Advisory Board and Executive Committee Meetings at AAPG Convention, Houston, Texas

The Executive Committee will meet on Friday, March 26, and the Advisory Board will meet on Saturday, March 27, with the possibility of a short Executive Committee session sometime during the AAPG convention. The meetings are scheduled at the Shamrock Hilton, Houston, Texas.

EXECUTIVE COMMITTEE MEETING, ST. LOUIS, MISSOURI - JANUARY 16, 1971

A meeting of the Executive Committee of the American Institute of Professional Geologists was held in the Holiday Inn (North), St. Louis, Missouri, January 16, 1971.

President Berg called the meeting to order at 8:30 A.M. and requested a roll call of the Committee. All committee members were present.

1971 Budget

The Preliminary Budget - 1971 was reviewed. Sources of income, being essentially fixed by the size of the membership, were not discussed in detail. Means of increasing interest income were reviewed and will be investigated. It was established that the Finance Committee is responsible for investigating further means of raising income levels. A detailed review was made of expenditures and the Committee satisfied itself that every reasonable economy is now being effected in operation of the headquarters office. Discussion of AGI dues elicited the following action.

Motion: Hold Second: Hayes

The Executive Committee expresses (through President Berg) its desire that AIPG pay $1.00 per member now, and pay an additional $1.00 per member at the end of the year if it can be done within the limits of the 1971 budget.

Recommendations were made for the establishment of separate depreciation and legal reserve funds.

A short review was made of certain items which might best be put back in the budget in lieu of establishing a contingency fund. The revised budget was read.

Motion: Hayes Second: Hershey

That the revised budget be approved as read. Carried.

Reduction of Experience Requirements for Membership

A lengthy discussion was held on this subject. Regional factors as well as over-all Institute factors were discussed, as were various aspects of professionalism. President Berg indicated that the closeness of the vote of the 1970 Advisory Board in regard to taking this matter to the membership justifies current action in not bringing the matter to a head, possible adversely dividing our membership at a time when unity is needed.

Motion: Gatlin Second: Hayes

That the Executive Committee not act on the recommendation of the Advisory Board (1970) to submit to the membership the question of reducing the required experience time to five years. Carried: Five years; Two nays.

Affiliate Membership

This item was deferred to the 1971 Executive Committee by the 1970 Executive Committee.

Motion: Hershey Second: Gatlin

That the Executive Committee table the recommendation of the Advisory Board (1970). Carried: Five years; Two nays.

Increase in Annual Dues

Discussion deferred until new programs discussed.

Specific Programs and Cost

Discussion deferred until new programs discussed.

(continued on page 3, column 2)
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Denver, Colorado 80228

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Vol. 8, No. 2

EDITORIAL NOTE

The Editorial and President’s Column contained herein are personal opinion and not the official views of the Executive Committee.

PROFESSIONAL PARAGRAPHS

REV. PROF. JAMES W. SKEHAN, S.J., AIPG, has been elected by the council of the Geological Society of America to a post on the Committee on Membership of The National Organization (1971-1972), the group which screens applications to membership and fellowship.

JACK V. EVERTT, AIPG, formerly Chief Geologist and Exploration Manager, W. S. Moore Co. and Roberts Mining Co., announces the establishment of a practice as Consulting Mining Geologist.

W. D. HARDEMAN, AIPG, formerly Chief Geologist for T.V.A., was recently transferred to the U.S.B.M. and is the Liaison Officer for Tennessee.

J. M. KELBERG, AIPG, was recently promoted to Chief Geologist T.V.A. Geologic Section.

R. W. JOHNSON, AIPG, was recently appointed Supervisor of Mineral Resources Section of Geologic Branch T.V.A.

R. W. ALLEN, AIPG, was recently appointed Supervisor of Engineering Geology Section of Geologic Branch T.V.A.

E. A. GRIBBI, Jr., AIPG, is now Chief Geologist for Gulf and Western Indonesia, Inc., headquartered in Singapore.

NEILSON RUDD, AIPG, President of Geo-Engineering Laboratories, Inc., Mt. Vernon, Illinois, will speak at the American Society of Civil Engineers’ National Meeting on Water Resources Engineering being held in Phoenix, Arizona January 12-15. This paper, entitled “A Deeper Look at Deep Well Disposal,” discusses some of the geological and hydrological factors which are critical to protection of the environment from damage by the injection of waste liquid into deeply buried rock.

The 1971 officers for the Society of Economic Geologists include several members of AIPG.

ERNEST L. OHLE, AIPG, Past Vice President
ROBERT A. LAURENCE, AIPG, Secretary
ROBERT M. GROGAN, AIPG, Treasurer
RALPH W. MARSDEN, AIPG, Councillor

LETTERS TO THE EDITOR

Sir:

Mr. Fred L. Fox’s letter to the editor (TPG, Jan. 1971) offers answers to questions raised in my earlier letter (TPG, Nov. 1970). Mr. Fox seems to be certain that statutory registration in individual states is both inevitable and desirable, and we had better gird our loins for the coming battle, to insure that the legislation which is going to bring this about is to our liking and, in fact, of our own making. AIPG President Berg says much the same thing in greater detail in his column titled “Changing Times” (TPG, Jan. 1971). If the majority of qualified geologists in a given state really want registration in their state, then one must conclude that they will wish to take action to have the necessary law drafted by those empowered to legislate. It comes down to the question: Do the majority of geologists really want registration? Mr. Fox implies that the answer is “Yes,” for he says that registration is necessary and desirable; if this is so, then geologists would be unwise not to favor it. Is the answer really “Yes”? Do the majority of qualified geologists favor statutory registration in the states in which they are employed at the moment? It may be that many engineering geologists favor registration, particularly if this includes secondary certification in their own specialty a la California law 942. This effectively chokes off competition from other qualified and competent geologists who are not practicing engineering geologists as they, the engineering geologists, choose to define the term, and comes very close to establishing the “trade union” mentioned in President Berg’s column.

The worst potential evil of registration is in the building of artificial legal fences around “specialties” in such a way that the geologist must, by law, limit his professional activities to a given category. Those who endeavor to divide the practice of geology into neat pigeonholes will, over the long term, do disservice to both our profession and our science.

As to registration enhancing the professional “image,” I know of one geologist who sagely observes that bookbinders, cemeteries operators, beauticians, plumbers, and other trades are registered in some areas, a fact that does not particularly enhance their image among their fellow citizens. Mr. Fox says that our image “has got us where we were 50 years ago.” If geological practice is no better off than it was half a century ago (a highly dubious premise), then surely we must look for the fault in something besides mere image, and registration is not likely to improve matters.

Sincerely,

Robert B. Hall, AIPG

RECENT DEATHS

Edward C. H. Lammers, AIPG, died in Denver January 3, 1971 at the age of 60. He was employed by Chevron Oil Co.-Western Div. as Chief Geologist for the western interior U.S.
AIPG is the only organization which speaks for the entire profession on professional matters, and it is also the organization which takes positive action on serious problems.

Therefore, our concern is for unemployment of geologists, a problem which has plagued our profession for more than a decade. Since 1957 terminations have occurred at frequent intervals and hundreds of geologists have been adversely affected.

By terminations I mean loss of employment for any reason - prejudicial and non-prejudicial, early retirement and other reasons. By large-scale I mean the termination of significant groups of employees during a short period; a dozen employees or more of a small company, a hundred employees or more of a large company.

The role of AIPG in employment matters is two-fold. First, we must inform the profession of the extent and seriousness of the problem, and second, we must take any action that appears to be required and is available to us to alleviate the problem after the facts are known.

The process of getting the facts has been under way for nearly two years, beginning with a survey by the Professional Employment Standards Committee under the able and aggressive leadership of Ellis Krintzsky, assisted by Miles Rader and Louis Unfer.

The first results of this survey were published under the title of "Attrition of Geologists" (The Professional Geologist, Oct. 1970). This survey showed that in recent years at least 1100 geologists (probably more) have left the profession for employment elsewhere, and this number would seem to represent a significant loss of highly trained manpower in times when the need for natural resources is growing at an alarming rate.

What caused these men to abandon their profession? Surprisingly, of the 450 who replied to the questionnaire only 11 percent stated that they were terminated and 3 percent took early retirement. Of the remainder, 46 percent claimed personal reasons or job dissatisfaction, and a surprisingly large 40 percent of respondents left the question unanswered. We must conclude that terminations appear not to have been the most important factor in discouraging a man in the practice of his profession.

What, then, have been the effects of large-scale terminations? One might guess that the obvious results are loss of income and personal hardships due to the lack of opportunity for immediate reemployment. But these appear to have been short-term effects, for it must be assumed that most geologists involved in large-scale terminations eventually found a means of support in continued practice because only 11 percent stated that they were terminated and left the profession.

The facts of terminations are still being gathered. The most important question is how many geologists have been terminated during the past decade? The answer to this question will not be easy to obtain with precision, but through another survey and with the cooperation of State Sections, a reliable estimate will be made.

Then a further question, more probing in nature, has arisen. What have been the policies of employers towards the employment of geologists? In order to find this answer a committee is at work under the direction of Kenneth Cran dall, past-president of AAPG, former vice-president of Standard Oil Company of California, and long-time member of the Institute. As a geologist, Ken's major concern for many years has been with employment of petroleum geologists, an important segment of the profession.

Because the petroleum industry has been the largest employer of geologists during the past 25 years, the most significant answers to employment questions will come from the major oil companies. How many geologists are employed, how are their talents used, how many have been terminated, and for what reasons?

And in the longer view, what are the prospects for future employment? A recent survey by AGI has provided a partial answer in terms of numbers, and the prospects are not highly encouraging. But again, a more fundamental question arises. What will be the future policies of employment by the major employers, and how will these policies affect the working geologist, as well as future geologists?

The entire profession needs such answers, and AIPG will try to provide them.

Robert R. Berg

Executive Committee Meeting (continued)

AIPG-AAPG Liaison Report

The implications of continuing dialogue with AAPG on the matter of consolidation of certification programs was discussed in light of the Sloss report dated November 17, 1970, and in light of a letter to Berg from J. O. Lewis, President, Division of Professional Affairs, AAPG. The Lewis letter indicates AAPG Executive Committee authorization for the division to cooperate more closely with AIPG in an effort to unify efforts of all geologists in matters concerning professional affairs. President Berg pointed out that Jim Wheeler has been asked to chair an ad hoc committee, AIPG-AIPG Liaison inasmuch as he works with Lewis. Gatlin suggested that an additional committee member be appointed from Tulsa.

Motion: Rold. Second: Gatlin

Moved that the Sloss report be acknowledged with a sincere expression of thanks for the work done. Carried.

Letter to Department of Agriculture

A letter to Secretary Hardin, J. S. Department of Agriculture, from Past-President Neel, was circulated. This letter protested the (poor) quality of geologic reports in Forest Service land planning. The Forest Service has responded and has accepted AIPG's offer to provide "guidelines" for future reports. Discussion of professionalism and certification followed, and Neel indicated he would confer with Emmett Finley (who drafted letter to Hardin) as to which committee should handle the response.
Evaluation of Old Dominion University

A letter to Neel from James L. Bugg, President of Old Dominion University, was circulated. This letter recognized the results of the AIGP evaluation of the geology department, and although not specifically stated in Bugg's letter, the AIGP effort will be beneficial to the University request for legislative funding to construct new facilities to house the geology department. Because the efforts of AIGP in evaluation of university geology departments is little known by the members, it was suggested that the Bugg letter be editorialized and printed in TPG, and Fothergill should describe the evaluation work of the committee (Professional and Scientific Standards).

Nevada Registration

Art Spanjeld's letter regarding geologist registration in Nevada was circulated. The practical solution suggested to the problem (inasmuch as there is a small number of geologists in the State) is that a geologist should serve on a mixed board (of inquirers, land surveyors, etc.). This geologist member would be advised by a subcommittee, made up entirely of geologists, inasmuch as mixed boards usually defer controversial matters to the member with the most background in the case at hand.

Exhibit Booth at AAPG Convention in Houston

A free booth is available to AIGP at the convention and the only expense for this facility, which would serve as a gathering place for members, and a propaganda station, would be the additional 3 or 4 days of Brunton's expenses.

Motion: Rolid Second: Hayes
That AIGP have a booth at the AAPG meeting in Houston. Carried.

Professional Employment Standards

Neel reviewed his December 14, 1970, letter to the Professional Employment Standards Committee. Discussion followed and centered on how to best handle the delicate problem of surveying geologists relative to company employment practices, and making the results of these surveys felt effectively by the companies.

Motion: Chojnacki Second: Gatlin
That Krinitzsky be asked to prepare and run a survey on "Employment Problems in the Geologic Profession." Krinitzsky should review the possibility of utilizing Geotimes and prepare a feasibility study. The questionnaire and final plans should be submitted for a critique and approval by the Executive Committee. Carried.

Committee Appointments

The list of Delegations and Committees was reviewed and unfilled slots were discussed.

President Berg reviewed the activities of the ad hoc Committee on Resources and Environment which upon committee recommendation has been renamed the Resource Development and Environmental Compatibility Committee. This committee is very active and has under review numerous government environment-oriented projects. The following business was conducted without the benefit of Hayes, who had to leave.

Motion: Rolid Second: Hershey
That committee appointments designated be approved. Carried.

President Berg requested that Executive Committee liaison members contact their committee chairmen for reports, to be given at the March meeting, stressing any problems which they would like to bring before the Executive Committee.

Future Programs and Costs

Brunton gave the background on the previously circulated letter from Ruder and Finn concerning a comprehensive program of public relations. Various means of handling public relations were discussed, and it was decided (since a vote was unnecessary) to refer the Ruder and Finn letter to the Public Relations Committee for review and circulation to the counterpart Section Committees, through the Section Presidents. Other aspects of public relations, such as work with public schools, contacting various state and county agencies using geology, writing articles for state-oriented magazines, etc., were discussed.

Increase in Annual Dues (previously deferred)

The discussion revolved around two items: (1) the development of specific programs with a per capita dues increase requirement for eventual presentation to the membership, and (2) the need for fiscal education among the Institute members. Regarding #2, it was decided that Brunton would write an article for TPG on "where the money goes" for editing and signature by the Secretary-Treasurer. Regarding #1, Berg will charge the Finance Committee with investigation of potential Institute activities and costs. Some of the items which could be considered, based on considerable discussion, are: public relations programs, Institute travel support for Executive Committee members and Advisory Board Delegates, Institute payment of Presidential expenses, Institute action to investigate employment practices and unemployment among geologists.

Motion: Gatlin Second: Neel
That the Executive Committee approve the recommendation of the 1970 Advisory Board to the effect, "...that the Executive Committee submit specific programs and goals, with an estimate of costs, to the membership, and that the members be asked to vote on those programs to be supported with an increase in dues" and that this will be a continuing policy of the Institute. Carried.

Other Business

Motion: Gatlin Second: Neel
That the Executive Committee adopt the following policy with regard to material submitted for publication in TPG. Subject matter presented by formal action of a State Section for publication in TPG shall be published. In the event that the cost of publication of the presented material is excessive, the State Section shall pay the printing costs. Carried.
Rold Visit to Wyoming

Rold discussed his recent visit with the Wyoming Section in Casper. The contact was timely in that the AIPG and Wyoming Geological Survey have been active legislatively. The cooperation has progressed to the point that WGS is going to finance expenses of AIPG in lobbying activities where mutual interests can be served. The activity reported prompted Neal to suggest that Executive Committee members should visit Sections whenever and wherever possible. President Berg noted that he is planning to concentrate in the Gulf Coast area. He also requested that Excom members keep Brunton informed of possible contacts in normal business trips.

Other Business

President Berg suggested in regard to Jerry Newby's attempt to get geologic-interest highway signs placed throughout the country, that each State Section could authorize a man to handle any related activity. Further, Berg indicated that he would write to each State Geologist to determine if the State has signs and if not are there plans under way to place them.

Motion: Gatlin Second: Chojnacki
That the meeting adjourn. Carried.
President Berg formally adjourned the meeting at 11:30 P.M.

John B. Ivey, Secretary-Treasurer

STATE SECTION NEWS

NEW MEXICO

A recent questionnaire of AIPG members of the New Mexico Section at the State Convention revealed the following information:

Question 1. What are the most pressing issues for the New Mexico AIPG Section?

Answers by priority:
1. Professional image - publicity
2. New members
3. Environmental factors - pollution - land development, etc.
4. Registration
5. Protectionistic factors - fees, employment, consultants directory

Question 2. Do you think the New Mexico Section is doing the job you envisioned and is it really significant?

Answer: 9 to 1 yes.

Question 3. How would you change the State Section?

Answer: Various comments made.

Question 4. (a) Do you think AIPG and AAPG certification an overlap? (b) Do you think they should merge? (c) If yes, which should survive?

Answers: (a) 2 to 1 yes; (b) 2 to 1 no; (c) 9 to 1 AIPG.

Question 5. As a state section member, how would you view your state section effort in "political activity"?

Answer: About 50-50 for not political enough to about right. No votes for being too political.

Question 6. Do you favor more public relations or image building efforts?

Answer: 10 to 1 yes.

Question 7. Since major company geological employees do not constitute a percentage of membership in AIPG in proportion to their numbers, would you favor "union type efforts"? i.e., political muscle to reduce lay offs or issue awards for companies which "exhibit proper concern for geologic employees."

Answer: 5 to 1 no.

Question 8. Do you think your state section is trying to tackle too much and therefore spread itself too thin?

Answer: 10 to 1 no.

Question 9. How would you rate state section benefits to you as an individual?

1. Contact with fellow members
2. Newsletter
3. Prestige of belonging
4. Involvement in political and policy matters affecting our profession
5. Yearly state convention

Question 10. How do you rate your contribution to the New Mexico Section?

Answer: A slight majority have done their share.

UTAH

The Utah Section, having changed its constitution to conform with National AIPG, i.e., term of office beginning as calendar year, has elected for 1971:

Edward R. Keller ...................... President
James B. Lindsay ..................... Vice President
P. A. "Art" Meyer ..................... Secretary-Treasurer

COLORADO

Legislators Asked to Include Geology in Environment Act

Colorado's legislators were asked this week to include the State's geology in the proposed Colorado Environmental Policy Act of 1971.

In a letter to Senator Hugh C. Fowler (R-Arapahoe), James W. Nance, Denver Consulting Geologist and President of the Colorado Section, American Institute of Professional Geologists, pointed out that the proposed Act does not include proper consideration of geologic factors as they relate to man's environment.

Senator Fowler is sponsoring the Act in behalf of the Colorado Environmental Commission.

"Colorado is particularly rich in earth resources," Nance said. "This wealth has attracted to the State a large number of geologists who are committed to an orderly, responsible conservation-oriented approach to the development of these resources so that they may be used for the benefit of all people."

Nance called for responsible legislation to consider the state's geology as development of mineral resources relates to the environment, and offered the professional assistance and abilities of AIPG members to achieve this goal.
FLORIDA

Forty-five members and guests of the Florida Chapter met in Lakeland on January 19th. Philip E. LaMoreaux, AIPG, Alabama State Geologist, spoke on the challenges and implications of environmental protection, and the geologist’s role. Mr. LaMoreaux emphasized the responsibility of geologists in keeping the general public not only aware but informed of important facts and factors in the protection of the environment from not only industry, but man himself. He further indicated that progress does not necessarily mean pollution. The necessity of the future continued utilization of this country’s natural resources demands that the geological profession show leadership in developing compatibility between resources and environmental protection.

In February, the Florida Chapter will host the National AIPG Committee on Resource Development and Environmental Compatibility.

LOUISIANA

The Lafayette Chapter of the Louisiana Section met on December 7, 1970. The meeting was devoted to discussions of various aspects of the AIPG on local, state and national levels.

The following state officers for 1971 were elected by acclamation:

President ..................... Burns M. Crothy
Vice President .................. James L. McCoy
Secretary ....................... Rolland E. Fisher


Perhaps more than at any other time in the history of the Institute, finances are one of the most critical problems facing us. At the same time, interest in this problem is hardest to generate. In keeping with policy established by past Executive Committees, the Institute Budget for 1971 is printed here. This Budget was examined item-by-item and discussed at great length before it was approved at the January 14 meeting of the Executive Committee. The Executive Committee found this review most educational with regard to the internal affairs of the Institute. This led to the decision to publish a budget explanation rather than an abbreviated form which has been published in the past.

The Executive Committee felt that the members of the Institute would find a detailed discussion of the budget as educational as had the Executive Committee. As a practical matter, however, it was decided that a discussion of a past budget would be better than a discussion of a budget yet to be spent; hence the following is a detailed review of the 1970 Budget, which was printed as the Approved Budget in the March issue of The Professional Geologist. Each member is urged to review the approved budget with the actual expenditures made during 1970 as reported and described below. You will note that the approved budget for 1970 was $43,964.00 and the actual budget expenditures were $43,780.01. Our money was managed extremely well last year inasmuch as we spent $233.99 less than was approved. Figures in parentheses are the amounts approved for the 1970 budget; figures not in parentheses are actual expenditures for 1970.

Income

The principal source of Institute income is the annual dues of the members. Dues receipts in 1970 amounted to $38,880.00. An additional $5,185.00 in income was derived from approval of new members (whose prepaid dues are kept in a reserve account), from processing fees of new applicants, from interest on funds invested in savings accounts, and from the sale of Institute insignia material.

Expenditures

Salaries .................................. $18,582.00

This item includes two permanent employees and an expenditure for part-time help.

Payroll Tax .......................... (620.00) $629.80

Fidelity Bond and Insurance .......... (107.00) $181.00

The Bylaws require that all officers and staff members be bonded at the expense of the Institute. The office equipment has been insured against theft or loss by fire.

Travel Expenses .................. (1,500.00) $1,548.71

Expenses incurred by the Executive Director for travel to Executive Committee meetings and the Annual Meeting. Also included is a small amount for travel assistance for the Editor, who serves a two-year term and must attend eight meetings during that time. All other members of the Executive Committee pay their own expenses.

Employees’ Retirement Fund ........(1,200.00) $1,200.00

Money is deposited in this fund at the discretion of the Executive Committee, and can be withdrawn at any time. Employees do not acquire a vested interest in the fund.

Office Rent ......................... (8,075.00) $8,900.00

The amount of rent that would be needed for the total space requirements of the Institute is offset to some extent by sharing office and storage space with a consultant who is a member of the Institute.

General Office Supplies ..........(1,200.00) $1,531.00

In addition to the numerous small items needed to run an office such as pencils, paper clips, staples, typewriter ribbons, file folders, etc., this category includes stationery and envelopes. The Institute uses approximately 35,000 envelopes per year in general correspondence, mailing six applicant lists per year, dues notices, ballots, etc., and in providing ballot envelopes and return address envelopes. The Headquarters Office sends approximately 25 to 30 pieces of mail daily to members, applicants and others, requiring a considerable volume of stationery and envelopes.

Microfilming ........................ (100.00) $56.31

Before we started microfilming some application files were lost in transit to screening boards and to members of the Executive Committee. Now every application, with supporting letters, is microfilmed before it leaves the Headquarters Office for screening.
Addressograph .................. (150.00) $119.19
The Institute receives an average of 75 address changes and additions to the addressograph list per month. This amount represents the cost of new plates and the charge for preparation.

Printing .......................... (2,920.00) $2,979.62
These charges include only the following items (printing of the Newsletter and the Directory are reported separately):
A. Six applicant lists per year.
B. Application Packet Material -
   Bylaw Booklets
   Application Blank
   About AIPG
   Salient Accomplishments
   Instruction Sheets
C. Nine different form letters used to keep applicants informed as to the status of their applications.
D. Membership Certificates and wallet cards.
E. Ballots and dues notices.
F. Xerox.
G. Advisory Board agendas and official Minutes.
H. Section Model Bylaws.
Many of you may have noted that some printed material, particularly the Minutes of Advisory Board Meetings, are printed in a reduced type. This material is prepared by Headquarters staff on \(8\frac{1}{2}\times11\) sheets which are photographically reduced to \(6\frac{1}{4}\times11\). This is a reduction to 40% of original size with a corresponding reduction in printing costs. A report that would normally be 10 pages on \(8\frac{1}{2}\times11\) is reduced to a report of 6 pages, and our printing costs are reduced by the cost of 4 plates.

Postal Costs ...................... (2,469.00) $2,818.38
A. General correspondence mailed from the Headquarters Office averages 25 to 30 pieces of mail per day. The postage on pieces mailed ranges from 6 cents for letters, to 24 cents for an application packet, to more for groups of applications mailed to Screening Boards. The average cost of the above is 20 cents per piece.
B. Legal counsel advises that lists of approved applicants submitted to the membership must be sent to the members by first class mail. Six of these lists are mailed per year.
C. The Membership Directory is mailed at a nonprofit bulk rate, but it still costs about $125.00 to make this mailing to all members.
D. The mailing of ballots for officers and Bylaw amendments, dues notices, membership certificate and insignia material is made at first class rates for the obvious reason that losses are reduced at this rate.

Telephone ....................... (900.00) $909.78
This item includes the normal service charge for a business listing and all long-distance calls made from Headquarters.

Audit ............................ (1,100.00) $1,075.00
This item includes a complete audit of the account books of the Institute and the preparation of required IRS information returns. It also includes a review and compilation of all income and expenditures of the State Sections, and the preparation of a Group Information Return.

Legal ............................ (600.00) $728.00
Attorney fees paid in connection with the preparation of charges of unethical conduct against a member of the Institute, and legal advice required throughout the prosecution of the case.

Public Relations .................. (65.00) $65.00
This is the cost of maintaining our society card in the AAPG Bulletin.

Office Equipment ................. (200.00) $274.90
A new file cabinet and table were required for the Headquarters Office. The total cost of office furniture and equipment since the founding of the Institute has been $2,159.00.

The Professional Geologist .......... (4,000.00) $3,234.84
This was the total cost of printing and mailing 10 issues of the newsletter to all members and applicants.

1970 Membership Directory .......... (1,500.00) $1,464.94
Preparation, printing and binding of 2,500 copies of Directory.

Procedures Handbook ............... (1,000.00) $448.05
This handbook was prepared as a guide to duties and responsibilities of all Section Officers, Institute Officers, Committee Chairmen, Screening Boards and Advisory Board Delegates. Two hundred fifty of the handbooks were printed on durable stock and punched for 3-ring binders. It was intended that embossed binders be distributed, but the funds were not available. The handbook will be updated each year.

AGI Dues ......................... (2,000.00) $2,000.00
AIPG is a Member Society of AGI and pays $1.00 per member per year.

Miscellaneous .................. $672.69
This item includes nonrecurring expenditures. In 1970, the costs of moving the Institute office to new quarters were included.

Depreciation .................... $307.80
The reserve funds for replacement of office furniture and equipment.

UNAUDITED TOTAL ........... $43,780.01
At this writing the Institute books, records and receipts are at the auditor's. The usual time for an audit is about four to six weeks.
ESTIMATED INCOME:
1. Dues from 2058 Active Members .................................. $41,160.00
   Less delinquent accounts .................................. 1,000.00 $40,160.00
2. Transfer from reserve dues account:
   81 applications pending
   1-1-71:
   51 approved before 7-1-71 . $ 1,020.00
   30 approved 7-1-71 to 9-30-71 .................................. 360.00 1,380.00
New applications received in 1971 (due to reserve account):
140 @ $20 .......... ($2,800)
50 approved in 1971 (1,000) .................. 1,000.00
90 in suspense to 1972 (1,800)
3. Processing Fees:
   140 @ $5 .............. 700.00
4. Interest .................. 900.00
5. Sale of insignia material .................. 200.00
$44,340.00

ESTIMATED EXPENDITURES:
A. Administrative ................. $22,540.80
B. GHQ Operations ................ 13,120.00
C. Membership Services ........... 8,679.20 $44,340.00

A. Administrative:
1. Salaries .................. $19,500.00
2. FICA .......................... 870.80
3. Bonds & Insurance ........... 170.00
4. Travel Expenses .............. 800.00
5. Retirement Fund ............... 1,200.00
Total Administrative Expenses ... 22,540.80

B. Operations GHQ:
1. Rent .................. $ 3,075.00
2. Office supplies .......... 1,200.00
3. Microfilming .............. 72.00
4. Addressograph ............ 120.00
5. Printing:
   Applicant lists ........ $ 480.00
   Forms .................. 500.00
   Certificates .......... 350.00
   Xerox ................. 1,080.00 2,410.00
6. Postal Costs:
   General .................. $1,800.00
   Applicant lists ........ 800.00
   Ballots, dues notices .... 150.00
   Directory .............. 200.00 2,950.00
7. Telephone .................. 900.00
8. Depreciation ............... 308.00
9. Services by others:
   Part-time clerk .......... $220.00
   Audit .................. 1,500.00
   Legal (legal res.) ....... 300.00
   AAPG card ............ 65.00 2,085.00
Total GHQ Operations Expenditures .......... 13,120.00

C. Membership Services:
1. Publications:
   TPG .................. $4,279.20
   1971 Directory .......... 2,100.00
   Proc. Manual ........... 300.00 6,679.20
2. AGI Dues ................. 2,000.00
Total Membership Services Expenditures ...... 8,679.20

TOTAL ESTIMATED EXPENDITURES ........ $44,340.00