BERG, HONKALA RECEIVE PARKER AWARDS

Here is the citation for 1981 Parker Award-winner Robert R. Berg as prepared and delivered by John W. Rold:

Robert R. Berg is an outstanding petroleum geologist who has a distinguished record as a teacher, a university administrator, a researcher, and a consultant. In each of these activities his accomplishments deserve and have received the plaudits of his peers. In addition, he is a leader in the organizations which sustain and encourage others to emulate him in dedicated service to their science and their profession.

After receiving his doctorate from the University of Minnesota in 1951, Bob Berg worked for the California Company until 1957, when he turned to consulting in the Rocky Mountain Region. In 1967 he became professor and head of the Department of Geology at Texas A & M University. In 1972 he was named Director of the Office of University Research at Texas A & M, a position he holds today.

Dr. Berg's research contribution in four separate areas are internationally known: (1) environments of deposition of sediments; (2) determination of the porosity and permeability of sediments; (3) discovery of the widespread distribution of turbidites; and, (4) the effects of fluid flow in sediments on oil accumulation. Berg and his students have described the dynamics, geometry, and processes leading to the formation of ancient barrier bars, reefs, and stream meanders and have explained their significance in oil accumulation. He has developed a theoretical-empirical equation, used extensively by the oil industry, that relates the permeability of reservoir rocks to their physical characteristics. Through his work, we now

(Continued on page 7)

Citation for Ad Honkala, '81 Parker medal recipient as written by Neilson Rudd and delivered by Gary Melickian:

I came to know Ben Parker in 1966 when, through some accident of fate, I was elected to membership on the Institute's Executive Committee. Of course I had known of Ben for many years as an outstanding leader in the geological community. But knowing of someone is a very different thing from knowing them in person. Some public figures loom larger than life because they are puffed up by their own inflated egos. Others are giants, not because of what they draw unto themselves but because of what they give of themselves. All of us who were privileged to know Ben Parker remember him as one whose great energy and intellect were guided by an even greater generosity of spirit and dedication to all that is best in mankind.

I came to know Ben Parker first by the fruits of his work and only later as a warm, flesh and blood person. The man who it is my privilege to speak of this evening is one who I have come to know in just the opposite sequence, first as a friend and colleague and later as one of the leading figures not only of our Institute but of our profession. I first met Ad Honkala, and Eileen, in the mid-60's when he and Bud Rue were working up the geology of a cement plant site at nearby Clarksville, Missouri. We shared a common interest in professional matters and I think enjoyed each other's company the few times that we got together. Over the next few years we came to know each other better as we had increasingly frequent contacts through Institute matters and I began to notice something, as I

(Continued on page 5)
SIX TO EXEC COMMITTEE

Six Members have been elected to serve as representatives of the Advisory Board on the 1982 AIPG Executive Committee. The six were named at the ’82 Advisory Board’s organizational meeting in Williamsburg October 21st.

Elected to two-year terms on next year’s Executive Committee were: Travis H. Hughes (Alabama Section), Charles J. Worrel (Texas Section), and Angelo Tagliacozzo (Northeast Section).

Hughes, who is with the Department of Geology, University of Alabama, Tuscaloosa, is a member of the 1981 Institute Executive Committee and has long been active in the Alabama Section. Worrel, consultant from San Antonio, will be 1982 President of the Texas Section. Tagliacozzo is with Gibbs & Hill, Inc., New York City.

William A. Adent (California Section), Edward C. Dapples (Arizona Section), and James F. Howard (Kentucky Section) were elected to one-year terms as Advisory Board representatives on the ’82 Institute Executive Committee.

Adent is with ARCO International Oil & Gas in Los Angeles. He has held various offices in the California Section and is Chairman of AIPG’s 1982 Annual Meeting. Dapples, now retired, previously served on the Institute’s Executive Committee. He lives in Sun City, Arizona. Howard heads his own firm, Howard Consultants, Inc., in Owensboro, Kentucky.

The six join the five 1982 officers elected earlier on next year’s Executive Committee, the makeup of which will be completed in coming weeks after the naming of the AGI representative and the Chairman of the ’82 Intersociety Advisory Group (ISAG).

ADVISORY BOARD FOR ’82 MEETS

The Delegates to AIPG’s 1982 Advisory Board have held their organizational meeting. Twenty-four individuals represented their respective Sections at the meeting in Williamsburg October 21st. That turnout was excellent, and despite a lack of time much good was accomplished for the Institute.

One of the most important items of business transacted by the Board, chaired by 1982 AIPG President-elect Larry Woodfork, was the election of six of their members to the Institute’s Executive Committee. Our congratulations to those elected...they will make excellent representatives.

The following recommendations were made to the 1982 Executive Committee:

1. “That the questions of whether or not the Institute’s Annual Meeting be switched from fall to spring or early summer and format changed and length shortened, be referred to committee for study and recommendations.”

2. “That the 1982 Advisory Board meet in conjunction with the 1982 AIPG Executive Committee in New York next April to act on an agenda of business to be submitted to it in advance.”

3. “That Delegates encourage their home Sections to have regular contact with elected representatives from their area.”

AAPG/DPA AGREEMENT ENDS

The cooperative agreement between AAPG/DPA and AIPG, signed a few years ago and again early in 1980, has been terminated by vote of the AAPG Executive Committee. It required that to be a Certified Petroleum Geologist a person first had to be a Certified Professional Geological Scientist Member of AIPG.

ADVISORY BOARD RECOMMENDS

The 1981 AIPG Advisory Board met October 21st during the Institute’s Annual Meeting at Williamsburg. Twenty-four Delegates (out of thirty-one Sections) attended. This was a record turnout and everyone concerned was extremely pleased at the response and participation.

The meeting, chaired by AIPG’s 1982 President M. O. Turner, was a most productive one. Though time was limited, a great deal of important business was discussed and acted upon. The Delegates’ valuable input on behalf of their Section through the Advisory Board is much appreciated.

The Board made these recommendations to the 1981 AIPG Executive Committee:

1. “That the Institute take a more active position of advocacy on the issues of critical metals and energy.”

2. “That AIPG adopt and carry out programs of professional education such as, but not limited to, the consultant’s traveling workshops.”

3. “That the questions of whether or not the Institute’s Annual Meeting be switched from fall to spring or early summer and format changed and length shortened, be referred to committee for study and recommendations.”

4. “That HJR 300 be supported and endorsed by AIPG.”

5. “That a maximum of one Parker and one Van Couvering award per year be conferred.”

6. “That the AIPG Public Affairs Conferences be continued.”

7. “That the Institute’s Headquarters not be moved from the Denver Area.”

8. “That the Bylaws be amended to read that a Member shall be titled ‘Certified Professional Geologist’ (CPG) rather than ‘Certified Professional Geological Scientist’ (CPGS).”


10. “That the possibility of offering Members group professional liability insurance be explored.”

11. “That an audio-visual package presentation of METALS...MINERALS...MINING be prepared and made available.

CONSTITUTIONAL AMENDMENT VOTE

Included with your 1982 dues statement is a proposed amendment to the AIPG Constitution. It calls for a change in AGI representation on the AIPG Executive Committee, from “AGI President and Vice President” to “one member of the AGI Executive Committee” and it would change the AIPG Executive Committee quorum, from eight (8) to seven (7), following the reduction in size.

Please take a minute to vote on the proposed amendment. Mark your copy of the form and return it to headquarters. Votes must be received by December 31st.

’85 ANNUAL MEETING SITE SET

The Minnesota-Wisconsin Section, through Ernest K. Lehmann, has invited AIPG to hold its Annual Meeting in Minneapolis in 1985, probably mid-October but possibly in April.

The Executive Committee, at their meeting in Washington October 18th, accepted this invitation. Planning will begin and more details as to dates and place will be announced as they become available.
ANNUAL BUSINESS MEETING

The Institute's Annual Business Meeting was held October 23rd at the Holiday Inn 1776, Williamsburg, Virginia. The noon luncheon featured a report by AIPG President John Rold on '81 accomplishments and progress.

Results of the election of officers, joining 1982 President M. O. Turner were announced: President-Elect Larry Woodfork, Vice President Dean Grafton, and Secretary-Treasurer Gary Melickian.

Election of Delegates from the 1982 Advisory Board to the 1982 AIPG Executive Committee were likewise announced: William Adent, California; Ed Dapples, Arizona; Jim Howard, Kentucky; Travis Hughes, Alabama; Angelo Tagliacozzo, Northeast; and Charles Worrel, Texas.

The termination by AAPG/DPA of their agreement with AIPG was reviewed by Rold.

The attendees by voice vote approved the following amendment to Article 1 of the AIPG Bylaws: "Section 10. The Institute does not discriminate on the basis of sex, race, creed or national origin."

They also approved two other minor word changes in the Bylaws.

Annual Meeting Committee heads Jack Kane, Ad Honkala, Bill Townsend, Jim Conley, and Tom Houston, along with PR Consultant Ruth Anna, received a standing ovation in recognition of and appreciation for their efforts.

AIPG FOUNDATION BOARD MEETS

The A.I.P.G. Foundation held a meeting of its Board of Directors in Williamsburg October 21st. Foundation President James Dunn, Vice President John W. Rold, Secretary-Treasurer Bud Rue, and Executive Director Vic Tannehill were present. M. O. Turner, 1982 AIPG President who will go on the Foundation Board next year, also participated in the meeting.

Tannehill gave an update on the Foundation's income and expense. He noted that sales of the Foundation's publication METALS . . . MINERALS . . . MINING were being promoted. Contributions from AIPG members following the latest appeal were likewise coming. Expense continues to exceed income. The Foundation has borrowed $19,162 from the Institute to meet its start-up costs.

Action ordered by the Foundation's Directors included: (1) creation of an appropriate set of Bylaws, calling for a "Board of Trustees"; (2) adoption of a formal statement of financial policy; (3) communication with the Institute's leadership and members regarding plans and projects, financial goals, financial status, etc.; and, (4) creation of promotional booklet.

MEMBERSHIP GROWTH CONTINUES

Your Institute now has more than 4,000 Members plus Associates . . . and we're continuing to grow. As of the end of October, AIPG had 3,861 Members, 132 Retired Members and 71 Associate affiliates, for a grand total of 4,064.

Headquarters expects that the Institute will hit the 4,000 Member mark next month.

Promotional mailings continue to flow from our Golden Office to prospects. A mailing to geologists in the State of Alaska is scheduled for late November. Georgia geologist non-members are slated to receive information about the benefits of AIPG membership in December.

A special effort is being made to "recruit" college and university Geology Department heads.

Section Membership Committee Chairmen are helping by following up with personal phone calls to those prospects who request membership packets from Headquarters.

1982 DUES BILLS OUT

Your statement for 1982 AIPG dues will be mailed to you shortly. National Headquarters is now preparing the invoice forms.

National dues remain the same in '82: $50 for Members and $35 for Associates. Section dues are additional.

Annual membership dues are due and payable on the first day of January. Any member whose dues are in arrears more than 90 days will be suspended from the Institute.

The form will also include a printout of each member's personal computer data. All are asked to please fill in all blanks and correct all errors. Refer to the Directory list for code numbers of Fields of Practice. List all AGI Society memberships. This information will then be printed in the 1982 Directory.

Members will also be given the opportunity to indicate on the return part of the form National committees for which they would care to volunteer.

Payment of your 1982 dues to AIPG, and your contribution to the newly-established AIPG Foundation, made before December 31, 1981, can be taken as deductions on your 1981 tax return! You, therefore, receive tax credits for those payments one whole year earlier than you would if you delay payment or contributions until 1982. Because of changing income tax laws and decreased rates for 1982, those in higher tax brackets can receive considerable savings by paying or contributing this year.

"METALS" BOOKLET AVAILABLE

The A.I.P.G. Foundation's new publication METALS . . . MINERALS . . . MINING is an outstanding piece of work; a most readable and attractive production. Its message is vital one for America and Americans. It is hoped that members and Sections will help the cause by purchasing and distributing copies of METALS . . . MINERALS . . . MINING from the Foundation. This publication should be sent to your State's:

-U. S. Senators and Representatives.
-Other Federal elected, appointed, and regulatory/administrative officials.
-State elected officials and key agency people, as well as County and local individuals.
-News media, public and parochial schools, major firms, libraries, colleges, etc.

Copies can be ordered from The A.I.P.G. Foundation, P.O. Box 957, Golden, CO 80402, (303) 279-0026. Make checks payable to The A.I.P.G. Foundation.

Price list for METALS . . . MINERALS . . . MINING (Postpaid in the Continental U.S.)

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'82 ANNUAL MEETING DATE CHANGED

In an attempt to avoid scheduling conflicts with other geological society meetings, AIPG's 1982 Annual Meeting dates have been changed to November 10-13. The event will be held at the Huntington-Sheraton Hotel, Pasadena, California. General Chairman is William A. Adent and the Institute's California Section will host the meeting.
McGEE RECEIVES API AWARD

The American Petroleum Institute’s highest award — the Gold Medal for Distinguished Achievement — has been presented to Dean A. McGee, CGS 1561, Chairman of the Board and Chief Executive Officer of Kerr-McGee Corporation.

The presentation took place Nov. 18th during the second general session of API’s annual meeting at the Conrad Hilton Hotel, Chicago.

McGee, who is also a member of API’s Board of Directors and Executive Committee, started his petroleum career in 1926 when he joined Phillips Petroleum Co. following his graduation from the University of Kansas with a degree in mining engineering. He returned to the university for graduate work and rejoined Phillips in 1927. He eventually rose to the position of chief geologist.

Early in 1937, McGee joined Kerlyn Oil Company as vice president in charge of exploration and production. Five years later he was promoted to executive vice president.

In 1946, the company changed its name to Kerr-McGee. Eight years later, McGee was elected president and chief executive officer. In 1963, he also became chairman of the board.

DAM SAFETY CONFERENCE

A two-day meeting of engineers from all over the Southeast who are interested in the safety of dams will be held at the Radisson Plaza Hotel in Charlotte, North Carolina January 20-21, 1982. The first day of the meeting will include presentations on state and federal dam safety activities and will highlight the state-of-the-art in dam emergency warning technology.

The second day will open with a presentation by Prof. George F. Sowers, an internationally recognized authority in dam engineering. Prof. Sowers delivery will be followed by fourteen case studies of dams from all over the Southeast. The case studies will be presented primarily by private consulting engineers.

The conference is co-sponsored by the N.C. Department of Natural Resources and Community Development, Land Quality Section, and the Geotechnical Group of the North Carolina Section of the American Society of Civil Engineers. The meetings’ steering committee is composed of engineers from seven Southeastern states. Charles Gardner, CGS 2263, Head of the N. C. Land Quality Section, NRCD, is one of the chief organizers of the conference.

All geologists interested in dam safety are invited to attend. Participants may make their own room reservations with the Radisson Plaza Hotel. For information on registration fees and a copy of the agenda contact Land Quality Section, P. O. Box 27687, Raleigh, N. C. 27611, phone 919-733-4574.

ROLD, BATES ON AESE PROGRAM

On the program at the Oct. 4-7 meeting of the Association of Earth Science Editors in Denver was John Rold, Colorado State Geologist, and President of AIGP. Keynote speaker, California’s State Geologist James F. Davis, CGS 2226, challenged the 100 or so members of AESE attending to “expand the public’s understanding of science.” Robert L. Bates, CGS 827, professor emeritus Ohio State University, received AESE’s Award for Outstanding Editorial Contributions. The Award has been made only five times in the 14-year history of AESE. Bates was also elected President of AESE for 1982.

AGI CAMPBELL MEDAL TO JAHNS

The first AGI Medal in Memory of Ian Campbell was awarded to Richard Henry Jahns, CGS 289, Professor of Geology and Dean, School of Earth Science at Stanford University. Dr. Unklesby made the presentation at the dinner of the Geological Society of America, Nov. 5th in Cincinnati. The Medal is awarded to candidates measured against the distinguished career of Ian Campbell, whose service to the profession touched virtually every facet of the geosciences’ according to guidelines AGI has established for the selection committee.

WATER QUALITY SYMPOSIUM SET

The National Water Well Association is sponsoring the Sixth National Ground Water Quality Symposium in Atlanta, Georgia September 22-24, 1982. It will be addressing state, county and municipal jurisdictions of ground water protection.

This Symposium will cover such topics as development of state-wide monitoring programs, identification and classification of aquifers as a state management tool, what the states need from the “Fed.” (not including money), public education as a ground water protection tool, the role of the local geologist/ground water consultant and problems of overlapping agency jurisdictions toward ground water protection.

The registration fee for attendees is $85.00 which includes two luncheons and refreshment breaks.

For more information contact:

National Water Well Association,
500 W. Wilson Bridge Road,
Worthington, Ohio, 43085
(614) 846-9355

NEW JOURNAL ANNOUNCED

In the northeastern United States and Canada coastal areas, farms, lakes and forests co-exist with the world’s most populous urban corridor. The region’s urban and industrial pollution, land and water uses and abuses are among the most severe, and studied, on the planet.

A new publication, Northeastern Environmental Science is intended to address concerns vital to the region, serving scientists, scholars and decision-shapers. In format the journal will consist of technical papers, interviews, book reviews and employment listings.

The first issue, due out in January, 1982, will relate to hazardous waste contamination of rivers and groundwater. Following issues will be published on a quarterly basis.

The journal welcomes institutional, individual and student subscribers at the following rates:
Companies: four issues for $24
Individuals and Non-Profit
Institutions: four issues for $19
Students (with I.D.): four issues for $15
Single Issues: $5 each
Bulk Orders: write for details
Please mail all subscription requests to:
Northeastern Environmental Science
P.O. Box 746
Troy, NY 12181

PECK CONFIRMED AT USGS

We have word that Dallas Peck was confirmed by the U. S. Senate as Director of the U. S. Geological Survey. For those who had any doubts, it’s official.
YOUR AIPG FOUNDATION...

The A.I.P.G. Foundation was organized and incorporated as a Colorado nonprofit corporation in 1980 at the suggestion of the Executive Committee of the American Institute of Professional Geologists (AIPG). The leadership of AIPG recognized the need for an independent foundation to conduct activities useful to the Profession of Geology and the Nation.

Although the two organizations are closely affiliated, the A.I.P.G. Foundation is not a part of AIPG. It is completely separate and independent.

The Foundation's objectives and purposes are:
1. To encourage, support and further studies and research in professional geology and in the earth sciences related thereto;
2. To disseminate information on professional geology and related fields through lectures, seminars, publications, educational courses, teaching aids and/or other means and materials;
3. To provide scholarships, awards, and other kinds of support to assist or reward faculty and/or students engaged in the study of professional geology or related fields;
4. To carry on programs of continuing education in professional geology and related studies; and,
5. To work with and support other organizations with similar objectives.

Business affairs of the Foundation are managed by a Board of three Directors, each of whom is a former President of AIPG. Each serves a three-year term. The Executive Director of the Institute is also the Executive Director of the Foundation. Offices are presently located in the AIPG offices, Golden, Colorado.

A Board of Trustees, made up of major contributors, is being formed to give advice, counsel and policy guidance to the Foundation's Directors.

Funds to support the Foundation's projects and programs are coming from individuals, corporations, and other foundations. Endowment or named funds may be established with an initial gift of $5,000 or more. Restricted gifts—those designated for a particular project—may be accepted by the Directors. Unrestricted gifts will be used to meet the Foundation's greatest needs.

AGI SOCIETY MEETING DATES:

June 27 - July 1, 1982 American Association of Petroleum Geologists (AAPG)
CALGARY
MONTREAL
October 18-22, 1982 Society of Exploration Geophysicists (SEG)
DALLAS, TEXAS
October 18-21, 1982 Geological Society of America (GSA)
NEW ORLEANS, LA
June 6-10, 1982 Association of American State Geologists (AASG)
HERSHEY, PA
June 27 - July 1, 1982 Soc. Econ. Paleon. & Mineralogists (SEPM)
CALGARY
Feb. 14-18, 1982 Society of Mining Engineers of AIME
DALLAS, TEXAS
September 13-15, 1982 National Water Well Association (NWWA)
ATLANTA, GEORGIA

1982 AIPG ANNUAL MEETING
NOVEMBER 10-13, 1982
HUNTINGTON-SHERATON HOTEL
PASADENA, CALIFORNIA
SOLUTIONS TO THE IMPENDING MINERALS CRISIS

John W. Rold, President
American Institute of Professional Geologists

Please consider two simple statements. The first is: “In the decade of the 1980’s, the United States will see a Minerals Crisis which will make the Energy Crisis of the 1970’s look like a Sunday School picnic.” The second statement is: “Government policies could either postpone or mitigate this crisis, or they can hasten and make it worse.” If you do not agree with these statements, please keep them in mind and test them for yourself as local, state, national, and international developments unfold over the next ten years.

To briefly illustrate the seriousness of the situation, consider only four of the twenty critical minerals having more than 50 percent foreign supply dependency. Attempt to visualize the plight of the American nation suddenly without chromium, a vital ingredient in the production of machine tools, stainless steel, turbine blades, armor plating, and in the critical parts of farm machinery, autos, trucks, tanks, and even bicycles; without cobalt, a vital component for high speed cutting tools, space age structural metal alloys, surgical instruments and high performance magnets for electric motors; or without platinum for spark plug electrodes, radar parts, bomb sights, computers, or the catalytic converters necessary for the chemical and petroleum industries; without aluminum for airplanes, electric transmission lines, recyclable containers, or lighter weight, energy-efficient automobiles.

This nation is 90% dependent for cobalt on Zaire, Belgium, Luxemborg, Zambia, and Finland. We are 90% dependent for chromium on South Africa, Russia, Rhodesia, and Turkey. For platinum, we are 89% dependent on the Soviet Union, South Africa, and the United Kingdom. For bauxite or aluminum, we are 93% dependent on Jamaica, Australia, Surinam, and Guiana. Most of the supplier countries for these strategic and critical minerals are hardly models of political stability. Few could be expected to put American interests ahead of their own. Our 90% dependency for these minerals is even more alarming when one realizes that the 1973 Oil Embargo occurred when we were only 17% dependent on Middle East countries for our oil. Our current economic and supply plight for foreign oil occurs when we are only 50% dependent on many separate countries with differing political ideologies and geographic locations.

A committee of knowledgeable members of the American Institute of Professional Geologists (AIPG) has seriously and carefully considered this frightening problem. We, as practicing geologists, firmly believe that the environmental, economic, political, and military health of the United States is contingent on a ready supply of mineral material at reasonable prices. Our economy, the production of food, industrial products and energy, and our survival as a world leader depend upon the availability of these mineral materials. Virtually every aspect of improving our environment - whether it be cleaning our air, cleaning our water, restoring our land, or switching to cleaner, more abundant, or renewable energy sources - requires huge additional sources of mineral supplies at prices which can be afforded by our society.

No single policy or course of action will avert the crisis. A concerted effort by federal and state governments, industry and the general public along several avenues is drastically needed to address the problem. After careful consideration, we recommend six actions or policies which could mitigate, postpone, or even prevent the impending crisis.

1. Government policy should encourage the exploration for and the development of our domestic sources of mineral supply.
   a. Mineral materials contained on federal lands should be made more available to individual prospectors and companies.
   b. Designation of federal lands as single-use wilderness, without the adequate determination of their mineral resource potential, and without the adequate provision for the exploration and development of those mineral resources should be discontinued. It is likely that vast potential mineral resources of enormous value to our nation have already been blocked to mineral development. Recently completed Forest Service RARE II, an on-going Bureau of Land Management study, and the Alaskan lands problem are having a devastating effect on mineral exploration and future development. Further, the current mechanism of inventorying minerals on lands which may be withdrawn for multiple use is of questionable value. No geologist, no matter how experienced, can see all potential mineral concentrations, nor can anyone predict the technological and economic changes that may alter the nature of mineral requirements.
   c. All existing wilderness and single-purpose withdrawal areas should be reviewed by Congress every ten years to determine whether the single purpose of the withdrawal or multiple usage would be more beneficial to the national interest.
   d. A model zoning ordinance that would encourage the development of mineral resources within a framework of sound environmental constraints should be drafted and its use encouraged by the federal government throughout the United States.
   e. The federal government should work with state and local governments to develop a uniform and more equitable form of financial compensation for communities that are adversely affected by mineral production in some manner commensurate with the value of the mineral produced and the fiscal impact upon the community. This might take the form of some tax relief or the specific return of a portion of the federal royalties to the community impacted, not just to the state or the county.
   f. The public hearing process, which is often required before mineral deposits can be developed, should be revised so that the long-term interests of the whole nation are more clearly represented.
   g. Depletion allowances, rapid amortization, or similar tax incentives should be continued as mechanisms for encouraging the discovery and development of mineral resources.

2. National policy should encourage those methods of mineral extraction that are environmentally acceptable and economically realistic.
   a. The concept of multiple land use and multiple sequential land use for mineral lands should be encouraged.
   b. Improvement of mined land by sound reclamation practices should be encouraged by a favorable tax structure and regulatory environment.
   c. New methods of transporting processed mineral products should be studied to determine ways that minerals might be moved in manners more environmentally acceptable than those in current use.

(Continued on page 7)
CRISIS ... continued from Page 7

d. National policy should dictate that the costs of alleviating significant environmental problems created by mining activities would be borne by the producers creating such problems, and by the consumers of their products.

3. Recycling of mineral-derives waste materials should be greatly encouraged. Constantly changing technology and economics guarantee that yesterday's mineral waste piles will be today's -- and certainly tomorrow's -- ore bodies.
   a. Research in this area should be vigorously pursued with adequate incentives through tax relief or other means to encourage private initiatives.
   b. The recycling of waste materials should be encouraged by allowing freight rates that are similar to those available for production and shipment of virgin materials.
   c. Mechanisms for making waste recycling more acceptable to the communities in which it is done should be studied.

4. Stockpiling of essential mineral materials -- including petroleum products -- should continue to be expanded. However, stockpiles should not be used to the detriment of domestic mineral production.

A ready cushion against international emergencies leading to the disruption of critical mineral supplies or to excessive costs is mandatory for both our nation's short- and long-term interests.

5. A vigorous information program by both public and private sectors should be instituted to make the general public and decision-makers aware that mineral recovery properly conducted is a critical component of both environmental and resource conservation.

The federal government should sponsor and finance, as soon as possible, a conference for the purpose of defining and implementing a mineral resource management policy leading to consistent rationale for the development of mineral resources.

Minerals are critical to many forms of environmental improvement. The importance of proper utilization of energy minerals as a mechanism for saving a forest, and the importance of limestones for neutralizing acid wastes and scrubbing sulfur dioxide cannot be denied. Mineral-based fertilizers are absolutely critical for maintaining high agricultural productivity and soil conservation. Today's intensive agriculture, when viewed in basic terms, is simply the process of utilizing energy and minerals to convert soil elements, water, and sunlight into food and usable fiber.

a. National policy should encourage gathering specific quantified data about the economic, military, environmental, and conservation importance of mineral production and disseminating it to the general public.

b. Our schools should be encouraged to give adequate courses portraying the inter-relationship of mineral production, national defense, economics, environmental improvement, and conservation, and the overall impact of our mineral materials on our standard of living.

6. All mineral resource policy should be consistent with the framework of a mineral-resource conservation ethic which acknowledges the overriding importance of mineral policy to the future well-being of the United States.

This policy must acknowledge those physical realities of mineral resource location and abundance as well as our technological and legal access to those resources. The nation can ill-afford to emulate the aboriginal family who froze to death on the outcrop of a coal bed because it lacked the knowledge necessary for its survival. Neither can we be like the old buffalo hunter of the 1880's whose simplistic answer to the problem of a dwindling buffalo supply was the acquisition of more guns, more ammunition, and more hunters.

In recent years, we have stressed the importance of environmental controls, while apparently minimizing the importance of our mineral products. We have forgotten that Public Law 91-361, the Mining and Mineral Policy Act of 1970, and Public Law 96-479, The National Materials and Minerals Policy, Research and Development Act of 1980 are as much a law of the land as is NEPA, the Wilderness Act, or the Clean Air Act. The fact that the well-being of this nation, as well as all the other advanced nations of the world, has been based on their ability to produce wealth from the land on a sustained basis appears to have been obscured. The drain of our nation's capital to buy minerals and energy fuels and the decline in the value of American currency in foreign markets, coupled with the high inflation rate, are causing the lowering of the American standard of living and weakening of the nation. In addition, the possibility of armed conflict may not be discounted if our foreign energy and mineral resources are further threatened. Very directly, our lack of sound and constructive mineral policies endangers both the military and economic security of the nation. We must form, state, and live by a mineral resource management ethic that recognizes the complex inter-relationship of our nation's, and the world's environments, resources, and economies.

If these recommended policies are not implemented, my prophecy of today is foreordained to become the reality of tomorrow.

This article is based on the official Mineral Resources Position Paper of the American Institute of Professional Geologists, and a publication of The A.I.P.G. Foundation entitled "Metals, Minerals and Mining".

PARKER AWARDS ... Continued from Page 1

have greater ability to detect stratigraphic traps, the last underground frontier of oil exploration. In 1977 Bob Berg received the Faculty Distinguished Achievement Award for Research from the Texas A & M Former Students Association.

Bob Berg is recognized by industry and academia for his knowledge of these subjects and is in constant demand for lectures, short courses, and consulting. He has published numerous scientific papers and has received four awards for outstanding presentations of his research findings. He is a remarkably effective teacher and his students, who have both admiration and affection for him, are much sought by industry.

Dr. Berg has served as President of the Rocky Mountain Association of Geologists and as Secretary-Treasurer of the American Institute of Professional Geologists. He has been a Distinguished Lecturer of the AAPG and received the Association's A.L. Levorsen Memorial Award. He has served in the AAPG's Continuing Education Program as well as its Petroleum Exploration School.

Robert R. Berg is eminently qualified to receive the Ben H. Parker Award of the American Institute of Professional Geologists.

1982 AIPG WASHINGTON CONFERENCE
APRIL 18-20, 1982
THE WASHINGTON HILTON
WASHINGTON, D.C.
LETTERS TO THE EDITOR

The situation in California impels me to add to Wyman Harrison’s and Arthur Mirsky’s comments on registration. In prologue I will note that I am Registered Geologist No. 8 in California, which attests less to my professional prestige than it does to my friendship with several original board members and to my activities in working toward registration years ago. That remark smells of politics, and that is what this letter is about.

State registration is a political action. The enactment of registration is only the first of such actions that geologists should prepare themselves for. Subsequent actions are usually much more difficult to monitor because geologists become lax, thinking that the Board of Registration will work for their welfare. This is a misunderstanding of the first magnitude.

Elected officials enact registration in the name of public protection, not to enhance the prestige or pad the wallets of professionals. Once registration is effected, all sorts of interesting amendments to the act come to the officials’ minds. One that occurred here was to cut down on the number of geologists on the board, and to replace them with public members, who are now in the majority. Our governor, whom I refuse to dignify by naming, is an “activist.” In this case activism meant naming board members whose starting premise is that geologists must be a bunch of crooks and incompetents, and that such types should be sought out and prosecuted. This makes for a great relationship between board and profession.

A perennial battle occurs on registration fees. An annual fee is originally intended to cover only costs of administering the program. It isn’t long before some legislator spots it as a prospective revenue source, which willy-nilly means increased fees.

California law permits certification of specialties as well as general registration as a geologist. Recently the board decided, reasonably enough, that expertise in groundwater geology can qualify one for certification as an engineering geologist. The next step may be to decide that only an engineering geologist can work in the field of groundwater geology. In fact, it is not certain that our board could understand that petroleum geologists are often highly knowledgeable about groundwater geology.

Only a professional society with AIPG’s orientation can serve as needed watchdog vis a vis a board of registration. It is, then, a remarkable irony that registration has indeed contributed to lagging AIPG membership in California.

I will now answer the question that you have been muttering, namely, “Why did this guy promote registration in California?” I did so because engineering geologists primarily in State employment thought it offered them the only route to parity with civil engineers, and openly threatened to get unilateral registration if others did not go along with them. That would have torn the profession apart, and would have given e.g.’s political and social leverage denied to other “specialties.” That is, as bad as registration is, registration of only a single segment of the profession would have been worse. If you don’t think so, write me for details.

Well, we are now subject to substantial political control and political harassment, and things will not get better so long as registration lasts. Meanwhile, working geologists here can all be grateful for AIPG and, regardless of specialty, should support AIPG. It is their only defender against the actions of governors and legislators and politically appointed boards. ROBERT H. PASCHALL, CPGS 118

Russell R. Dutcher, Editor
The Professional Geologist
American Institute of Professional Geologists
Department of Geology
Southern Illinois University
Carbondale, Illinois 62901

Dear Russ:

On behalf of the Women Geoscientists Committee, I want to thank you for including the Women Geoscientists Roster form in the August 1981 newsletter.

The placement of the complete submittal form with the addressed mailer in the newsletter generated a large response, and the new Roster will be much larger than previous editions.

It is heartening to be a member of an organization that is so supportive of geologists’ professional interests.

Again, thanks from the Committee and my own personal appreciation.

Yours truly,

Elisabeth G. Newton
CPGS 4785

SECTION PR MANUAL—PART III
NEWSLETTERS

By RUTH ANNA

Newsletters at the Section level are often the only way members can be aware of what is going on. They should be viewed as miniature newspapers, and strive to inform the membership about National AIPG actions and programs, legislative developments and events. Information on how to improve professional-related matters is always appreciated. A calendar of events is a must for all newsletters.

Sections could easily produce a newsletter by using the National logo, typifying the information to be sent on letter-sized sheets, and simply having copies made by using instant print or Xerographing. Address labels for Sections are available from National Headquarters. Inform your members of national happenings, local events, proposed programs, ask questions, encourage action.

The hallmark of a good section is an effective and regularly published newsletter. Be sure it is localized to each section’s needs and happenings. Advertising is a valuable source of income to cover or assist with printing costs, etc. The decision is totally up to the individual Sections. Encourage members to submit articles, calendars of events, legislative happenings, and anything affecting the profession or its implementation. Some ideas might be:

- Questionnaires
- Referendums
- Photos, even if Xeroxed
- Controversial topics
- Letters to editor
- Awards, recognition attained by members etc.

The possibilities are endless and limited only by imagination. Remember... the value of even the most simple newsletter is tremendous. If you need assistance, contact National Headquarters.
WYOMING SECTION MEETS

The Wyoming Section held their monthly meeting Nov. 11, 1981, at the Casper Petroleum Club. There were 20 members present. Donald Cardinal was installed as President, Richard Swirczynski as Vice-President, and Jerry Bush as Secretary-Treasurer. Phil Miles, the Section’s AIGP Advisory Board delegate, gave a review of the 1981 National AIGP Meeting.

The members discussed raising dues in the section to help send delegates to the national convention, and for outside speaker expense. This proposal will be voted on by the full membership.

Committee Chairmen were appointed. They are: Nominating - Phil Miles, Screening and Membership - John Pedry, Public Issues - Roy Guess, Natural Hazards - Gene George, Governmental Procedures - Roger Ready. The Natural Hazards Committee will advise and assist local government with geologically related problems. The Governmental Procedures Committee will review procedures, rules and regulations required by federal, state, and local governments. It will inform agencies and elected officials of specific cases of delays and additional costs. In addition, recommendations from various government entities relating to problems that are caused by industry will be identified.

Don Cardinal intends to write a quarterly newsletter to section members.

THREE NEW SECTIONS CHARTERED

The AIGP Executive Committee at their quarterly meeting in Washington, D.C., October 18, 1981, unanimously voted to charter three new Sections of the Institute. They are: the Capitol Section (Washington, D.C., Maryland and Delaware), the Nevada Section, and the Georgia Section.

Our heartiest congratulations to members in those states on successful efforts to get a Section organized. Everyone concerned greatly appreciates their willingness to take on the task of developing strong local AIGP groups.

A. Gordon Everett, Rockville, MD, is heading the Capitol Section; Joe Kenny, Las Vegas, NV, the new Nevada Section; and, Earl Hoover, Atlanta, GA, the now-chartered Georgia Section.

Members in three more states are seeking to form AIGP Sections. The effort in Hawaii is being headed by William E. West of Honolulu. Mont Warner and Bernie Guarna, both of Boise, are the two active AIGPers in Idaho jointly working to organize Members in that State into a new Section. Members are beginning to form a new Section in Arkansas.

SECTION NEWS FROM HERE AND THERE

AIGP’s Michigan Section has published a very attractive roster listing names, addresses, phone numbers, education, areas of expertise, etc., of all their Members... The Northeast Section has produced and distributed its “Indian Summer, 1981” Newsletter. An excellent publication highlighting their activities. The Section has also produced an attractive Directory of its Members... The Institute’s New Mexico Section has mailed out its latest Newsletter, featuring the “ramblings” of President Art Pincomb and a report from their Advisory Board Delegate Clay Smith. A well-written and informative mailing... Inquiries have been made about an audio-visual package presentation of METALS... MINERALS... MINING. Perhaps one should be prepared and made available. This point has been referred to the California Section for development and a report to the 1982 Executive Committee...  

1982 ISAG APPOINTMENTS

M.O. Turner, 1982 ISAG President, has appointed Ernest K. Lehmann of E. K. Lehmann & Associates, Minneapolis, to the Intersociety Advisory Group (ISAG) for the next two years.

The Constitution and Bylaws of AIGP call for an ISAG composed of Institute Members appointed from AGI participating Societies.

Also, appointed thus far to serve two-year ISAG terms from January, 1982, through December, 1983, are: Dr. Charles G. Groat, Louisiana Geological Survey, Baton Rouge (AASG), and George deVries Klein, Department of Geology, University of Illinois, Urbana (SEPM).

When the ’82 ISAG is fully constituted, members will select a Chairman who will also serve for one year as a member of the Executive Committee of the Institute beginning January 1, 1982.

MISSING MEMBERS

Mail from the Institute sent to the following members at their address shown below has been returned without forwarding addresses. If you know where these members can now be reached, please advise Headquarters:

CONDON, Frank  REGAN, M.D.
4406 S. Florida Avenue  12715 Apache Pass Road
Suite 17  Spokane, WA 99206
Lakeland, FL 33803

VOGELSANG, William H.  STEINER, Richard J.
1604 Sauer Avenue  112 Stockton Drive
Richmond, VA 23230  Lafayette, LA 70506

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Please allow up to six weeks for change to be effected. Only one change notification is necessary for all AIGP publications.

Attach present mailing label here

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BELDING, Royal Lee  #5015; Knoxville, TN
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AIGP's informative, valuable and well-written "Professional Guides and Practices" are now offered as a complete set in this special three-ring binder for the price of $35.00 postpaid. Order from Headquarters. The set incorporates all of the Institute's current offerings in a sturdy light blue vinyl 2" wide loose leaf binder. The items are tab indexed. This special offer will provide purchasers with some 200 pages of interesting and readable text, illustrated by charts, graphs and drawings.
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This official publication of AIPG is distributed to the Institute's members throughout the United States, Canada and abroad.

Second-class postage pending at Golden, CO and additional mailing offices.

POSTMASTER: Send address changes to THE PROFESSIONAL GEOLOGIST, P.O. Box 957, Golden, CO 80402.

Articles submitted to the Editor for consideration of publication should be of a specific interest to the geology profession. Artwork and black & white photographs should be accompanied by a self-addressed stamped envelope.