert L. Terrell (third from right) of the Senate Energy and Natural Resources Staff. Visits to Congressmen, Agencies and Staffs were made in the afternoon.

Page 4

THE PROFESSIONAL GEOLOGIST
Meet Your AIPG Legislative Counsel

James U. Hamersley has served as AIPG’s Legislative Counsel in Washington, DC, since 1976. An attorney who has practiced in the District for ten years, he is a Member of the Virginia State Bar and the District of Columbia Bar.

Jim has particular expertise in legislative activities, federal government regulatory proceedings and trade association legal matters. He has knowledge and experience in the areas of energy, natural resources, environmental law and related service industries, as well as in matters affecting trade and professional associations such as AIPG.

HAMERSLEY

He received his Bachelor of Arts degree in International Relations from the University of Utah, Salt Lake City, in 1965; his Master of Arts in Political Science from Denver University, Denver, Colorado, in 1968; and his Juris Doctor, from George Washington University, Washington, DC, in 1970.

An author and columnist, Jim was a Staff Assistant to Senator Frank Church in Washington, from 1968 to 1969. From 1970 to 1972, he was Attorney/Advisor to Federal Power Commissioner Albert B. Brooke, Jr., Washington, DC. He then worked as an Attorney for Peoples Gas Company, Chicago, Illinois, before starting his private practice in Washington.

Jim provides the Institute with advice and legal expertise; he monitors legislation and regulatory proceedings, serves as liaison to selected agencies and provides comprehensive reports on policies and hearings with potential geologic impact. In addition he provides counsel on legal matters and works to determine legal implications of AIPG actions.

Position Paper Task Forces At Work

Benton M. Wilmoth, Wheeling, WV, Chairman of the Task Force putting together an Institute position paper on “Hazardous Waste Disposal” advises that the document has now been completed by his ad hoc group. It is in the process of being reviewed.

Albert M. LaSala, Columbus, OH, who heads the Task Force to prepare a proposed AIPG position paper on the problems associated with the safe storage/disposal of radioactive wastes reports that his ad hoc committee plans to submit their document shortly for pre-publication review and approval.

President Larry D. Woodfork is serving as Executive Committee Liaison to both Task Forces. It is expected that by year-end AIPG position statements with accompanying data on each topic will be produced and distributed.

"Professional Guides" Revision Underway

Work on the updating and revising of the present AIPG “Professional Guides and Practices” looseleaf bound book is progressing under the supervision of James R. Dunn, Ad Hoc Committee Chairman. Executive Committee members and others are being asked to review the publication’s contents and assist in the rewriting. Production of the revised “Guide” and subsequent sales are being counted on as a key income-producing activity for the Institute this year. Demand is expected to be high.

MAY-JUNE, 1983

Washington Seminars To Continue

Your Institute plans to continue its series of seminars on the GEOLOGIC ASPECTS OF SELECTED ISSUES PENDING IN CONGRESS later this year. Under the direction of AIPG’s Washington Representative Russell G. Wayland, the first of these sessions held last January and February drew enthusiastic participants.

Wayland is assisted in this unique effort by the Institute’s Legislative Counsel James U. Hamersley, by the Governmental Affairs Committee and by Members of the Capitol Section. The meetings, which will probably start this fall, will again be held in the Hearing Room of the Senate Committee on Energy and Natural Resources, Dirksen Senate Office Building, Washington, D.C.

During these sessions two or three member geologists expert on the particular seminar subject meet with interested Congressional staff members from House and Senate committees concerned.

AIPG’s purpose in holding these seminars is to improve the professional application of geology in federal legislation and regulation, for the good of the public and to assure proper geologic input to the law-making and rule-making processes.

Foundation Funds Institute Fellowships

The AIPG Foundation Board of Directors has approved a commitment of $2,500 for ten fellowships of $250 each for teachers attending summer Petroleum or Mining Institutes. The local mining or petroleum association underwrites the tuition costs and this stipend will help the student with transportation costs and living expenses during the course.

These Institutes, for Junior and Senior High School teachers, are given at several colleges in the United States. Primary purpose of these courses, which carry graduate credit and satisfy continuing education requirements, is to provide teachers with a working knowledge of the mining or petroleum industry and its importance to the state and nation. They also give an overview of the types of career opportunities available within these industries.

Lecturers at these summer institutes—primarily experts from industry—make an effort to present a worthwhile story. Courses provide an overall understanding of the industry and, of special interest to AIPG, the role of the geologist within the industry.

State Sections, particularly but not exclusively those in areas where these courses are taught, have been invited to become involved in the fellowship program. They are encouraged to find and recruit good candidates for the courses, picking teachers who have a definite impact on high school and junior high school students (science and economics teachers, etc.). The Section may determine criteria or qualifications for selection. State Sections may also want to consider sponsoring a teacher to an Institute as a Section project. Finally, Sections might consider supporting the Institutes by providing assistance to the Mining or Petroleum Associations in locating qualified lecturers or other help.

Institutes are located at:

MINING—Colorado School of Mines, Golden, CO; Mackie School of Mines, Reno, NV; University of Wisconsin, Platteville, WI.

PETROLEUM—Colorado School of Mines, Golden, CO; Casper College, Casper, WY; Eastern Montana College, Billings, MT.

For additional information contact: Susan M. Landon, Fellowship Program Coordinator for The AIPG Foundation, (303) 830-4966, Amoco Production Company, 1670 Broadway, Denver, CO 80202.
AIPG Sharpens Position On Registration
by John B. Gustavson, Chairman
AIPG State Affairs and Registration Committee

The AIPG Executive Committee at its quarterly meeting on April 30, 1983 in Washington, D.C., resolved to amend the official policy of the Institute with regard to registration of geologists. While the overall policy remains unchanged, namely that the AIPG on a national basis considers any need for registration to be a state issue, the AIPG nevertheless sees the current uncoordinated proliferation of state registration to be detrimental to the orderly execution of the profession of geology. Consequently, both the short-term and the long-term policies have been reviewed and amended.

In the following, the policy will be presented with discussion where necessary. The policy was amended only after thorough review and discussion by both the 1982 and the 1983 Executive Committees and only after detailed studies conducted by the Committee on Registration and State Affairs under my chairmanship. It is nevertheless important to hear from our members of any additional clarification or suggested changes which may benefit our members.

1. AIPG neither encourages nor discourages state registration. The matter should be decided by the geologists within the affected state. The AIPG will support its state Sections in matters of registration subject to the polled desires of a majority of the AIPG members in that Section.

2. AIPG has not promulgated and will not promulgate the enactment of registration or licensing bills for geologists in any state. The AIPG is increasingly concerned that uncoordinated proliferation of registration or licensing is detrimental to the execution of the geologic profession. The AIPG will therefore not take the first step in any state.

3. If a registration law is introduced in a state legislature, AIPG will strive to ensure that:
   a) the law would adequately protect both the public and the entire profession; and,
   b) the law would provide ready reciprocity with other states.

4. AIPG endorses and will actively provide support to existing state registration/certification boards towards providing uniform registration/certification requirements with the goal of providing comity, allowing temporary work under observance of absolute minimal administrative procedures in a registration/certification state by geologists registered/certified in another state.

5. AIPG endorses the long-term objective that AIPG certification should become equally recognized along with specific state registration/certification. The AIPG is discouraged by the present substantial differences between regulations of states having registration requirements and by the increasing number of such states; the AIPG therefore sees as one of its roles the long-term possibility of uniform national registration/certification, possibly with a nationally administered examination as being the ultimate solution.

6. AIPG is opposed to the “splintering” of the profession of geology in matters of registration: that is the division of geology into subdisciplines for the purpose of excluding certain subdisciplines from registration. The purpose of the AIPG has always been to provide an arm of the American Geologic Institute which can speak for the overall profession of geology; the geological profession is already small compared to other professions such as engineering. Consequently, any reduction of the members of the profession by “splintering off” any subdiscipline will leave the remaining members of the profession substantially weakened.

Department Survey Being Tabulated

Responses to the AIPG questionnaire on evaluation/approvals received thus far from several hundred heads of college/university Geology Departments are now being tabulated. Analysis of the results will be made by the Institute’s Educational Affairs Committee, sponsors of this project.

Chairman Edwin B. Nuhfer advises that his committee plans to meet in Chicago June 6th to discuss preliminary results and form tentative conclusions. They will make their recommendations on AIPG action at the July Executive Committee meeting.

The Institute has suggested that teams of its Members again perform evaluations of undergraduate, degree-granting geology departments on the basis of a set of minimum criteria. Those that meet these standards would also be listed in a proposed AIPG directory of approved departments. This publication would state that the departments listed provide the minimum educational requirements for membership in AIPG.

Position On OCS Development Drafted

A subcommittee headed by Rogee Marsh presented a first draft of a proposed AIPG statement regarding O.C.S. Energy Resource Exploration and Development at the national Governmental Affairs Committee meeting in Washington, April 29th. This is the first time the Committee, chaired by Gordon Everett, has considered this issue. Marsh is developing some graphical data to accompany.

A second draft with graphics will be going to the Committee for review the third week in June. The Executive Committee received the first draft at their meeting April 30th.

It is expected that the position paper will be completed and distributed in August.

ISAG To Meet In Jackson Hole In September

Chairman Ernest K. Lehmann reports that the first Inter-society Advisory Group (ISAG) meeting of the year is set for Thursday, September 8th, 8:00 a.m., in the Summit I Room at the Americana Snow King Hotel, Jackson Hole, Wyoming, in conjunction with the 1983 AIPG Annual Meeting.
George Heads Annual Meetings Committee

Gene George, Chairman of AIGP's Annual Meeting Committee for 1983, is a partner in the exploration firm of Clark & George in Casper, Wyoming. He's been an independent geologist working in petroleum exploration in the Northern Rocky Mountains for the last seventeen years. He received his undergraduate degree in geology at the University of Kansas and his Master's degree at Oregon State University at Corvallis, Oregon. He became an independent geologist after working for Amerada Hess Corporation for four and one-half years. Gene was a partner in the consulting firm of Runge & George for several years prior to his partnership with James F. Clark. He has been involved with the Wyoming Geological Association headquartered in Casper and is Past President. In addition, he has received the WGA's Frank A. Morgan, Sr. Memorial Award for Meritorious Achievement in 1980.

He is Past President of the Wyoming Section of the AIGP. He serves on the Community Planning Commission and currently is Chairman, and has been involved with the City of Casper in attempting to secure additional underground water sources.

Newton Chairs External Appointments

Elisabeth Guerry Newton, 1983 AIGP External Appointments Committee, received her Bachelor of Science degree in geology from the University of South Carolina. She has held a variety of research and applied geology assignments within the Department of the Interior, where she has specialized in engineering geology and management of federally owned leasable minerals. She has recently been involved with coordinating program planning activities related to the merger of the Minerals Management Service's Onshore Minerals Operations into the Bureau of Land Management.

The Committee's charge is to seek out, collect and monitor information on open federal, state or local political appointive positions which might appropriately be filled by Member geologists; collect and submit to the editor of the TPG a list of appointive governmental positions of interest, monthly if possible; and suggest means by which AIGP Member professional geologists might be appointed to government positions, and follow through in support.

The Committee consists of six Members appointed for staggered three-year terms.

Institute Seeks National Committee Volunteers

Your Institute requests help from all members. AIGP is looking for talent to serve as members of various standing and ad hoc committees.

President Larry D. Woodfork will name volunteer appointees to committee positions thus completing the very important process of bringing new Member expertise into AIGP affairs.

Although your Executive Committee is broadly based, both geographically and in disciplines, its members cannot possibly know all the AIGP members who are potential candidates for serving the Institute. You can help by volunteering yourself or by suggesting names of others you think should be considered for any of the openings.

In making recommendations, please give serious consideration to the special qualifications of the individual for a particular committee. To assist you in nominating AIGP Members for these various positions read the brief summaries of what each committee does and what qualifications are desirable which appeared in TPGs last year, and which will be in this year's Directory. Please be sure that your candidates are Members and that they meet fully the requested qualifications.

All nominations should be sent to Headquarters. DEADLINE JUNE 30, 1983. Listed below are the committees on which vacancies will occur. Appointments will be made by President Woodfork shortly thereafter.

CONSTITUTION AND BYLAWS COMMITTEE (2 vacancies); CONTINUING EDUCATION COMMITTEE (2 vacancies); ETHICS COMMITTEE (4 vacancies); GOVERNMENTAL AFFAIRS COMMITTEE (5 vacancies); HONORS AND AWARDS COMMITTEE (1 vacancy); MEMBER SERVICES COMMITTEE (14 vacancies); MEMBERSHIP COMMITTEE (2 vacancies); NOMINATING COMMITTEE (2 vacancies); PROFESSIONAL EMPLOYMENT STANDARDS COMMITTEE (2 vacancies); PUBLIC RELATIONS COMMITTEE (6 vacancies).

New BLM Aide In New Mexico From USGS

Richard N. Wilson, recently Deputy Chief of the Office of Energy and Marine Geology in USGS' Geologic Division, has been chosen as Deputy State Director for Mineral Resources of the Bureau of Land Management New Mexico State Office. Wilson, a geologist, graduated from the University of New Mexico and did graduate work in geology there, and at University of Oregon and Colorado School of Mines. Dick served on the staff of the Assistant Secretary for Interior for Energy and Minerals, and dealt extensively with the Bureau of Indian Affairs during the Carter administration; he later was Deputy Assistant Director of USGS in charge of coal resource studies. Wilson will assume his new duties June 1 at a time of considerable unrest in the field of lease-sales of government minerals. The new deputy will require considerable skill at negotiation and management, abilities that he acquired during his time in Washington.

1983 AIGP ANNUAL MEETING
SEPTEMBER 7-10, 1983
AMERICANA SNOW KING RESORT
JACKSON HOLE, WYOMING
REGISTRATION
1. Registration is required for all attendees, including spouses and guests, but not children. Complete and return the Registration Form printed in this issue.
2. Full payment must accompany registration.
3. Your check, made payable to AIPG for registration fees, etc., will be your receipt. Copy the form for your records.
4. Preregistration deadline is August 7th.

REGISTRATION FEES:  
<table>
<thead>
<tr>
<th>Advance</th>
<th>On-Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Members/Associates/Applicants</td>
<td>$80</td>
</tr>
<tr>
<td>Spouses/Guests</td>
<td>$35</td>
</tr>
</tbody>
</table>

REFUNDS ON ADVANCE REGISTRATION FEES
AIPG will refund advance registration fees for all cancellations received in writing by September 1, 1983. NO REFUNDS WILL BE MADE ON CANCELLATION NOTICES RECEIVED AFTER THIS DATE. Refunds will be mailed after the meeting. All refunds will be subject to a $15 processing fee.

ON-SITE REGISTRATION TABLE SCHEDULE
At the Americana Snow King Hotel:
- Wednesday, September 7: 7:30 a.m. to 7:00 p.m.
- Thursday, September 8: 7:30 a.m. to 7:00 p.m.
- Friday, September 9: 7:30 a.m. to Noon

FOR ANNUAL MEETING INFORMATION
Call the AIPG 1983 Annual Meeting Committee representative at (307) 235-1221 for information prior to the Annual Meeting. During the meeting—Wednesday, September 7th, through Friday, September 9th, 8:00 a.m. to 5:00 p.m.—call the Americana at (307) 733-5200 and ask for the AIPG Registration Table. Call the same number to leave messages for attendees.

GROUND TRANSPORTATION
From the Jackson Hole Airport regular service transportation is available to and from the Americana.

GETTING THERE...
Jackson Hole is served on a daily basis by Frontier and Trans-Mountain Airlines with direct connections to Denver, Salt Lake City, Billings, Montana, and Idaho Falls, Idaho. All-weather roads link the valley with I-80 and I-90, Amtrak connections are only 180 miles away and bus service ties the area to other major neighboring communities.

The 1983 AIPG Annual Meeting Committee is coordinating ALL reservations at the Americana. Your choice of hotel accommodations and rates will be honored, if possible, although rooms will be confirmed on a first-come, first-served basis. Telephone requests will not be honored. All reservations must be submitted on the Hotel Reservations Form included in this issue of the TFP. Cancellations are best made in writing directly to the Americana. THE HOTEL REQUIRES A FIRST NIGHT’S DEPOSIT. The hotel will confirm your reservation. In effect, the hotel is requiring you to guarantee your first night’s stay. The hotel will not hold reservations without a deposit. Credit cards or checks will be accepted for the deposit, and in payment of your final bill. Refunds will be made to those cancelling with the hotel 48 hours prior to arrival. IF YOU CANCEL, BE SURE TO ASK FOR YOUR CANCELLATION NUMBER. If problems occur, contact the 1983 Annual Meeting Committee.

Check-out time is noon. If you plan later departure, ask the hotel as soon as possible to extend your time. But understand that the hotel is not required to grant you a later checkout time. An alternative is to check out and have the bellman hold your luggage until actual departure time.

DEADLINE FOR RECEIPT OF HOTEL RESERVATIONS IS AUGUST 7!
Reservations after this date must be made directly with the Hotel on a space-available basis only.

ALL ABOUT TOW...
During your visit to Jackson Hole, don’t miss out on all the famous places for recreation, sightseeing, music, entertainment, and food. At the Americana, the Sales Office will provide further recommendations and reservations assistance.

You may also contact the Jackson Hole Chamber of Commerce for assistance. Call (307) 733-3316.

SPOUSE/GUEST/CHILDREN’S PROGRAM
The registration fee includes the Wednesday night “Poolside Icebreaker” reception with hors d’oeuvres, Thursday noon “Dagwood Sandwich” buffet luncheon, the poolside, Thursday evening “Chuckwagon Cookout,” a real western steak barbecue with cowboy music at the beautiful Triangle X Guest Ranch; and, the Friday noon “Chicken Cordon Bleu” AIPG annual business luncheon meeting.

SPECIAL ACTIVITIES
Guided Snake River raft float trips from Deadman’s Bar to Moose, Wyoming, will be offered Wednesday, September 7th (1:00-5:00 p.m.) and Thursday, September 8th (8:30 a.m.-12:20 p.m.). There is a separate charge of $16 per adult and $9 child (less than 19 years of age) for this activity. Sign up on the Registration Form.

AIPG “SHORT COURSES”
Two of the Institute’s new “short courses” will be available at Jackson Hole. “The Geologist as Expert Witness” short course will be presented Wednesday, September 7th, 1:00-5:00 p.m., by Joseph A. Fischer, president, Geoscience Services, Millington, NJ.

Mr. Fischer will also present the Institute’s new “Minimizing Professional Risk and Liability” short course Friday, September 9th, 1:30-5:30 p.m. The enrollment fee for each course is $50. Sign up on the Registration Form.

HOSPITALITY
The Hospitality location will be the lobby of the Americana. Hours will be 9:00 a.m.-4:00 p.m. Wednesday and Thursday, and 9:00 a.m. to noon on Friday. Light refreshments and a place to relax will be provided to those registered and their children. (Please wear your badge.) Members of the Committee and volunteers from the Wyoming Section will be on hand to help you in any way they can. The entire Local Committee wants you to enjoy your visit and warmly welcomes Members, and their families to Jackson Hole.

FOUNDATION CONTRIBUTORS LISTING
APRIL 3, 1983

ALKIRE, Robert L. ANDERSON, Eskil HAGUE, John M. HANSEN, Miller JENKE, Arthur L. SHERWIN, M.W.

THE PROFESSIONAL GEOLOGIST
WEDNESDAY, SEPTEMBER 7, 1983

7:30 a.m.-7:00 p.m. REGISTRATION ........................................... Lobby

8:00 a.m.-9:00 a.m. NATIONAL COMMITTEE MEETINGS
Annual Meetings Committee ........................................ Parlors/Suites
Constitution & Bylaws Committee ................................ Parlors/Suites
Educational Affairs Committee ................................... Parlors/Suites
Educational Services Committee ................................ Parlors/Suites
Ethics Committee ......................................................... Parlors/Suites
Governmental Affairs Committee ................................. Parlors/Suites
Subcommittee on Ext. Appointments ............................. Parlors/Suites
Member Services Committee ......................................... Parlors/Suites
Membership Committee .............................................. Parlors/Suites
Nominating Committee ............................................... Parlors/Suites
Prof. Employ. Std. Committee ...................................... Parlors/Suites
Subm. on St. Aff. & Registration ................................... Parlors/Suites
Honors and Awards Committee .................................... Parlors/Suites
Public Relations Committee ......................................... Parlors/Suites

9:00 a.m.-4:00 p.m. HOSPITALITY ........................................... Lobby

9:00 a.m.-10:20 a.m. 1983 ADVISORY BOARD MEETING .............. Timberline III

10:20 a.m.-10:40 a.m. COFFEE BREAK ..................................... Lobby/Poolside

10:40 a.m.-Noon 1984 ADVISORY BOARD MEETING .................. Timberline III

Noon-5:00 p.m. EXECUTIVE COMMITTEE LUNCH/MEETING .......... Timberline II

1:00 p.m.-5:00 p.m. FLOAT TRIP ON THE SNAKE RIVER

1:00 p.m.-5:00 p.m. AIPG SHORT COURSE: "MINIMIZING PROFESSIONAL RISK AND LIABILITY" .......... Timberline I
Joseph A. Fischer, Presenter

2:00 p.m.-4:30 p.m. "ECONOMICS OF THE OIL, GAS AND MINERALS INDUSTRIES" SEMINAR ............ Summit II

2:00-2:30 p.m. Making Mining Work in the Modern World ........................................ J. Allen Overton, Jr.
President, American Mining Congress

Mining Economics ................................................ Charles Berry, Chairman; Department of Mineral Economics
Colorado School of Mines

The Outlook for U.S. Natural Gas Supplies, Demand and Prices ................................ Nelson E. Hay, Director
American Gas Association

The Outlook for U.S. Oil, Supplies, Demand and Prices .......... Speaker to be Announced; Conoco, Inc.

6:00 p.m.-9:30 p.m. RECEPTION/HORS D'OEUVRES .................... Poolside

THURSDAY, SEPTEMBER 8, 1983

7:00 a.m.-8:00 a.m. SPEAKERS' BREAKFAST ............................... Timberline I

7:00 a.m.-8:30 a.m. THE A.I.P.G. FOUNDATION BREAKFAST ........ Timberline II

7:30 a.m.-7:00 p.m. REGISTRATION ........................................ Lobby

8:00 a.m.-9:00 a.m. INTER-SOCIETY ADVISORY GROUP MEETING .... Summit I

8:30 a.m.-12:30 p.m. FLOAT TRIP ON THE SNAKE RIVER, A SECOND CHANCE

9:00 a.m. FIRST GENERAL SESSION ........................................ Teton Room
MODERATOR: Phil M. Miles

Welcome ........................................ Daniel D. Miller, AIPG Wyoming Section President

50 Years of Service ........................................... Gary B. Glass, Wyoming St. Geologist

Opening of the Institute ........................................ Donald F. Cardinal, Program Chairman
State of the Institute .............................................. Larry D. Woodfork, President, AIPG
Geologists at the Interface, Part II .......................... Daniel N. Miller, Jr., Department of the Interior

9:00 a.m.-4:00 p.m.
HOSPITALITY .................................................... Lobby

9:30 a.m.
CHAIR LIFT RIDE TO TOP OF SNOW KING MOUNTAIN

10:35 a.m.-10:45 a.m.
COFFEE BREAK ................................................... Lobby/Poolside

10:45 a.m.
SECOND GENERAL SESSION ........................................ Teton Room
MODERATOR: William A. Sears
Geology and Wyoming Politics ................................... James A. Barlow Jr., Barlow & Haun
Wyoming State Representative

The Professional Geologist as a Citizen ...................... John W. Rold, Colorado State Geologist
The Professional Image: Student, Professor, Practitioner ...... Lee C. Gerhard, Colorado School of Mines

Noon-1:00 p.m.
BUFFET LUNCHEON ................................................ Poolside

Noon-5:00 p.m.
EXECUTIVE COMMITTEE LUNCH/MEETING ....................... Timberline II

1:00 p.m.-2:30 p.m.
THIRD GENERAL SESSION .......................................... Teton Room
MODERATOR: M.J. (Todd) Davis
Registration of Geologists in California;
Pros and Cons ...................................................... Gerald E. Weber, Cordilleran Exploration
Review; Certification vs. Registration ....................... John B. Gustavson; Gustavson and Associates
Securities & Exchange Commission

2:30 p.m.-2:45 p.m.
COFFEE/SOFT DRINK BREAK ...................................... Lobby/Poolside

2:45 p.m.-4:30 p.m.
FOURTH GENERAL SESSION ....................................... Teton Room
MODERATOR: John P. Albanese
The Challenge Ahead ................................................ William H. Mellor III, Mountain States Legal Foundation
Geologic Appraisals on Indian Lands;
Conducted by the Council of Energy Tribes ............ Sean C. Muller, Council of Energy Resource Tribes
Northern Great Plains Aquifer Project ..................... Joe S. Downey, U.S.G.S.
Open—Title to be announced.

5:15 p.m.-9:30 p.m.
CHUCKWAGON COOKOUT .......................................... Triangle X Ranch
Introductions: ....................................................... Gene George, General Chairman
Recognitions: ....................................................... Larry D. Woodfork, President, AIPG
Awards Presentation: .............................................. Edward T. (Bud) Rue, Awards Committee Chairman

FRIDAY, SEPTEMBER 9, 1983

7:30 a.m.-Noon
REGISTRATION ..................................................... Lobby

7:30 a.m.-8:30 a.m.
PAST PRESIDENT'S BREAKFAST WITH EXECUTIVE COMMITTEE .......... Timberline III

9:00 a.m.-3:00 p.m.
GEOLOGIC & SCENIC FIELD TRIP, JACKSON HOLE AREA

9:00 a.m.-Noon
HOSPITALITY ..................................................... Lobby

10:00 a.m.-10:15 a.m.
COFFEE BREAK .................................................... Lobby

Noon-1:30 p.m.
ANNUAL BUSINESS MEETING LUNCHEON ....................... Teton Room
Presiding: Larry D. Woodfork, President, AIPG

1:30 p.m.
ADJOURNMENT OF ANNUAL MEETING

1:30 p.m.-5:00 p.m.
AIPG SHORT COURSE: “THE GEOLOGIST AS EXPERT WITNESS” .......... Timberline I
Joseph A. Fischer, Presenter

1:30 p.m.-2:30 p.m.
1984 EXECUTIVE COMMITTEE ORGANIZATIONAL MEETING ............. Teton Room
THE PROFESSIONAL GEOLOGIST
# 1983 AIPG ANNUAL MEETING REGISTRATION FORM

## TYPE OR PRINT • COPY FOR YOUR RECORDS

<table>
<thead>
<tr>
<th>Name</th>
<th>Home Phone</th>
<th>/</th>
</tr>
</thead>
<tbody>
<tr>
<td>first</td>
<td>last</td>
<td>(nickname for badge)</td>
</tr>
</tbody>
</table>

| Organization          | Business Phone | / |

| Address               |             |   |

| City                  | State       | Zip | Country |

## For Spouse/Guest Badge

<table>
<thead>
<tr>
<th>Name</th>
<th>(first, last, nickname)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td></td>
<td>City</td>
</tr>
</tbody>
</table>

## REGISTRATION FEES:

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee Per Person</th>
<th>No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member/Associate/Applicant (includes icebreaker, buffet, cookout &amp; lunch)</td>
<td>$80.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spouse/Guests (includes icebreaker and cookout)</td>
<td>$35.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## SPECIAL ACTIVITIES (AT ADDITIONAL COST):

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee Per Person</th>
<th>No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Float Trip (Wednesday, September 7; 1pm-5pm; guided)</td>
<td>$16.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adult</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child (18 years &amp; under)</td>
<td>$ 9.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Float Trip (Thursday, September 8; 8:30a.m.-12:30pm, guided)</td>
<td>$16.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adult</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child (18 years &amp; under)</td>
<td>$ 9.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Field Trip (Friday, September 9; 9am-3pm; includes bus &amp; lunch)</td>
<td>$25.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## AIPG SHORT COURSES:

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
<th>No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Minimizing Professional Risk and Liability&quot;</td>
<td>$50.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wednesday, September 7, 1:00-5:00 p.m.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&quot;The Geologist as Expert Witness&quot;</td>
<td>$50.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Friday, September 9, 1:00-5:00 p.m.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RETURN FORM WITH YOUR CHECK BY AUGUST 7TH TO — MAKE CHECKS PAYABLE TO AIPG

**TODAY'S DATE:**

**RECEIVED DATE:**

**SIGNED:**

**CHECKED:**

**PAYED:**

**TOTAL ENCLOSED**

**AMOUNT**

---

**Wyoming Section**

**AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS**

P.O. Box 2100, Casper, Wyoming 82602 • (307) 235-1221

**MAY-JUNE, 1983**
PLEASE COMPLETE, MAKE A COPY FOR YOURSELF, AND RETURN TO CASPER ADDRESS BELOW. ATTACH FIRST NIGHT'S DEPOSIT CHECK (OR CREDIT CARD NUMBER) PAYABLE TO: AMERICANA SNOW KING.

ROOMS AT —
AMERICANA SNOW KING RESORT
400 EAST SNOW KING AVENUE
JACKSON HOLE, WYOMING 83001
(307) 733-5200

TYPE OF ACCOMMODATIONS* (send one reservation form per room—copy if necessary)
- Single (1 bed, 1 person); $54.00/night
- Double (1 bed, 2 persons); $58.00/night
- Suite (2 beds, parlor); $95.00/night

*4% sales tax not included

ARRIVAL DAY/DATE ___________________________ TIME ____________ a.m./p.m.
DEPARTURE DAY/DATE ___________________________ TIME ____________ a.m./p.m.
(Check-in time 4:00 p.m. / Check-out time is Noon)

NAMES OF OCCUPANTS
1. ____________________________________________ 3. ____________________________________________
2. ____________________________________________ 4. ____________________________________________

RESERVATIONS MADE BY AND MAIL CONFIRMATION TO:
Name ____________________________________________ Home Phone ( ) ____________
Organization ______________________________________ Office Phone ( ) ____________
Address __________________________________________
Address __________________________________________
Street City State Zip

1. This form must be received by August 7th. Reservations received after that date are on a space-available basis only.
2. First night's deposit or national credit card number must be included with this form. Make checks payable to Americana Snow King.
3. Notify hotel directly of changes in arrival/departure or type of accommodations.

RETURN FORM WITH YOUR CHECK BY AUGUST 7TH TO —

AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS
P.O. Box 2100, Casper, Wyoming 82602 • (307) 235-1221
WEST VIRGINIA

Mineral Economics in West Virginia
- During 1982, coal-mining employment dropped from 55,411 to 35,833 (November to November).
- During 1982, coal production increased from 112,814,000 tons to 119,300,000 tons (November to November). That’s right. Employment dropped and tonnage went up!
- During 1982, approximately 2,100 oil and gas wells were reported as completed, up from 2,004 wells during 1981 and 1,738 wells during 1980.

SLAR
Side-looking airborne radar (SLAR) has recently been flown over the eastern part of the State. This new imagery is synthetic-aperture radar (SAR) covering the Cumberland and Charlettesville 1,250,000 quads (the hot “Eastern Overthrust”). The W. Va. Geological Survey will use this new SLAR to improve our determinations and evaluation of lineaments and many associated geologic and hydrologic features under a coop program with the USGS. A quick look at the imagery, taken with a west look, shows it to be of excellent quality.

Appalachian Petroleum Geology Symposium
The 14th Symposium was held March 28-31 at Lakeview (Morgantown) with the title “Appalachian Fractured Reservoirs.”

New Publications of West Virginia
Geologic and Economic Survey
- “Catalog of West Virginia Maps” C-30
- “Effects of Underground Mining and Mine Collapse on the Hydrology of Selected Basins in West Virginia” RI-33
- “Mountain State Geology”
- “Surface Mines in West Virginia” MB-2 (as of 10/1/82)
- “Oil and Gas Fields of West Virginia” scale 1:250,000 with report MRS-7A
- “Deep Well and Structural Map of West Virginia” scale 1:250,000 with report MRS-5

LANDSAT 4
With LANDSAT 4 now operational and returning images from the “Thematic Mapper,” NOAA has announced yet another price increase. If this trend continues, prices will be easy to calculate from the formula P equals MAE (price equals miles above earth).

New Look From Old Maps
A series of maps (1:500,000) showing oil and gas drilling in West Virginia are now on display at the West Virginia Geologic and Economic Survey. The maps are dated 1904, 1908, 1910, 1913, 1914, 1917, 1921, and 1922. The progressive increase in drilling activities and development of new fields is most interesting.

Spring Field Trip
A spring field trip is in the planning stages for the New River Gorge (Stratigraphy, bridge, hydroelectric plant, etc.) Date is May 25th—Wednesday. Dick Galster, President of AEG, will be the evening speaker and will show slides on his recent China trip. Mark your calendar and bring a friend.

Section Meetings
The officers meet monthly in Charleston at the Crown & Sword Room (Holiday Inn or Heart of Town). Call Berke Thompson for details.

New Journal
“Earth Sciences History” is the newest arrival to geological literature: this one from the newly formed History of the Earth Sciences Society (HESS). A little philosophy (rather dull), a little paleontology, and other tidbits in the first issue for history buffs.

AIPG Executive Committee Meeting
The Executive Committee of AIPG is planning their summer meeting in Morgantown on July 23-25. Plans call for a one-day field trip in the local area prior to the meeting to examine landslides, mining, acid-mine drainage, stratigraphy, and other points of interest. President Larry Woodfork will host the meeting, which is open to the membership. This would be an excellent time for the State Section to meet these folks or perhaps host an evening get-together.

Notes
Don Long is the section membership chairman and Porter Brown is legislative chairman. The officers are attempting to put the definition of Geology and Professional Geologist into West Virginia law.

Troubles with LANDSAT 4—Thematic mapper not returning data.

FLORIDA

Some of the major items that should be implemented during the coming year are listed below:

Step One: Meetings
As we all know, Florida is geographically a very long state. And you cannot pick a meeting site anywhere in Florida that will not create a hardship or inconvenience for someone to attend. Just for the sake of trivia, did you know that over 60 percent of our state membership resides in central or south Florida? And when considering total state membership by region (i.e. central, south, northeast, and panhandle), over 50 percent of the members in these regions live in or near four major cities: Miami, Tampa/Lakeland area, Gainesville, and Tallahassee!

We want to continue to rotate the meeting places this year and try to make it a little easier for some of you to attend. Meetings are difficult things to plan and arrange, as anyone who has had the privilege to do them knows. So I have asked for feedback. Each member was requested to fill out and return the two-page meeting questionnaire contained in the last Section newsletter. A summary of responses will be published in the next newsletter. More importantly, your opinions and suggestions will help tremendously in planning our future meetings in terms of the number per year, type, and format that best suit our present needs.

Here’s our schedule of Section meetings for this year:
April 29—Gainesville; June 24—Tallahassee; August 26—Fort Pierce; October 28—Miami; December 5—Bartow.

Step Two: Newsletter
I was thumbing through the membership directory the other day and began reading those sets of numbers that appear under each name, the ones that you never bother to look up, except your own. Each number corresponds to a particular field of interest. We have a lot of diversification in the Florida Section. We cover about the full spectrum from education, industry and consulting to areas of exploration, research and development activities. This is quite a resource. So it became very clear to me that surely these people would be delighted to contribute some very interesting articles and news items to our Newsletter. Perhaps the column could be called something like “Around the Section,” and each Newsletter publication would focus on a particular region within the state.

So for this step, I will be contacting several of you from each region to act as a liaison for preparing these articles. The total
effort would amount to about one article per region, per year, unless, of course, more people wanted to contribute once the word gets around. It would be a great way to let people know what is going on in different regions.

Step Three: Position Paper

Florida needs a position paper on its natural resources. A philosophy presented by the only professional group which I believe to be trained and qualified to create such a document—the professional geologists.

This is an important project that will require the very best we have to offer. If you have any comments on this subject, please let me know. We will pursue this one a “step at a time” over the next few months.

Step Four: 1984 National Meeting

The AIGP National Meeting is coming to Florida in 1984 and Bob Timmons is general chairman of the committee preparing for this event.

Bob will be reporting to you on this subject from time to time over the course of the year. Please be available to assist if asked, and volunteer your services even if you are not asked. Bob would appreciate it.

There are many more things that could be commented upon, such as Bylaws revision, membership and registration, but I have to save something to talk about later. I hope to keep you informed about the Section through the use of this Newsletter. We are looking forward to the coming year and I hope to see all of you at one or more of our future meetings.

John P. Bunch
Section President

It was observed that the Michigan Section needs a new national membership committee representative, to replace Dorothy Skillings. Anyone interested should advise President Hudec.

The meeting closed with an excellent colored slide presentation on hydrology, given by Bob Hayes, substituting for Bob Hilty.

O.P. Nicola, Jr.
Secretary-Treasurer

CALIFORNIA

Section Members are reminded that their Section newsletter is intended to keep them better informed as to Section activities. To this end, it is also designed to disseminate any notice or information from within the Section—so the editor asks you to keep those cards and letters coming in.

If you wish to place anything in the newsletter, contact your area representative:

NORTHERN—Will Peak, (916) 391-3260, 6360 Eichler St., Sacramento 95831; BAY AREA—Mort Polugar, (415) 894-5687, Chev. Overseas Pet., 575 Market St., San Francisco 94105; SAN JOAQUIN—Warren Cebell (805) 393-6200, 3029 Hughes Lane, Bakersfield 93304; COASTAL—Ralph Cahill, (805) 928-3741, 1068 Cinnabar Ct., Santa Maria 93454; SOUTHERN—Bill Elliott (714) 275-2277, P.O. Box 541, Solano Beach 92075.

MEMBERSHIP:

Any info or news, please send to—Kim Ham, Section Membership Chairman, (805) 969-5841, 315 Malaga Dr., Santa Barbara 93108.

OHIO

The TOLEDO MEETING of the Ohio and Michigan sections was held Friday afternoon and evening, April 15th. Addresses by Dan Miller on America's energy and mineral resources, and by James R. Harris on policy changes at the Office of Surface Mining, were featured. Papers presented covered Ohio and Michigan oil and gas, Ohio coal, and classification of landfills.

The Toledo meeting took the place of the Ohio Section's April luncheon. We will adhere to the third-Thursday schedule in May (the 19th) and June (the 16th). NOTE: NEW PLACE. We will meet for luncheon at Mother's Restaurant, 1345 Morse Road, Columbus. This is a short distance east of our former meeting place at Morse and Maize roads.

AIGP President Larry Woodfork spoke at our luncheon meeting in March. He discussed the membership picture and other matters that affect the national organization.

We welcome four new members: Fred W. Erdmann, Thomas A. Gerrard, Lynn F.M. Kantner, and Christopher J. Khoury. Addresses and affiliations of these members may be found in the Membership List that was sent around in March.

Applications for membership in the Ohio Section have been received from James R. Bauder of Canton, Henry C. Hunt III of Westerville, William A. Kneiler of Toledo, and James R. Quince of Findlay.
A short course, Wire-line logs for water and monitor wells evaluation, will be held in Pittsburgh on May 18-19. It is sponsored by the Pittsburgh Geological Society. For information contact Kent Bushnell, Dept. of Geology, Slippery Rock State College, Slippery Rock, PA 16057; phone (412) 794-7305.

The Ohio Section of the Society of Mining Engineers, AIME, will hold its fourth annual Spring Seminar on May 21, at Atwood Lake Lodge in Carroll County. Papers will relate to coal mining, pavement recycling, and the cement picture in the 1980s. For details contact Ralph Lusher, AEP, Box 700, Lancaster, OH 43130; phone (614) 687-1440.

Ralph J. Bernhagen, CPGS 476, will retire on June 30 after 41 years of service to the state of Ohio. His career has been with ODNR’s Division of Water, Division of Geological Survey (Chief, 1957-68), and Water Planning Section. His most recent assignment has been Administrator, Lake Erie Harbor and Shoreline program where he has been involved in coastal zone management. Bernie is a graduate of CSU and a recipient of the Orton Award from the Dept. of Geology & Mineralogy. He has been a strong supporter of professional societies, and was a sponsor of the Ohio Section of the AIPG.

Ernest R. Williams has joined Truman Bennett and Tyler Gass to form Bennett, Gass & Williams, Westerville, specializing in ground water and geotechnical investigations.

Next newsletter will appear on or about July 1. Send items to the editor, Bob Bates, Geology & Mineralogy, OSU, 125 South Oval Mall, Columbus 43210; (614) 422-0235.

ILLINOIS-INDIANA

The Spring Meeting of the Illinois-Indiana Section was held Friday, May 20th at the Best Western at the intersection of US 41 and Interstate 70 in Terre Haute, Indiana. Three speakers discussed general projections for the future of the coal, oil and gas industries; potential needs and changes in the nature of business; and the employment picture. The program for the meeting included:

11:00-11:30 a.m. Registration
11:30-12:30 p.m. Luncheon
12:30-1:30 p.m. Section Business Meeting
1:30-1:40 p.m. Introductory Remarks—Konard Banaszak
2:25-3:10 p.m. A speaker from the Coal Industry
3:10-3:50 p.m. Maurice L. Alfille of Standard Oil of Indiana spoke on “Economics of the Petroleum Industry in the 1980’s,” including a look at the long-range forecasts used by the Company.
3:50 p.m. Adjournment

At the business meeting information was presented concerning a potential Fall Program taking advantage of one of the three AIPG short courses. These courses are: 1) Business and Technical Writing; 2) The Geologist as Expert Witness; 3) Minimizing Professional Risk and Liability. Section members are urged to make their wishes on the program known.

Revisions of Bylaws of Illinois-Indiana Section ready for vote

At the 1983 Spring meeting of the Section a motion was passed asking that “The Illinois-Indiana Section review its Constitution and Bylaws for the presence of any sexist language, and if such is found, corrected copies of the documents shall be prepared and presented to the next meeting of the Section.” A committee of David Gross and Myrna Kelty undertook that task and a proposed set of revisions was presented to the membership present at the 1982 Fall meeting. The Executive Committee of our Section approved the changes and the completed documents are enclosed for a vote of the full membership. A total of 30 changes were required, none of which alter the intent of the documents (if we assume that the language was never intended to be offensive to our female members!). In the last Section newsletter, members were asked to please vote approval or disapproval of the changes and return their ballot to our Secretary-Treasurer, Larry Bengal.

OKLAHOMA

The results of the Oklahoma Section election of officers have been tabulated and the following individuals will serve during 1983:

President, William E. Harrison; First Vice-President, James E. O’Brien; Second Vice-President, Dawson F. Lasseter; Secretary-Treasurer, Robert A. Northcutt; District Representative, At-Large, Douglas C. Kent; District Representative, Tulsa, John A. Blair & Murray McComas; District Representative, Oklahoma City, J. Phillip Boyle.

There was a tie in the balloting for the Tulsa District Representative and the two above-named individuals have agreed to share the position. *Phil Boyle will not be able to serve in this capacity and Joseph L. Thacker has accepted appointment to this post.

An Executive Committee Meeting was held recently in Stillwater to discuss goals and objectives for the State Section. Additional information on these programs will be included in future newsletters as such activities get under way. In general, there was agreement that two important goals of the State Section should be (a) a major membership drive to reach a broader spectrum of age and discipline categories, and (b) establishment of an active Legislative Affairs Committee to monitor potentially detrimental legislation at the local, State, and National levels. The Executive Committee solicits (and welcomes) comments, ideas, and suggestions from all members. If you have thoughts concerning programs in which the State Section should become involved, please convey them to a member of the Executive Committee; a list of the Committee for 1983 has been enclosed for your convenience. Better still, attend the meetings and present such items personally.

The following committees have been established.

SCREENING COMMITTEE: Chairman—Douglas C. Kent; Members—John A. Blair, Murray McComas, Joseph L. Thacker.

LEGISLATIVE AFFAIRS COMMITTEE: Chairman—Charles C. Riecken; Members—Kenneth V. Luza*, Gary F. Stewart**.

*AIPG Application currently being processed
**Investigating proposed legislation pertaining to SEC registration. Will report through Legislative Affairs Committee via Executive Request.


FINANCIAL REVIEW COMMITTEE: Chairman—Zuhair Al-Shaieb; Members: John W. Erickson, Arnold D. Buzzalini.

The State Convention was held in Norman on March 26th. The Business Meeting was conducted Saturday morning and then
AIPG Members joined the Tulsa Geological Society for an overnight field trip to the Arbuckle Mountain area. John Wickham provided an introduction to the general structure and stratigraphy of the Arbuckle Mountains on Saturday. Saturday evening, Eric Phillips gave a talk on gravity tectonics and the possibility that such mechanisms could have affected stratigraphic and structural relations in the Arbuckles. Eric then took the group to visit outcrops on Sunday, and suggested that reinterpretation of certain features might support his hypothesis.

Although scheduling and marginal weather conditions probably discouraged many AIPG members from attending the State Convention and participating in the field trip, those of us who did attend felt that the week-end program was professionally very rewarding.

NEVADA

The Nevada Section of AIPG met May 14 at noon at the GOLD- N-SILVER INN, Fourth and Vine Streets, Reno. Guest speaker was Bob Loux (Nevada Department of Energy). He discussed the role our Section may play as a peer group, reviewing pertinent data relative to the National Waste Terminal Storage Program at the Nevada Test Site.

Nomination of officers for next year was held, as was discussion about our Section’s participation at the Institute’s 1983 Annual Meeting in Casper. We selected our Advisory Board Delegate, discussed dues, especially those delinquent, membership, and future meetings.

Our Section has two members from Sparks, two from Carson City, and eleven from Reno who I certainly hope will make every effort to attend future meetings. Because of distance to travel and short notice, I hardly expect our two members from Elko, one from Boulder City, and six members from Las Vegas to travel to Reno: You are cordially invited, of course, but I can appreciate the many reasons why you might not attend. I hope to arrange for a Section meeting in the Las Vegas area in June, and will personally communicate meetings’ results to our members in Elko.

If you have questions or comments call me at my office between 8 and 5 at 322-2604.

William E. Nork, President

CAPITOL

In keeping with our tradition of at least one evening meeting per year, a dinner meeting was held on Tuesday, May 17, 1983, at the International Hotel at Baltimore-Washington International Airport. Dennis Kostick, our program chairman, successfully arranged for the talk which was given by: Dr. Daniel Stanley, Marine Geologist, Smithsonian Institute, Washington, D.C.

Dr. Stanley discussed the expert testimony which he presented at the International Court of Justice concerning an offshore territorial dispute between Libya and Tunisia. Plate tectonics was used as a basis of argument.

Everyone enjoyed the dinner and the interesting and entertaining talk.

ALABAMA

According to AIPG Alabama Section President Henry N. McCarl, the prototype AIPG questionnaire was circulated in 1982 to selected geologists in the state to ascertain their attitudes towards Professional Registration for Geologists. The Section took the initiative on this issue due to its concerns about registration nationwide and in adjoining states.

McCarl said: “The law seems to be working well in Georgia, and we hope to establish reciprocity with them if a similar law is passed in Alabama. We would not expect to require registration of geologists who are routinely engaged in research and field work not involving public safety and/or welfare. However, many problems involving geology and the public welfare are possible due to the lack of State registration and/or certification. . . . Our Section is proceeding slowly in the direction of introducing state legislation to permit registration, based on the results of our 1982 survey.”

JOBS FOR GEOLOGISTS...

<table>
<thead>
<tr>
<th>Dept. Interior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bureau of Land Management</td>
</tr>
<tr>
<td>Assistant Director, Mineral Resources &amp; Mining Law</td>
</tr>
<tr>
<td>Washington, D.C.</td>
</tr>
<tr>
<td>Annon. No. WO-83-21</td>
</tr>
<tr>
<td>Contact: Branch of Employment (831); telephone (202) 343-2289</td>
</tr>
</tbody>
</table>

| Bureau of Land Management |
| State Director, Eastern States, Alexandria, VA |
| Annon. No. WO-83-20 |
| Contact: Branch of Employment (831); telephone (202) 343-2289 |

| Geological Survey |
| Supervisory Geophysicist GM-1313-15 |
| Geologic Division, Golden, CO |
| Annon. No. 83-72 |
| Contact: Reggie Mervine, telephone (703) 860-6131 |

| Dept. Commerce |
| National Oceanic & Atmospheric Administration |
| Assistant Administrator for Ocean Services and Coastal Zone Management |
| Washington, D.C. |
| Annon No.: NOAA/NOS 83-39 MMT |
| Contact: Marie Travis, telephone (202) 443-8186 |

| Assistant Administrator for Oceanic & Atmospheric Research |
| Rockville, MD |
| Annon No.: NOAA/HQ #83-27 |
| Contact: S. Cigar, telephone (301) 443-8373 |

| Dept. Energy |
| Assistant Manager for Energy Research & Technology |
| San Francisco Operations Office |
| Oakland, CA |
| Annon. No. 83-89 |
| Contact: Angela M. McKnight, telephone (202) 252-8453 |

| Environmental Protection Agency |
| Region V—Chicago, IL |
| Director, Waste Management Division |
| Annon. No.: EPA-3-R-3080 |
| Contact: Barbara Perkins, PM 212, telephone (202) 382-3328 |

| Region 1—Boston, MA |
| Deputy Regional Administrator |
| Annon. No.: EPA-3-R-3082 |
| Contact: Edna Morse, telephone (202) 382-3328 |

THE PROFESSIONAL GEOLOGIST
PETER ROSE, CPGS 3676, has been named to the Leslie Bowling Professorship in Geological Sciences, University of Texas, Austin, for spring 1983 semester. He is currently with Telegraph Exploration Co., Telegraph, Texas.

MICHEL HALBOUTY, CPGS 10, Houston independent, was named 1983 Distinguished Texas Scientist of the Year by the Texas Academy of Sciences. He received the award in March during the 86th annual meeting of the academy at Stephen F. Austin State University of Nacogdoches. The award is given for long-term achievements in research or in scientific publishing.

Halbouty was also recently awarded the Herbert Hoover Medal for 1982. The award is for public service in civic and humanitarian affairs outside the professional area.

C.G. GROAT, CPGS 2774, has been appointed Assistant to the Secretary of the Louisiana Department of Natural Resources. In this position he has administrative responsibility for land, water and research programs, including the Louisiana Geological Survey, Division of State Lands, Coastal Zone Management Program, and Research and Development Division. He will continue to serve as State Geologist and Director of the Louisiana Geological Survey.

J.R. (REG) PIERSON, JR., CPGS 1330, has been elected Vice President—Exploration for Lyco Energy Corporation, Dallas. Mr. Pierson’s responsibilities will include the overall management of Lyco’s exploration program. Mr. Pierson has more than 25 years experience in petroleum exploration positions, most recently serving as a petroleum consultant. Until May 1982, he was one of the founders and President of Quanah Petroleum of Dallas. Prior service included exploration management responsibilities with Edwin L. Cox, Champlin Petroleum Co., and Chevron. Mr. Pierson earned his degree in geology from Dartmouth College and has completed graduate work at Kansas University.

L. Joy Hampton, and WILLIAM E. HARRISON, CPGS 3319, both of the Oklahoma Geological Survey, received distinguished service citations from the Oil and Gas Division of the Oklahoma Corporation Commission.

DENNIS L. BELL, CPGS 4953, has been named exploration manager, Southwest Division, Worldwide Energy Corp., Midland, Texas.

TED FAUTIN, CPGS 2351, has been named geological manager, Aminoil USA Inc., Denver. Previously, Ted was president of Grills Oil and Gas Co., Englewood, Colo.

ERNEST P. OTTO, CPGS 5137, has been named district geologist, Axem Resources Inc., Denver. Ernie was previously a consultant in Denver.

JESSE L. GEORGE JR., CPGS 2889, has been named chairman and president, Deminex U.S. Oil Co., Dallas. Jesse was previously chairman, Williams Exploration Co., Tulsa, Okla.

ERNST P. KNIRK, CPGS 3617, has been named district manager, Pioneer Production Corp., Lafayette, La. Ernie was previously exploration manager, Hamilton Brothers Oil Co., Lafayette.

FREDERICK L. KADEY JR., CPGS 105, has been elected a Director for 1983 of the American Institute of Mining, Metallurgical, and Petroleum Engineers, Inc. (AIME). He is Senior Consultant in Industrial Minerals, Manville International Corporation. He joined the Company in 1951 as Petrographer, and until 1971 was Section Chief in Research and Development. Prior to his present position, he was Exploration Manager for the Corporation’s domestic and foreign industrial minerals activities. Mr. Kadey holds a B. Sc. degree in geology from Rutgers University and an M.A. in geology from Harvard. He is the author of several articles, including the Perlite and Diatomite Chapters for the 5th edition of Industrial Minerals and Rocks, and maintains an independent consulting practice.

The Gulf Coast Association of Geological Societies has announced new officers for 1982-83.

They are SARAH CHILDRESS, CPGS 4543, Latham Exploration, Jackson, Miss., president; JOHN PALMER, CPGS 3034, independent, Shreveport, La., vice president; Simeon Ann King, Hughes and Hughes, Jackson, secretary; P. David Cate, First Energy Corp., Jackson, treasurer; and JOHN AMORUSO, CPGS 1745, independent, Houston, past president.

The Association for Women Geoscientists held a Dallas breakfast meeting on April 19th in conjunction with AAPG’s annual convention.

DORIS M. CURTIS, CPGS 4117, Houston consultant and AAPG Distinguished Lecturer, spoke at the meeting. Her talk was on the “pulse and temperature of the geological community.”

HOLLIS D. HEDBERG, CPGS 223, was honored by the American Geological Institute at AAPG’s Dallas convention April 19th.

Hedberg, Princeton University emeritus professor geology, received the AGI Medal in Honor of Ian Campbell.

Hedberg earned a bachelor’s degree from the University of Kansas in 1925, a master’s from Cornell University in 1926 and a doctorate from Stanford University in 1937.

He worked with Lago Petrol Corp. in Venezuela (1926-28), with Mene Grande Oil Co. in New York and Pennsylvania (1928-64) and with Gulf Oil Corp. in Pittsburgh (1964-present).

Hedberg was AGI president in 1962-63. He received AAPG’s Sidney Powers Memorial Medal in 1963, the President’s Award in 1972 and the Human Needs Award in 1973. He has served in a number of national and international committee projects.

The AGI award is offered once a year to candidates whose careers are comparable to that of the late Ian Campbell (EM ’26).

An AIPG Member has been named to the national executive committee of the Association for Women Geoscientists (AWG). She is LOIS ONGLEY, CPGS 5007, consultant, Oklahoma City, named Treasurer.

Other AWG officers for 1983-84 are Vicki Cowart, American Quasar Petroleum Co., Denver, President; Nancy Banta, University of Texas, Austin, Vice President; Laurie Langer, Southern California Gas Co., Los Angeles, Secretary; Sigrid Asher, USGS, Denver, Editor, and Jessica Donovan, Dames and Moore, San Francisco, Past President.

‘Jake’ Simmons Interior Under Secretary

Joseph Jacob (Jake) Simmons, III, a member of the Interstate Commerce Commission, has been approved and appointed to the post of Under Secretary of the Department of the Interior.

Born in Muskogee, Oklahoma, March 26, 1925, Simmons attended public schools there and was graduated from St. Louis University in 1949 with a B.S. degree in geological engineering. He has been a practicing geologist both in the United States and abroad.

Simmons was appointed as a democratic member of the ICC by President Reagan in April 1982 for a three-year term. From 1970 to 1982, he was government relations vice president with the Amerada Hess Corp.; from 1968 to 1970, he was with the Interior,
Applications Received—April 1983

Applicants for membership must meet AIPG's standards as set forth in its Constitution on education, experience and competence, and personal integrity, and for Associate status, the same except for experience. If any member has any factual information as to any applicant's qualifications in regard to these standards, whether that information might be positive or negative, please mail that information to Headquarters within thirty (30) days. This information will be circulated only so far as necessary to process and make decisions on the applications.


BENNITT, Norman L., 5609 N. Pike Street, Golden, CO 80403. Sponsors: Richard A. Forrest, Dave Chambers, Clinton S. Ferris Jr., Alton V. Gallagher, Maurice Castagne.


BRATTON, Malcolm J., 5505 West Caryl Avenue, Littleton, CO 80123. Sponsors: Hal Dunn, John Lucken, Don Mettler, Don Fraser, Jim Ellerton.


CURRY Jr., William E., 1305 Park Harvey Center, Oklahoma City, OK 73102. Sponsors: James P. Barnhart, Paul B. Pipes, George D. Thompson, David M. Pulling, Alan W. Blair.


DWELLEY, Richard C., P.O. Box 367, Cripple Creek, CO 80813. Sponsors: Clarence J. Wendt, Jack C. Webster, Allan Dean Wood, Robert J. Lickus, Robert M. Hutchinson.


McGILL, Kenneth, 217 Wilbur Avenue, Cherry Hill, NJ 08002. Sponsors: Dennis Units, Michael Benner, James Villeaume, James Ursic, Richard J. Carlton.

NEELEY, Mark R., Route 5, Box 133-C, Prestonsburg, KY 41653. Sponsors: Donald C. Haney, Larry Rhodes, Lou Posmoot, Norman Hester, Paul Lyon.


ROGERS, Robert K., P.O. Box 59, Anchorage, AK 99510. Sponsors: Charles G. Bigelow, Jack F. McQuat, Anita Williams, Rick Fredericksen, Jason Bressler.


SPECHT, Ralph W., 1712 East 24th St., Casper, WY 82601. Sponsors: Daniel M. Miller, Jimmy E. Goolsby, Steven G. Reid, Herb Waterman, Lowell K. Lischer.

STEVENS, Alan H., Tenneco Oil Company—Int'l Division, Box 2511, Houston, TX 77001. Sponsors: W.T. spurlock, J.G. Parrish, J.H. Ruffin, David Henderson, B.H. Griesedieck.


Kansas: Tough New Severance Tax

The Kansas legislature has passed one of the nation's stiffest oil and gas severance taxes and sent it to Democratic Gov. John Carlin for his promised signature. The levy, the result of a three-year political morality play that took center-stage in last autumn's gubernatorial election, will raise an estimated $108 million this year for the state government's needy treasury.

Starting May 1, the state will levy an 8 percent tax on the wellhead price of oil and gas production. The incremental burden will be less than that, though, when credits and exemptions are taken into account. The biggest one: oil production will merit a credit of 3.67 percent—leaving an effective severance tax rate of 4.33 percent—to counterbalance the bulk of the ad valorem (property) tax that oil producers already must pay to the local county. Natural gas production will get a 1 percent credit for ad valorem taxes—less than oil, on the theory that interstate pipelines can pass severance and ad valorem taxes through to their customers under the federal regime of price controls.

Three sorts of wells will be exempted entirely from the new tax—an unusual approach. Exemptions will be accorded to oil wells that produce less than 2 barrels per day—less than 3 b/d for wells deeper than 2,000 feet—and to gas wells that earn less than $81 daily.

Kansas' severance tax will be imposed on two resources other than oil and gas—on coal and salt. But the coal tax—$1 per ton—is drafted in such a fashion that it will apply only to a single mine, which can pass its tax through to an out-of-state purchaser. The salt tax amounts to 4 cents per ton. Coal and salt together will raise an estimated $1 million.
Update On Certification/Registration Activity

PENNSYLVANIA

We shall overcome the obstacles before our profession and achieve legal recognition of geologists during this legislative session. We are doing the following:

• We have hired a professional lobbyist, Bruce Johnson, to be paid out of a special fund now being collected. As of March 21, we passed the $2,000 mark with contributions from 24 members. That’s an average of $83 per contributor, but only $12 per member. We need an average contribution of $50 from all 170 members. If you haven’t sent your contribution yet, please do so. We are $5,000 under our goal.

We are collecting data to present to legislators and legislative committees. These data will outline the history of our efforts, document cases where licensed geologists were needed, and defend the need for a licensing bill.

• We are trying to get the State to accept AIPG Certification in lieu of a licensing board. This would hold down costs, and correspondingly hold down registration fees.

• We are trying to get the Engineers board to accept geologists as fully recognized professionals, with membership on their board and specific requirements for registration as geologists (not as specialized engineers).

WHAT DOES THE BILL SAY?

Instead of sending our copies of the last bill, I will summarize it and keep you up to date on any changes in the new bill. The critical points in the bill are as follows:

• It will spell out the areas where geologists have legal responsibility for the public welfare. This will insure a place for geologists on the team.

• It will exempt government employees, teachers, or those working for another registered geologist. An amended form of the last bill unexempted State geologists. How do you feel about this?

• It will charge a reasonable fee (less than $50 per year). This will depend on the cost of a licensing board.

• It will set qualifications similar to identical to AIPG Certification.

• It will “grandfather” (grandparent) experienced geologists and presently registered “geological engineers.” I repeat: presently registered. Geological engineers, however, would continue to do “geotechnical engineering” with or without a geologist within the guidelines of the team rules (see California responsibilities of Engineering Geologists and Civil Engineers, above).

• It will not conflict with the engineers, architects, and landscape architects registration bills—but will give geologists a front row seat among those presently registered professionals.

STRATEGY

An overwhelming majority of geologists in Pennsylvania are in favor of the licensing bill. Those against it, or seem to be neutral fall into several categories: (1) Some who are already registered engineers (there are about 10 in this category); (2) Some who are in government service, who may not be affected; (3) Some who look at licensing as a form of unnecessary government control; (4) and those who are misled as to the provisions of the bill.

To those bona fide geologists who are also registered engineers, I ask that you should admit that all geology is not engineering, that geology is a separate profession on par with engineering, and therefore, deserves its own legal recognition. To those in government service, I guarantee that you will benefit from the registration in the expansion of geologic professionalism in your State. Is the registration bill unnecessary government control? In states that have registration, it means that geology can be practiced as a profession on par with engineering, architecture, surveying, and landscape architecture, without challenges to the geologist for doing geology. In California, grading, planning, building, etc., require a geologist on the team—not a registered engineer or geologist. If you are concerned about wording in the bill, please work with us to clear up any misunderstandings. Even if the bill passes with less than perfect wording, we can change it after we are licensed.

HERE IS HOW YOU CAN HELP:

• Send in your money for the lobbyist fund ($50 suggested minimum) to: Dave Richards, U.S. Geological Survey, Rm. 2204, 1000 Liberty Avenue, Pittsburgh, PA 15222.

• Send in your documentation of how the public welfare has been threatened because geologists have not been included on the team (Pennsylvania plus elsewhere) to: Dick Wright, R.E. Wright Assoc., 3240 Schoolhouse Rd., Middletown, PA 17057.

• Write to your legislators. Get the names and business addresses, and give the reasons, especially your personal reasons for registration. Can we help you do this?

PLEASE HELP!

Alan M. Jacobs, Section President

KENTUCKY

Wallace W. Hagan, President of AIPG’s Kentucky Section, and Terry Sole, Chairman of the Section’s Legislative Committee, had this to say in a recent letter to Federal and State officials:

“Geologists who are employed in the coal industry in Kentucky are concerned because geologists are left out of KRS Chapter 350 of the Kentucky Surface Mining Law in KRS 350.010 (17), 350.060 (8) (a), and KRS 350.060 (10), and an addition is needed to 350.062 (9).

The Kentucky Law should be amended in the 1984 Kentucky legislature in order to meet the requirements of the federal law.

Public Law 95-87, the federal surface mining law, sections 505 (a) and 507 (d) indicate a state law shall not be less stringent than the federal law, yet KRS 350.060 (8) (a) does not conform to PL 95-87, 91 STAT 476 (14) which states “prepared by or under the direction of and certified by a qualified professional engineer or professional geologist.” The words professional geologist are not included in the KRS statute.

The objection not to include professional geologists in the Kentucky statute because Kentucky does not have a law defining professional geologists, does not recognize the fact there are 72 professional geologists in Kentucky certified by the American Institute of Professional Geologists, which has 4400 members. Of the Kentucky members, 17 are registered under the state law of Indiana, 1 in California, 1 in Georgia, 1 in Maine, and 1 in Oregon, all under state registration laws. Our neighbor Virginia has a state registration law for professional geologists, and Tennessee is working on a bill.

Thus to amend KRS 350 at the appropriate places to include professional geologists, should not eliminate these professional geologists because Kentucky does not presently have a certification or registration law for professional geologists.

When PL 95-87 is amended, consideration should be given to the fact there are professional geologists and engineering geologists who are qualified to do the environmental coal studies as
required under PL 95-87, 91 STAT 489 (B) (ii), 91 STAT 492 (22)
(H), 91 STAT 493 (B) (vii), and 91 STAT 495 (B). At present the law
only lists professional engineers in these sections. We rec-
ommend that professional geologists and other qualified persons be
added. If this is done, then Kentucky should do the same as
indicated on page 2 of our recommendations enclosed under
350.440 (8), and KRS 350.450 (3) (c) (2)."

ILLINOIS-INDIANA

Donald D. Carr wrote to advise: "In regard to your inquiry on
status of certification in Indiana, I checked with our main office
and found that as of March 10, 532 geologists are certified accord-
ing to Indiana law (I.C. 25-17.5 and I.C. 14-3-2-3). Of this number
about 175 are AIPG members.

Don also sent along a copy of the Indiana law, Department of
Natural Resources Certification of Geologists Regulation No. 1.
Under SECTION 5: QUALIFICATIONS it reads: (a) "Be certi-
fied by the American Institute of Professional Geologists. A
person who is in good standing as a member of the American
Institute of Professional Geologists, and who has been certified
by that organization, is deemed to be eligible upon application
and payment of applicable fees to become certified under the
Act."

MISSOURI

Paul Dean Proctor, Missouri Section AIPG President, reports
that "after considerable effort on the part of the task force of
AIPG and AEG in Missouri, committee meetings were held on
House Bill 286, the geology definitions bill, under the chairmans-
ship of State Representative Jerry McBride, a similar bill, SB 64
was introduced in the Missouri Senate under Senator Norman
Merrill. We have high hopes that the Bills will pass."

TENNESSEE

Don Smith, Secretary-Treasurer, Tennessee Section, AIPG,
has sent out a questionnaire on state registration or certification
of geologists. The opinion questionnaire was sent to all geologists
whose names are published in the directories for AIPG, AIME,
AAPG, AEG, and GSA.

Smith advises that results are now being tabulated. A good
cross-section of the geologists in Tennesse replied. The Section
plans to call a state-wide meeting sometime this spring to discuss
registration, air all gripes and, hopefully, unite the profession.

Don also offers the following: "Regarding the difference
between registration and certification. As I understand it, Regis-
tration is a state-imposed regulation that requires all persons
practicing the profession of geology within that state to be regis-
tered; the exceptions being all teachers, government employees,
and people working for a company and within that company
structure. Certification is a means by which the public can recog-
nize that geologist who has been judged by his peers to be worthy
of public trust in the practice of their profession. (I took this from
AIPG . . . What it is What it Does.) Comments please?"

VIRGINIA

James F. Conley, President, Virginia Section AIPG, writes:
"In regard to your recent inquiry on the status of the Virginia
Law for Certification of Geologists in Virginia, House Bill 1039,
for certification of geologists, was signed into law on March 11,
1981, to become effective on July 1, 1981. A board of examiners for
certification was appointed by outgoing Governor Dalton, but,
because the Legislature was not in session between July 1 and the
end of Governor Dalton's term the Board was never approved by
the General Assembly. Upon taking office, Governor Robb
appointed a new board. Public hearings on rules and regulations
for certification were held on October 27, 1982, in Richmond.
These rules and regulations have been submitted to the Legisla-
tive Oversight Committee who must revise them, after which
they must be approved by the Legislature, hopefully during the
present session.

“Anyone wishing to apply for certification in Virginia should
contact: Ms. Nell J. Stroupe, Acting Executive Director, Board of
Geology, Department of Commerce, 2 South Ninth Street, Rich-
mond, VA 23219.

"A final date for registering under the grandfather clause was
set for sometime in March, 1983, but due to the time required to
approve the rules and regulations for certification, this date proba-
bly will have to be revised."

OREGON

The status of registration in Oregon per a recent letter from
Section President Robert L. Gamer, is that about 800 geologists
are registered in the state. Five local registered geologists and one
non-professional make up the Board of Registering Geologists.
This Board reviews applications for licensing. It also makes up
an examination which the applicants must pass in order to
become registered.

Currently, the Board is having difficulty preventing unli-
censed people from illegally practicing geology. The District
Attorney is reluctant about prosecuting such offenders. There is a
movement to amend the licensing law and make it mandatory for
the District Attorney to prosecute violators of the State Licensing
Law. The State expects to reduce the cost of registering and of
renewing registration in the near future.

DELAWARE

Emil Onuschak, Jr., Chairman, has written: "The Delaware
State Board of Registration of Geologists is very interested in the
interstate recognition of registered professional geologists and
has been working for several years to facilitate this recognition.
On January 28th, 1983, the Board called a special evening meet-
ing to tell interested geologists in the Mid-Atlantic area of its
efforts in this regard and to invite comments from those from
those who may have had experience with the interstate recogni-
tion procedures in other areas. Two regional sections of AEG and
three sections of AIPG graciously consented to help the Board
publicize this important meeting."

CALIFORNIA

According to word from Bruce Barron, AIPG California Sec-
tion President, "The renewal registration fee has been sent to all
registrants, starting in 1983. Elimination of the "great grand-
father clause" is almost assured, although many favor holding
the clause for registration of exceptional persons whose previous
employment may have made registration not viable. However,
legal council has warned that "clear-cut language" must be util-
ized to allow retention of this article. Almost all geological and
geophysical societies in the state are presently attempting to
come up with favorable wording. The possibility of only one
examination per year is being considered; to reduce the Boards' 
overhead, and reduce the number of good examination questions
that are constantly needed."
The California Board of Registration for Geologists and Geophysicists recently met with the Southern California Section of AEG. Two AIPG Members are on the Registration Board, so we are well represented and kept well-informed.

In a related development, last year the Board decided not to honor the "great grandfather" clause. They denied applications under that provision and said that applicants would have to take the examination. Some individuals suggested that their decision was ill advised and perhaps illegal. In February, the Board stated that on legal advice they had revised their decision and would now reconsider applications under the great grandfather clause.

California registers both geologists and engineers, and spells out the responsibilities of each on geotechnical projects in the following categories: 1. CLASSIFICATION AND PHYSICAL PROPERTIES; 2. ROCK MECHANICS; 3. SLOPE STABILITY; 4. MAPPING; 5. PROJECT PLANNING; 6. SURFACE WATERS; 7. GROUNDWATER; 8. EARTHQUAKES; 9. EXPLORATION; 10. DESIGN AND SUPERVISION; 11. GEOPHYSICS.

RESPECTIVE RESPONSIBILITIES OF THE GEOLOGIST AND THE CIVIL ENGINEER

The Geologist
a. Description of the geologic environment pertinent to the engineering project.
b. Description of earth materials, their distribution and general physical/chemical characteristics.
c. Deduce the history of pertinent events affecting the earth materials.
d. Forecast future events and conditions that may develop.
e. Recommendation of materials for representative sampling and testing.
f. Recommend ways of handling and treating various earth materials and processes; recommend or provide criteria for excavation design, particularly angle of cut slopes, in materials where engineering testing is inappropriate or where geologic elements control stability.
g. Inspection during construction to confirm conditions.

The Civil Engineer
a. Direction and coordination of team efforts where engineering is predominant factor.
b. Control project in terms of time and money requirements and degree of safety desired.
c. Engineering testing and analysis.
d. Review and evaluate data, conclusions, and recommendation of team members.
e. Decide on optimum procedures.
f. Develop designs consistent with data and recommendations of team members.
g. Inspect during construction to assure compliance.
h. Make final judgments on economy and safety matters.

DIFFERENCES

GEOLOGY

Training
Physical sciences
Natural sciences
Scientific methods
Observation
Interpretation

Practice
Research
Examination

MAY-JUNE, 1983

CIVIL ENGINEERING

Training
Physical sciences
Mathematics
Research techniques
Design methods
Economics

Practice
Measurement
Testing

COMMON EFFORTS

Site selection
Describing and explaining site conditions
Planning investigations
Conducting field exploration
Stability
Selecting samples for testing
Construction inspection
Interpretative data
Urban planning
Environmental considerations

MINNESOTA—WISCONSIN

Section President James I. Hoffman in a recent letter to Headquarters stated: "I agree with the need for a specific procedure concerning state registration. I think the questionnaire is a good method of seeking information, and it has sufficient questions to sort the responses as to job type, experience, and with a modification of #1, education, in order to identify the pro and con pressure points. I have changed my own opinion on registration in the last few years from one of pro to con, and view it now as a money making scam for a section of state government and an obstruction to geologists practicing their profession."

LOUISIANA

Proposed legislation concerning the registration of geologists has been introduced in Louisiana. This bill will be considered in the upcoming session of the state legislature, according to information received from Scott M. Daniel, AIPG Louisiana Section Secretary-Treasurer.

The measure is being monitored by H.G. Collier, Jr., Chairman, Geological Registration, New Orleans Geological Society, and David E. Pope, Baton Rouge Geological Society.

According to a letter from Pope: "In the draft of the proposed legislative act to define and license professional geologists, the intent is to exempt all geologists and geophysicists (including consultants) but not to exclude them. They may apply for licensing if they wish.

Members of AIPG, SIPES, and DPA-AAPG will be licensed without further requirements. Also those qualified by education and experience will be accepted similarly."

"This bill is directed at environmental practitioners, whose firms are usually headed by a civil engineer and may or may not include a geologist. Many current state laws and regulations equate any licensed engineer with a qualified geologist. This bill requires these firms to have their geological work certified by a qualified geologist. This will help to insure the safety, health and property of the people of Louisiana.

NEW JERSEY

A registration bill with apparently good chances of passage has been introduced into the New Jersey legislature. Geologists from AIPG’s Northeast Section involved in this effort have expressed keen interest in the subject of interstate recognition and a strong desire to minimize any administrative barriers in facilitating such recognition.
Fed Legislative Regulatory Issues Reviewed

By Russ Wayland
Washington Representative

In the 97th Congress of 1981/1982, the average Representative filed 21 bills or resolutions, and the average Senator filed 40, for a total of over 13,000. Congress, however, passed only 473, many of them routine appropriations bills or inconsequential resolutions. The important bills that pass have the support of committee chairmen, and are usually much modified in mark-up sessions or in House/Senate conference.

Also bulking large in the Washington paper mill are the much padded Congressional Record and the Federal Register. Much of the time of your Washington Representative is spent plowing through the latter for the one percent of items in print that might have significance to some geologists. The results of much culling during recent weeks are passed on to you as follows:

Lobbying efforts—In recent quarterly reports to Congressional clerks, it appears that Common Cause spent the most money lobbying Congress, followed by Handgun Control Inc., the American Petroleum Institute, the Sierra Club, the American Postal Workers Union and the American Medical Association.

Strategic Minerals—The Defense Production Act has been extended (P.L. 98-12) for only 6 months, (to 9/29/83) during which time funding of Title III will be discussed. In a related move, H.R. 33 would transfer management of the strategic materials stockpile from the Federal Emergency Management Agency (FEMA) to the Secretary of Defense. There it would be subject more to concepts of defense readiness and less to the desire to influence commodity prices and to raise revenues. At present, appropriations for the strategic minerals stockpile come from Congressional subcommittees with no jurisdiction over defense matters.

Congressman Young (AK) is pushing a top-level council to follow up on the President’s minerals policy statement of 4/5/82, but conservation groups oppose any legislation that could establish mining as the dominant use in public lands.

Congressional Fellows—Richard W. Fass, now at Lafayette College, PA, spent 1982 as the American Geological Institute’s Congressional Fellow. He was on the staff of a Maryland Congressman. His letter report published in Geotimes April, 1983, emphasizes his observation that Congressmen vote their constituency. “An informed constituency is more important than an informed Congressman.”

The Clean Air, Clean Water, and Resource Conservation and Recovery Acts are all active in Congress since they need reauthorization. Most of the attention is to clean air, where S.768 (Stafford) is the same as approved by the committee last year. It sets a ceiling on sulfur dioxide emissions by 1995. On Clean Water, the Senate is working on S.431 (Chafee) and S.432 (Randolph). The American Petroleum Institute contends that S.431 would “severely constrain the flexibility that the states need to effectively manage their water quality programs.”

Water Resources Planning Act—P.L. 89-80 required the Water Resources Council to establish principles, standards and procedures for water and related land resources studies. The original regulations have now been extensively revised and the new guidelines were approved by the President on 2/3/83. They become effective 7/8/83 and apply to Bureau of Reclamation, the Corps of Engineers, the Soil Conservation Service, and the Tennessee Valley Authority (48FR 10259 of 3/10/83).

Wetlands—Key Committee members in both houses of Congress are saying that the Administration bill (H.R. 2268) does not go far enough in safeguarding habitat, in acquiring more wetlands, and in tax incentives for preservation. And they say it allows too many exceptions.

Marine Sanctuaries—Congressman Breaux (LA) has introduced H.R. 1633 which would reauthorize the program, but, would require that the sanctuaries be designated by act of Congress rather than by the Secretary of Commerce. His bill would also limit future sanctuary nominations to “sites with nationally significant values.” Other reauthorization bills are in both Senate and House. H.R. 2062 would double, to 120 days, the time allowed Congress to veto a Commerce designation. Congressman Young (AK) has a bill that would kill the program. The American Petroleum Institute claimed, in a statement filed on H.R. 1633 on 3/22/83, that “vast ocean areas have been designated as sanctuaries for the primary purpose of prohibiting oil and gas leasing and development activity.” The Western Oil and Gas Association has similarly testified.

Meanwhile, NOAA published a Proposed Site Evaluation List on 3/1/83 (48FR 8527), with comments due by 5/31/83. From that list, NOAA will select up to 40 possible candidates for marine sanctuaries, excluding Alaska.

Of the six marine sanctuaries already designated, only the Channel Islands Sanctuary, CA, impinges on submerged lands of recognized oil and gas potential. It adds three nautical miles of federal lands to the three nautical miles of state lands surrounding the islands.

Exclusive Economic Zone—The President’s proclamation No. 5030 of 3/10/83 has stimulated bills that seem to me to be hastily compiled by Congressional staff. These bills, S. 750 and H.R. 2061, would upset some existing lease rights under the Outer Continental Shelf Lands acts of 1953 as amended (P.L. 96-283 of 6/28/80). OCS leasing is not limited by distance from state boundaries, but only by the depth of water exploitable by technology. The President’s proclamation puts the EEZ boundary at 200 nautical miles, although 8 of the 14 OCS planning areas for oil and gas extend in part beyond that distance. Now the bills would attempt to redefine the outer limits of both the OCS and the EEZ in terms of the “foot of the continental slope.” Few persons could agree on such a location. It seems likely that the Gorda Ridge now being considered for leasing would be excluded by the bills but not by the EEZ proclamation or the OCS acts.

Offshore Sulfide Ores—The Minerals Management Service has announced its intent to prepare an environmental impact statement looking toward leasing polymetallic sulfide minerals in the Gorda Ridge off California and Oregon (48FR 12840 of 3/28/83). The area is an active seafloor spreading center 100 to 200 miles offshore.

The Deep-Sea drilling program is being switched by the National Science Foundation from Scripps Institute of Oceanography to Texas A&M. The Joint Oceanographic Institutions board of governors made the choice because of A&M’s funding commitment and its engineering expertise.

The decontrol of old natural gas is a geologic as well as an economic issue. An AAPG position paper sent to Congress this April argues, among other things, that present controls discouragement replacement of cheap gas and encourage the costly pursuit of more expensive gas. Many old wells are prematurely abandoned when they should be acidized, fractured, drilled deeper, recompleted, etc. As long as the old fields can still operate, the facilities for this work are already in place.

Tactically, Senator McClure wants his Energy and Natural Resources Committee to report a bill in time to allow floor scheduling in May or June. This could precipitate House action. Mark-up is on S. 615, the administration (Hodel) bill that would decontrol all gas, including old gas, by 1/1/86, but supporters concede that Congress probably will not buy it.

The National Petroleum Council was for many years advis-
ory to the Secretary of the Interior but was switched to the Secretary of Energy when that Department was formed. Like many other agencies in Washington, the NPC has reading rooms for public review of current documents, including minutes of its meetings.

Geological and Geophysical Exploration of the Coastal Plain, ANWR, Alaska—Final regulations were issued April 19 by the Fish and Wildlife Service (48FR 16838-16871) on exploration in the Arctic National Wildlife Range. They require "raw data and information" to be available to the public but authorize the withholding of "processed, analyzed and interpreted data." The argument over which is which became moot when the Act was amended in December 1982 to allow the Secretary to exclude from future lease sales, if any, those "persons" who do not participate in the explorations or who do not buy the information later from a permittee.

Geothermal Resources—Senate geothermal bills by Jackson and by McClure differ chiefly in Jackson involving the issue of proximity to many National Parks, while McClure involves only Yellowstone. A compromise is expected.

Final leasing rules were issued 4/20/83 by BLM (48FR 17042). Still open for future amendment are issues raised by commenters. One issue is the number of overlapping lease applications necessary to trigger KGRA classification, mandating competitive leasing, should be increased. Another issue is that the Secretary should give greater weight to geologic indices.

High-level Nuclear Waste Disposal—Additional hearings were held on the proposed standards published 12/29/82 (47FR 58196-58206). The Denver hearings were May 19-21 and the Washington, D.C. hearings were May 12-14. The focus was on adequacy and appropriateness of the standards.

Separately and earlier, the Department of Energy scheduled hearings on the proposed nomination of sites in salt deposits in MI, LA, TX and UT. Written comments were due 5/1/83 (48FR 15947 of 4/13/83). Local political opposition is growing.

For the Hanford Reservation Basalt Waste Isolation Project, WA, the Nuclear Regulatory Commission has published a Draft Site Characterization Analysis. Single copies are available from the NRC, Washington, D.C. 20555 (48FR 16154 of 4/14/83).

Also for Hanford, the Department of Energy intends to prepare an EIS on the geologic disposal alternative and the "on-site stabilization and isolation" alternative. Only 30 days, now expired, were allowed for comments (48FR 14029 of 4/1/83).

For the Waste Isolation Pilot Plant (WIPP) site at Los Medano, NM, the Department of Energy invites comments by 5/31/83 on its Site and Preliminary Design Validation, WIPP-DOE-161 (48FR 13486 of 3/31/83).

Interim storage of low-level nuclear wastes was specifically provided for in the new Nuclear Waste Policy Act of 1982 (P.L. 97-425) approved 1/7/83. So far there is considerable foot dragging in the six compact regions. The Pacific Northwest Compact has submitted a plan, but only for wastes generated in the compact area. Existing sites are only at Hanford, WA, Beatty, NV, and Barnwell, SC. Maryland was the first state in the proposed Northeastern Compact to ratify the Compact.

Hazardous Wastes—The Office of Technology Assessment (OTA) has issued a study claiming that the volume of hazardous waste produced yearly is six times greater than EPA has estimated. Much of it is fly ash, but substantial amounts of highly toxic waste are from unregulated small producers. So far, 15,000 sites are identified as needing action. New legislation is being drafted based on the OTA report. Rep. Florio's bill is H.R. 2478.

Groundwater contamination from recycled hazardous waste—A glance at a listing of 68 incidents of such damage, published by EPA in 48FR 14505-7 of 4/4/83, is thought provoking for geologists. Twenty-three of the incidents specifically mention ground water contamination, and of these drinking water contamination is mentioned in nine cases.

EPA hazardous waste permit regulations—The Environmental Protection Agency on 4/1/83 issued reorganized consolidated regulations governing the permit program for hazardous waste management under the several acts it administers. This 150 page document (48FR 14146-14295) includes underground injection control rules. EPA states that no substantive changes were made.

National Dredging Study—The Corps of Engineers has asked the National Research Council, through its Marine Board, to study future dredging needs, the adequacy of regulations, and the environmental implications of dredging and materials disposal.

The Watershed Protection and Flood Prevention Program of the Soil Conservation Service has some newly proposed regulations (48FR 12475 of 3/19/83 and 48FR 16690 of 4/19/83). Comments are due 6/20/83. Part of the program under the proposed regulations covers cooperation with state and local agencies on ground water supplies and on water quality management.

Forest Wilderness—A Third (RARE III?) review of National Forests for wilderness designations will be undertaken because courts have ruled that RARE II did not allow enough wilderness area and that its environmental impact statement was inadequate. Now all roadless areas reviewed in RARE II are to be reevaluated (48FR 16505 of 4/18/83).

Meanwhile the House on 4/12/83 passed the California bill 297 to 96. It would create 2.3 million acres of wilderness in national forest areas. Included is acreage in congressional districts opposed by the local congressman. S. 6 (Cranston) is a similar bill. The RARE II recommendation for California was for 1.3 million acres.

The Oregon bill H.R. 1149 passed the House 252 to 93. It creates 1.2 million acres of national forest wilderness, three times the amount proposed in RARE II.

For Wyoming wilderness, S. 543 passed the Senate by voice vote. It would designate 651,000 acres as wilderness. RARE II recommended 986,000 acres.

The Inside of Interior is well illuminated by a new book by Ron Arnold entitled "At the eye of the storm, James Watt and the environmentalists." (Regnery Gateway, Chicago, 1982). Chapters on Watt's life and times alternate with chapters on issues both current and inherited. The chapters on issues include recent history and an analysis of the objectives and effectiveness of Watt's principal opponents—the leadership of several large environmental organizations and of the House Interior and Insular Affairs Committee.

USGS Geologic Division Reorganization—In the first major reorganization of the Geologic Division since 1960, the new structure distributes 25 branches among four domestic program offices—Mineral Resources; Energy and Marine Geology; Regional Geology; and Earthquakes, Volcanoes and Engineering. The Offices of International Geology and Scientific Publications survive. Remaining functions are now at branch level. Robert M. Hamilton is the Chief Geologist.

Budgets—The budget for the Office of Surface Mining includes a 27 percent increase for the abandoned mine reclamation program. Justification includes the program's environmental and job-creating benefits.

The USGS budget shows cuts in orthophotoquads, in geologic and water resources studies, and in side-looking airborne radar (eliminated). Such cuts are sometimes restored by the appropriations committees.

National Geographic/USGS Map Exhibit—For the next four months, a joint exhibit is at the National Geographic Society headquarters, 17th and M Street, N.W., Washington, D.C. It marks the 100th anniversary of John Wesley Powell's plan to
map the United States topographically. Later the exhibit will
tour science museums elsewhere.

**Geologic Professionalism in BLM—**Four hundred geolo-
gists, petroleum engineers, petroleum technicians, and mining
engineers are among the 850 persons transferred 4/3/83 into
the Bureau of Land Management from the old Conservation
Division of USGS, after a year in the Minerals Management Service.
In the resulting reorganization, it is evident that geologic profes-
sionalism is being spread very thinly throughout an organiza-
tion dominated by life science, range management, or real estate
oriented surface managers. True, 12 Deputy State Directors
for Mineral Resources have been selected, 10 of them from MMS.
However, most of them are engineers, and their positions carry
no line authority. The geologists now entering BLM will usually
be isolated in some 160 District or Resource Area offices with very
limited geologic libraries and source materials, and with sparse
opportunity for frequent peer review.

Furthermore, at least some of the jobs that should apparently
be filled by earth scientists or by engineers with geologic training
are being announced as vacancies in civil service class series that
do not specifically require such professional skills and expe-
rience. Most of the field-level supervisory positions nominally
requiring mineral expertise are announced in the managerial
rather than the scientific or engineering classifications. Similar
jobs at headquarters are also going to “industrial specialists”
and “program analysts.”

Former Conservation Division onshore headquarters person-
nel will be moving from the USGS National Center, Reston, VA,
to the Interior or Atomic Buildings in downtown Washington,
D.C. in May or June as part of the reorganized BLM headquarters
structure.

**Mining Law Regulations—**Public comments to BLM from
industry generally favor retention of only the “prudent man” test
of discovery for unpatented mining claims. The National Wildlife
Federation and other environmental groups favor the market-
ability test because it would invalidate many more mining
claims.

**California Desert Conservation Area Plan—**The existing
plan for this very large area is again open for amendment. Previ-
uous amendment reviews have considered recreation, archaeology,
grazing, mining and wilderness. (48FR 7485 of 2/24/83 and 48FR
9950 of 3/9/83). The BLM District Advisory Council will publicly
review suggested amendments in Palm Springs May 19-21.

**BLM Wilderness EIS activity—**The recently expressed
intent of BLM to prepare environmental impact statements for
wilderness studies includes one for seven wilderness study areas
in the Jacks Creek area of Owyhee County, Idaho totaling
175,000 acres. Written comments are due by May 13 (48FR 11173
of 3/16/83).

**Wyoming coal drilling information from 51 government
tests is now available as the Geological Survey of Wyoming’s
130-page Open File Report 83-1. The logs, lithology and analyses
cover 41 holes in the Salt Wells area, Sweetwater County, and 10
holes in the Kemmerer area, Uinta County (48FR 16118 of
4/14/83). Data from 10 tests in Sheridan County are also availa-
ble (48FR 15013 of 4/6/83).

**Call for leasing interest in Fort Union coal.** BLM is call-
ing for expressions of leasing interest in 360,583 acres of federal
coal in the Miles City District, MT and the Dickinson District,
ND. The sale might be in September, 1985. Response was due by
5/20/83. Thereafter the Regional Coal Team will select tracts
suitable for further consideration for coal leasing through the
land use planning process. (48FR 14053 of 4/1/83).

**Areas of Critical Mineral Potential—** BLM has modified its
12/3/82 notice on this subject. Instead of a 3/7/83 deadline for
nominations, BLM now says that areas of critical mineral poten-
tial can be nominated any time. However, those nominations
received first will get first consideration. Furthermore, nomina-
tions received before June 30 of each year will perhaps be given
priority for renegotiation on the withdrawal review schedules of
other agencies. The most accurate information on the location
of withdrawn lands is available in District or Resource Area
Offices. (48FR 10757 of 3/14/83). Meanwhile BLM has received
320 recommendations for areas in eleven states as of the end of
March.

**BLM Land Use Planning Regulations—**The regulations
proposed in November 1981 were attacked by environmentalists.
Revised proposed regulations are expected soon that will
emphasize public participation opportunities, longer review peri-
ods, planning criteria, areas of critical environmental concern,
and consistency with state and local plans.

**Some current BLM land use planning—** Resource Manage-
ment Plans (RMPs) or amendments to the older Management
Framework Plans (FMPs) are underway for the following areas:

a. The Rio Puerco Resource Area in the Albuquerque District,
NM. This area includes most of five counties (48FR 12138 of
3/23/83).

b. The Northeast Resource Area in the Denver District, CO.
This one is opened for public comment in connection with pro-
posed coal leasing. (48FR 11174 of 3/16/83).

c. The Las Cruces/Lordburg Resource Area of the Las Cruces
District, NM, is having its MFP amended to reconsider con-
straints on mineral leasing in the four counties. “The energy
minerals issue involves identification and analysis of areas
where potential resource conflicts would be significant enough to
either preclude or restrict oil or gas or geothermal leasing and

d. The San Juan Resource Area of the Moab District, UT, is
scheduled for an RMP/EIS. The issues involved in the 2 million
acres of the area have been identified in local public workshaps

In view of the foregoing sampling of extensive evidence of BLM
land use planning, one wonders how the Executive Vice Presi-
dent of the National Wildlife Federation could tell his members-
ship that the 1976 law “required the agency to develop a
comprehensive and coherent management policy for our public
lands. This hasn’t happened.” Maybe he means overnight.

**GSA Hydrotechnology Symposium In NE**

A half-day session on hydrogeology is being organized for the
1984 meeting of the Northeast Section, GSA. Members and others
with professional interests in hydrology, ground water geology,
and allied disciplines are invited to submit summaries of papers
for consideration. The symposium is being organized by Frank
Wobber, U.S. Department of Energy, Washington, DC, and Jeff
Sgambar, Geraghty and Miller, Annapolis, Maryland.

“Hydrotechnology” includes the theory and the application of
advanced scientific methods and statistical approaches (for
example, predictive modeling, geophysical techniques, and
remote sensing) to hydrology and ground water geology.

A keynote speaker will be invited. Seven or eight papers will be
presented, divided between theory and application. Applications
of hydrotechnology in the northeastern United States are of par-
ticular interest.

A one-page summary (200 words or less) of the proposed presen-
tation (with author, complete address and phone number) should
be submitted as soon as possible and no later than September 1,
1983, to: Dr. Frank J. Wobber, Office of Energy Research (ER-73),
U.S. Department of Energy, Washington, D.C. 20545, 301-353-
5548. Papers not accepted for the 1984 meeting will be reconsid-
ered for 1985.
### Assets

<table>
<thead>
<tr>
<th>Description</th>
<th>1982</th>
<th>1981</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash - operating</td>
<td>$1,812</td>
<td>$12,562</td>
</tr>
<tr>
<td>Cash - interest bearing</td>
<td>$142,774</td>
<td>$121,659</td>
</tr>
<tr>
<td>Accounts receivable</td>
<td>$261</td>
<td>$2,990</td>
</tr>
<tr>
<td>Inventories: Note 1</td>
<td>$6,352</td>
<td>$5,920</td>
</tr>
<tr>
<td>Insignia</td>
<td>$825</td>
<td>$3,803</td>
</tr>
<tr>
<td>Professional guides</td>
<td>$5,485</td>
<td>$5,000</td>
</tr>
<tr>
<td>Office supplies</td>
<td>$12,062</td>
<td>$18,667</td>
</tr>
<tr>
<td>Miscellaneous, Note 2</td>
<td>$4,336</td>
<td>$2,972</td>
</tr>
<tr>
<td>Furniture and equipment, Note 1</td>
<td>$39,908</td>
<td>$20,728</td>
</tr>
<tr>
<td>Leasehold improvements, Note 1</td>
<td>$4,518</td>
<td>$10,278</td>
</tr>
<tr>
<td>Less accumulated depreciation, Note 1</td>
<td>($16,467)</td>
<td>($5,998)</td>
</tr>
<tr>
<td>Deposits</td>
<td>$1,549</td>
<td>-</td>
</tr>
</tbody>
</table>

**Total:** $209,635 \(\$190,754\)

### Liabilities and Members' Equity

<table>
<thead>
<tr>
<th>Description</th>
<th>1982</th>
<th>1981</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current liabilities:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts payable</td>
<td>$5,491</td>
<td>$5,769</td>
</tr>
<tr>
<td>Accrued taxes payable</td>
<td>$740</td>
<td>$261</td>
</tr>
<tr>
<td>Season dues payable</td>
<td>$16,388</td>
<td>-</td>
</tr>
<tr>
<td>Deferred revenue: Note 1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1983 dues received in advance</td>
<td>$155,101</td>
<td>$147,094</td>
</tr>
<tr>
<td>Suspense due held</td>
<td>$12,075</td>
<td>$9,770</td>
</tr>
</tbody>
</table>
| **Total:** $189,775 \(\$161,874\)

### Members' Equity; Note 3

<table>
<thead>
<tr>
<th>Description</th>
<th>1982</th>
<th>1981</th>
</tr>
</thead>
<tbody>
<tr>
<td>Members' equity; Note 3</td>
<td>$15,860</td>
<td>$15,880</td>
</tr>
</tbody>
</table>

**Total:** $209,635 \(\$190,754\)

### Statement of Changes in Members' Equity

<table>
<thead>
<tr>
<th>Description</th>
<th>Total</th>
<th>Unrestricted</th>
<th>Legal Reserve</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balance-January 1, 1982</td>
<td>$27,880</td>
<td>$18,522</td>
<td>$8,358</td>
</tr>
<tr>
<td>Publication transactions charged to publications fund in 1982, Note 3</td>
<td>($1,165)</td>
<td>-</td>
<td>($1,165)</td>
</tr>
<tr>
<td>Release of restriction on funds, Note 3</td>
<td>-</td>
<td>8,193</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Excess (deficiency) of revenue over expenses for 1982</td>
<td>($12,125)</td>
<td>($12,125)</td>
<td>-</td>
</tr>
<tr>
<td>Balance-December 31, 1982</td>
<td>$15,840</td>
<td>$15,840</td>
<td>-</td>
</tr>
</tbody>
</table>

### Balance Sheets

**AMERICAN INSTITUTE OF PROFESSIONAL GEOLOGISTS**

**December 31, 1982 and 1981**

### Revenues

<table>
<thead>
<tr>
<th>Description</th>
<th>Actual 1982</th>
<th>Budget 1982</th>
<th>Over(under)</th>
<th>Actual 1981</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member dues, Note 1</td>
<td>$205,850</td>
<td>$208,300</td>
<td>($2,450)</td>
<td>$197,512</td>
</tr>
<tr>
<td>Support and donations</td>
<td>$341</td>
<td>$350</td>
<td>($9)</td>
<td>$2,947</td>
</tr>
<tr>
<td>Application fees</td>
<td>$8,600</td>
<td>$7,700</td>
<td>$900</td>
<td>-</td>
</tr>
<tr>
<td>Interest</td>
<td>$11,125</td>
<td>$13,400</td>
<td>($2,275)</td>
<td>$21,948</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>$2,262</td>
<td>$3,300</td>
<td>($1,038)</td>
<td>$2,262</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$229,877</td>
<td>$237,800</td>
<td>($4,923)</td>
<td>$229,968</td>
</tr>
</tbody>
</table>

### General & Administrative Expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Actual 1982</th>
<th>Budget 1982</th>
<th>Over(under)</th>
<th>Actual 1981</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salaries</td>
<td>$43,894</td>
<td>$46,100</td>
<td>($2,206)</td>
<td>$46,284</td>
</tr>
<tr>
<td>Payroll taxes</td>
<td>$7,064</td>
<td>$4,450</td>
<td>$2,614</td>
<td>$3,231</td>
</tr>
<tr>
<td>Temporary help</td>
<td>$13,185</td>
<td>$14,300</td>
<td>($1,115)</td>
<td>$28,611</td>
</tr>
<tr>
<td>Executive committee expense</td>
<td>$7,721</td>
<td>$9,350</td>
<td>($1,629)</td>
<td>$10,156</td>
</tr>
<tr>
<td>President/Director expenses</td>
<td>$6,063</td>
<td>$9,000</td>
<td>($2,937)</td>
<td>$6,683</td>
</tr>
<tr>
<td>Retirement contribution, Note 4</td>
<td>$5,481</td>
<td>$6,800</td>
<td>($1,319)</td>
<td>$350</td>
</tr>
<tr>
<td>Employee health insurance</td>
<td>$2,659</td>
<td>$4,300</td>
<td>($1,641)</td>
<td>$1,688</td>
</tr>
<tr>
<td>Washington representatives</td>
<td>$13,662</td>
<td>$14,650</td>
<td>($988)</td>
<td>$17,861</td>
</tr>
<tr>
<td>Office rent, Note 5</td>
<td>$12,478</td>
<td>$15,375</td>
<td>($2,897)</td>
<td>$5,865</td>
</tr>
<tr>
<td>Office supplies</td>
<td>$10,190</td>
<td>$8,300</td>
<td>$1,890</td>
<td>$13,937</td>
</tr>
<tr>
<td>Postage</td>
<td>$13,637</td>
<td>$14,275</td>
<td>($638)</td>
<td>$12,008</td>
</tr>
<tr>
<td>General printing</td>
<td>$11,746</td>
<td>$12,150</td>
<td>($404)</td>
<td>$8,016</td>
</tr>
<tr>
<td>Telephone</td>
<td>$4,658</td>
<td>$5,170</td>
<td>($512)</td>
<td>$4,329</td>
</tr>
<tr>
<td>Auto expense</td>
<td>$5,252</td>
<td>$4,200</td>
<td>$1,052</td>
<td>$844</td>
</tr>
<tr>
<td>AGI assessment</td>
<td>$7,022</td>
<td>$7,000</td>
<td>$22</td>
<td>$10,548</td>
</tr>
<tr>
<td>Accounting</td>
<td>$6,100</td>
<td>$5,700</td>
<td>$400</td>
<td>$7,425</td>
</tr>
<tr>
<td>Insurance</td>
<td>$1,091</td>
<td>$1,400</td>
<td>($309)</td>
<td>$425</td>
</tr>
<tr>
<td>Depreciation, Note 1</td>
<td>$6,937</td>
<td>$6,550</td>
<td>$387</td>
<td>$3,752</td>
</tr>
<tr>
<td>Newsletter</td>
<td>$21,177</td>
<td>$16,450</td>
<td>$4,727</td>
<td>$21,473</td>
</tr>
<tr>
<td>Membership directory</td>
<td>$14,481</td>
<td>$14,450</td>
<td>$31</td>
<td>$9,864</td>
</tr>
<tr>
<td>Membership promotion</td>
<td>$8,800</td>
<td>$7,800</td>
<td>$1,000</td>
<td>$7,888</td>
</tr>
<tr>
<td>Public relations</td>
<td>$2,312</td>
<td>$1,375</td>
<td>$937</td>
<td>$12,368</td>
</tr>
<tr>
<td>Executive director search</td>
<td>$9,925</td>
<td>-</td>
<td>-</td>
<td>$9,868</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>$5,918</td>
<td>$4,300</td>
<td>$1,618</td>
<td>$9,925</td>
</tr>
<tr>
<td>Data processing</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>$9,035</td>
</tr>
<tr>
<td>Loss on sale of equipment</td>
<td>$5,213</td>
<td>-</td>
<td>-</td>
<td>$5,213</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$233,831</td>
<td>$237,800</td>
<td>($4,923)</td>
<td>$234,164</td>
</tr>
</tbody>
</table>

### Excess (deficiency) of operating revenue over expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Actual 1982</th>
<th>Budget 1982</th>
<th>Over(under)</th>
<th>Actual 1981</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excess (deficiency) of special services revenue over expenses - refer page 4</td>
<td>($3,083)</td>
<td>($795)</td>
<td>($2,288)</td>
<td>($28,816)</td>
</tr>
<tr>
<td><strong>Combined excess (deficiency) of revenue over expenses</strong></td>
<td>($13,125)</td>
<td>-</td>
<td>($11,125)</td>
<td>($37,938)</td>
</tr>
</tbody>
</table>

### Special Services Revenue and Expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Actual 1982</th>
<th>Budget 1982</th>
<th>Over(under)</th>
<th>Actual 1981</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insignia</td>
<td>$9,472</td>
<td>$8,400</td>
<td>$1,072</td>
<td>$8,772</td>
</tr>
<tr>
<td>Professional guides</td>
<td>$400</td>
<td>$1,600</td>
<td>($1,200)</td>
<td>$1,925</td>
</tr>
<tr>
<td>Educational services</td>
<td>$4,950</td>
<td>$3,450</td>
<td>($3,500)</td>
<td>$3,955</td>
</tr>
<tr>
<td>Meetings</td>
<td>$12,572</td>
<td>$12,500</td>
<td>($50)</td>
<td>$72</td>
</tr>
<tr>
<td>Washington conference</td>
<td>$4,082</td>
<td>-</td>
<td>-</td>
<td>$4,082</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$23,577</td>
<td>$23,500</td>
<td>($50)</td>
<td>$24,567</td>
</tr>
</tbody>
</table>

### Expenditures

<table>
<thead>
<tr>
<th>Description</th>
<th>Actual 1982</th>
<th>Budget 1982</th>
<th>Over(under)</th>
<th>Actual 1981</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insignia</td>
<td>$8,333</td>
<td>$7,300</td>
<td>$1,033</td>
<td>$8,689</td>
</tr>
<tr>
<td>Professional guides</td>
<td>$3,281</td>
<td>$2,345</td>
<td>$936</td>
<td>$2,425</td>
</tr>
<tr>
<td>Position papers</td>
<td>$10</td>
<td>-</td>
<td>$10</td>
<td>-</td>
</tr>
<tr>
<td>Educational services</td>
<td>$1,602</td>
<td>$3,700</td>
<td>($2,098)</td>
<td>$6,705</td>
</tr>
<tr>
<td>Meetings</td>
<td>$14,088</td>
<td>$10,660</td>
<td>$3,428</td>
<td>$14,088</td>
</tr>
<tr>
<td>Washington conference</td>
<td>$4,303</td>
<td>$4,300</td>
<td>-</td>
<td>$4,300</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$31,619</td>
<td>$28,305</td>
<td>$3,314</td>
<td>$31,619</td>
</tr>
</tbody>
</table>

### Excess (deficiency) of special services revenue over expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Actual 1982</th>
<th>Budget 1982</th>
<th>Over(under)</th>
<th>Actual 1981</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excess (deficiency) of special services revenue over expenses</td>
<td>($6,042)</td>
<td>($795)</td>
<td>($6,837)</td>
<td>($5,122)</td>
</tr>
</tbody>
</table>

### Combined Excess (Deficiency) of Revenue over Expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Actual 1982</th>
<th>Budget 1982</th>
<th>Over(under)</th>
<th>Actual 1981</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combined excess (deficiency) of revenue over expenses</td>
<td>($13,125)</td>
<td>-</td>
<td>($11,125)</td>
<td>($37,938)</td>
</tr>
</tbody>
</table>
American Institute of Professional Geologists
PROFESSIONAL LIABILITY ("ERRORS AND OMISSIONS") INSURANCE
(Please complete and return to Headquarters.)

1. Name of Proposed Insured: ____________________________________
   Address: ________________________________________________________
   City/State/Zip: ________________________________________________
   Telephone: ____________________________

2. Please indicate limits of liability ($500 deductible) applied for:
   Limits: $300,000  $500,000  $1,000,000
   More than $1,000,000 (specify amount) $ ________________

3. Are you a:
   (Circle one)
   CORPORATION  PROFESSIONAL CORPORATION
   PARTNERSHIP  SOLE PROPRIETORSHIP
   JOINT VENTURE

   Number of Employees:
   Professional Geologists _____________________________
   Others __________________________________________

4. Have any claims, suits or demands for arbitration been made against your firm, its predecessor(s) or any past or present principal, partner, officer or director?  YES  NO
   If YES, provide the following:
   Company ____________________________________________________
   Limits (Dollar coverage) $ ________________________________
   Is it on ______ CLAIMS MADE or ______ OCCURANCE basis? (Check one)
   If on CLAIMS MADE, specify retroactive date of coverage desired ______

5. Do you presently have similar professional liability insurance?  YES  NO
   If YES, complete the following:
   Company ____________________________________________________
   Limits $ ________________________________

6. Do you presently have general liability insurance coverage?  YES  NO
   If YES, complete the following:
   Company ____________________________________________________
   Limits $ ________________________________

7. List the States and/or Countries in which you operate.
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________

8. What is the approximate annual dollar volume of your business? $ ________________

9. If more than 50% of your revenues for the past twelve months have been derived from a single client or contract, please specify the client and describe services rendered:
   Client: ______________________________________________________
   Services Rendered: _____________________________________________
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________

10. Briefly describe the geologic services you render to clients:
    _____________________________________________________________
        __________________________________________________________
        __________________________________________________________
        __________________________________________________________

11. AIGP Specialty Codes: ____________
    (Primary/Secondary/Tertiary)

   Warranty: I warrant that I understand and accept the Notice below and that the information contained herein is true and that it shall be the basis of the Policy of Insurance and deemed incorporated therein, should the insurer evidence its acceptance of this application by issuance of a Policy.

   AUTHORIZED SIGNATURE: ____________________________ DATE ____________
   TITLE: ____________________________

   The policy for which application is being made is limited to Only Those Claims That are First Made Against The Insured while the Policy is in force.
SME-AIME Installs New President

The Society of Mining Engineers of AIME installed Louis Kuchinic, Jr., vice president of Penn Virginia Corp. as the 1983 SME-AIME President at its dinner on March 8, during the 112th AIME Annual Meeting in Atlanta.

After being installed as President, Kuchinic spoke to the dinner attendees about the future of the mining industry and the role of SME in that future:

"The United States is at another milestone as it changes from a smokestack industrial based economy to either an economy based on services or information depending upon whom you believe. Whatever the economic base is called, there will be expanding education and accelerating research and development, especially in high technology fields. This doesn't mean the demise of the US mining industry but it does mean that the changes must be recognized and accommodated. There will always be a need for our raw materials which are the feedstocks of industry. But we must improve our productivity, yields, and quality. Since ours is a depleting industry, we must also search for new mineral deposits.

Kuchinic graduated in 1949 from the University of Pittsburgh with a Bachelor of Science degree in mining engineering. A member of SME-AIME for 21 years, Kuchinic has held a number of positions in the Coal Division and the Society. His first position in SME was as Secretary-Treasurer of the Coal Division.

SEPM Names 1983-84 Officers

SEPM 1983-84 officers were installed following the AAPG-SEPM annual meeting in April.

John Warme, CPGS 8481, Colorado School of Mines, Golden, will serve as SEPM's 57th president. Warme's areas of interest include lagoon and deep marine ecology, paleoecology, animal-sediment interrelationships, trace fossils, reef dynamics, and deep marine sediments.

Other officers include M. Dane Picard, University of Utah, Salt Lake City, President-Elect; Peter Scholle, USGS branch chief, Denver, Vice President and Charles Ross, Gulf Exploration and Production, Houston, Secretary-Treasurer.

Esther Magathan, Denver consultant, will serve as councilor for paleontology. Richard Moiola, Mobil Field Research Laboratory, Dallas, will serve as councilor for sedimentology.

William Berggren and Charles Pitrat will serve as editors of Journal of Paleontology. Berggren is senior scientist and geology professor at Woods Hole Oceanographic Institution in Massachusetts. Pitrat is a geology professor at the University of Massachusetts, Amherst.

SIPES Elects Officers For Year

The Society of Independent Professional Earth Scientists (SIPES) has elected new officers and national directors for 1983-84. This year none of SIPES's officers and only three of its 13 directors are AIPG Members.

President is Joe H.E. Ward of Midland; Vice-President, Donald C. Gifford of Dallas; Secretary A.T. Green, Jr., New Orleans, and Treasurer, Stewart Chuber, San Antonio. Directors include: O.H. Berry, Midland; William L. Champion, Houston; Neal Clayton, CPGS 3591, Corpus Christi; Leroy Gatlin, CPGS 5661, Oklahoma City; Robert J. Moffatt, Shreveport; Evelyn W. Moody, CPGS 3540, Houston; A. Scott Ritchie, Wichita; Adam M. Sturlese, Lafayette; and Harry K. Veal, Denver.

SIPES is an organization centered in the Southwest of independent, professional earth scientists.

May-June, 1983
1983 AIPG EXECUTIVE COMMITTEE

PRESIDENT
Larry D. Woodfork
WV Geol. & Econ. Survey
P.O. Box 879
Morgantown, WV 26505
(304) 594-2331

VICE PRESIDENT
Richard M. Winar
Dames & Moore
P.O. Box 191, WVNS
West Valley, NY 14171
(716) 942-3235

SECRETARY-TREASURER
Linda A. F. Dutcher
P.O. Box 126
Carbondale, IL 62901
(618) 457-5512

EDITOR
Kenneth N. Weaver
Maryland Geological Survey
The Rotunda
711 W. 40th St., Ste. 440
Baltimore, MD 21211
(301) 338-7084

PRESIDENT-ELECT
Dean Grafton
12531 Shepherd's Ridge Drive
Houston, TX 77077
(713) 850-6162

ADVISORY BOARD REPRESENTATIVES
Travis H. Hughes (1983)
20 High Ridge Circle
Tuscaloosa, AL 35401
(205) 752-5446

Angelo Tagliacozzo (1983)
900 W. 190th St.
New York, NY 10040
(212) 760-4631

Charles J. Worrel (1983)
2013 Alamo National Bldg.
San Antonio, TX 78205
(512) 225-1516

2265 Hillsdale Circle
Boulder, CO 80302
(303) 443-2209

Bobby J. Timmons (1984)
Timmons Associates
P.O. Box 50606
Jacksonville Beach, FL 32250
(904) 246-4533

AGI REPRESENTATIVE
Richard J. Proctor
327 Fairview Avenue
Arcadia, CA 91006
(213) 254-5259

INTER-SOCIETY ADVISORY GROUP
CHAIRMAN
Ernest K. Lehmann
1409 Willow Street
Minneapolis, MN 55403
(612) 871-5304

STAFF
EXECUTIVE DIRECTOR
Victor C. Tannehill
American Institute of Professional Geologists
7828 Vance Dr., Ste. 103
Arvada, CO 80003
(303) 431-0831

LEGISLATIVE COUNSEL
James U. Hamersley
Attorney and Counselor at Law
1875 I Street N.W., Suite 545A
Washington, D.C. 20006
(202) 223-8200

WASHINGTON REPRESENTATIVE
Russell G. Wayland
4660 North 35th Street
Arlington, VA 22207
(703) 536-5184

Ethics In Science Highlight AAAS Meet

Fraud in science, scientific illiteracy and artificial intelligence are among topics to be addressed at the 149th annual meeting of the American Association for the Advancement of Science May 26-31 in Detroit, Michigan.

More than 100 symposiums will be presented at the meeting featuring advances in science, medicine and technology, as well as their applications and significance.

A science film festival, symposiums for young people and nine public lectures on popular popular aspects of science will be included. Scientific instruments and publications will be displayed May 27-30.

For more information about the meeting, "Science and Engineering—Toward a National Renaissance," contact the AAAS Meetings Office, 1101 Vermont Ave., N.W., Washington, D.C. 20005.

State Geologists Meet In Anchorage

The 75th annual meeting of the Association of American State Geologists will be held in Anchorage, Alaska, June 5th through the 9th.

The association's membership consists of the state geologists of 49 states (Rhode Island has no state geological survey), Puerto Rico and 35 honorary members.