**HOUSTON GEOLOGICAL SOCIETY**

**1968-1969**

**OFFICERS**

<table>
<thead>
<tr>
<th>Position</th>
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<tbody>
<tr>
<td>President</td>
<td>Jim L. Lewis</td>
<td>CA 7-2060</td>
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<tr>
<td>1st Vice President</td>
<td>Fred M. Schall, Jr.</td>
<td>CA 2-948</td>
</tr>
<tr>
<td>2nd Vice President</td>
<td>Martin M. Cassidy</td>
<td>CA 7-4737</td>
</tr>
<tr>
<td>Secretary</td>
<td>Robert L. Muskhale</td>
<td>CA 5-8841</td>
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<tr>
<td>Treasurer</td>
<td>Robert R. Ronay</td>
<td>CA 2-0376</td>
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**EXECUTIVE COMMITTEE MEN**

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<th>Name</th>
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<tr>
<td>George R. Carver, Jr.</td>
<td>CA 5-5511</td>
</tr>
<tr>
<td>Floyd B. Wilcox</td>
<td>CA 7-5161</td>
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<tr>
<td>Roby B. Clark</td>
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<tr>
<td>John L. Zeffia, Jr.</td>
<td>CA 1-5899</td>
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<tr>
<td>Fred L. Smith, Jr.</td>
<td>CA 6-7575</td>
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**COMMITTEE CHAIRMEN**

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<tr>
<th>Committee</th>
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<tr>
<td>Finance</td>
<td>James W. Fugaz</td>
</tr>
<tr>
<td>Distribution &amp; Loans</td>
<td>Martha Shirley Boussard</td>
</tr>
<tr>
<td>Research &amp; Study</td>
<td>Donald H. Horowith</td>
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<tr>
<td>Personnel Placement</td>
<td>Homer Clatter</td>
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<td>Public Relations</td>
<td>Kenneth L. Hachma</td>
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<tr>
<td>Entertainment</td>
<td>Tom Riley</td>
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<tr>
<td>A.A.P.G. Membership</td>
<td>Ronald B. Thompson</td>
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<td>Ben Sorrel</td>
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<td>Edward P. Ellison</td>
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<td>Exhibits-G.C.A.G.S.</td>
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<td>Arthur Christians</td>
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<td>Clyde G. Beattish</td>
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<td>Boy Scout</td>
<td>W. A. Atlee</td>
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<td>Field Trip</td>
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**Special Committees**

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<tr>
<td>Academic Liaison</td>
<td>Robert Dollison</td>
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<tr>
<td>Oceanographic Liaison</td>
<td>Harold Geis</td>
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<tr>
<td>Submarine Geology and</td>
<td>Ed R. Turner, Jr.</td>
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<tr>
<td>Natural Science</td>
<td>Martha Shirley Boussard</td>
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<td>Special Publications for</td>
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<tr>
<td>Geology of Deltas</td>
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<tr>
<td>AAPG Continuing Education</td>
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<tr>
<td>Co-ordinator</td>
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**REPRESENTATIVES**

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<tr>
<td>G.C.A.G.S. Representative</td>
<td>Harold E. Voigt</td>
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<tr>
<td>Alternate</td>
<td>Kenneth R. Johnson</td>
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<tr>
<td>A.A.P.G. Group Insurance</td>
<td>John Brennsteller</td>
</tr>
<tr>
<td>General Chairman of 1971</td>
<td>Edd R. Turner, Jr.</td>
</tr>
<tr>
<td>A.A.P.G. Convention</td>
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THE BULLETIN OF THE HOUSTON GEOLOGICAL SOCIETY
Office—234 Esperson Bldg.—Houston, Texas 77002—CA 3-9309
Subscription Price $3.00 per year

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Editor McInnis S. Newby — CA 4-5251

Associate Editors

In Memoriam ................................. Edward G. Lipp ................. CA 2-6285
News of Societies ......................... McInnis S. Newby, North Central
Oil Corporation ............................... CA 4-5251
Geo Science Notes ....................... Walter Sadlick, Dept. of Geology
University of Houston .................. 748-6600
Distaff Side ................................. Mrs. Marion (Dorothy) Roberts 622-7357

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MEETING NOTICE

The October meeting of the Houston Geological Society will be held at the Houston Club on Monday, October 14th. Mr. Frank B. Conselman, President of the American Association of Petroleum Geologists, will speak on "A.A.P.G. - Present and Future." Recently the A.A.P.G. has been at the center of several controversies, this talk will discuss what this largest of all geological societies is up to. Questions and discussion from the floor will be welcomed after the talk. A lively meeting is expected.

Date: Monday, October 14, 1968
Place: The Houston Club
Time: 5:00 to 6:00 P.M.-Cocktails
6:00 to 7:00 P.M.-Dinner
Cost: Dinner $4.10 - Drinks $1.00 each.
Program: "AAPG - Present and Future"

SPECIAL NOON MEETING

Dr. Prucha, distinguished lecturer of the A.A.P.G., will speak on Sedimentary Rock Deformation Related to Structure in the Basement. Dr. Prucha is Professor of Structural Geology and Chairman of the Department of Geology at Syracuse University. His current research is centered on salt deformation in compressional folding and the application of rock mechanics to problems of structural geology and tectonics. As Dr. Prucha says in his abstract "Petroleum exploration and development in areas of deformed sedimentary rocks commonly must be concerned with the inter-relationships between sedimentary rock deformation and the structure of the basement." Mark October 23rd NOON on your calendar now!

Date: Wednesday, October 23, 1968
Place: Rice Hotel
Time: 12:00 NOON
Cost: $3.00
Program: Sedimentary Rock Deformation Related to Structure in the Basement.
The Houston Geological Society has seen the formation of many "study groups" in the past. The most active at the present time and a very successful one, is the Delta study group. This has been successful in many ways. The individual members of the Delta group have received the greatest benefit, yet all HGS members have received a great deal from this small percentage of our membership. The excellent and successful publication Deltas is the direct result of this study group. Publications such as this is one of the aims of any geological society. At the present time the HGS is planning the formation of additional study groups. Two have recently been formed. Their formation is announced elsewhere in this Bulletin. John Loftis, member of the HGS executive committee is in charge of research and study. He is studying the suggestions sent in by members, in order to select timely and worthwhile topics for consideration. Out of this study will come the formation of several new Study Groups.

These groups will undoubtedly result in new publications for the HGS. These publications will enable all geologists to profit from the study, however, those receiving the greatest professional gain from the work will be those taking an active part. When the formation of a Study Group is announced consider becoming a part of this portion of the activity of HGS. The Delta study group is still very active, and would welcome your participation. Another publication from this group may be in the press this year, another is in the "data-collection" stage for possible publication next year. Any member desiring to work in these study groups can receive information from John Loftis.

- James O. Lewis
Let's Break the Habit

The few of us in attendance at the last monthly meeting were given an unscheduled treat. In addition to our regular program, we heard Dr. J. Brian Eby relate his experiences and observations while in Prague during the recent Russian occupation of Czechoslovakia. Later that evening I recalled two other particularly interesting talks given to our Society when only a pitifully small group of members were present. We are lucky that one of these talks will be presented again to our Society, when Dr. Robert F. Dill, a member of this year's A.A.P.G. Distinguished Lecture Group will speak to us at a noon meeting. I commend his talk to you.

Why do we have such poor attendance at our meetings? From our questionnaire last year we determined that of the 822 replies, 426, or roughly half, of the respondents had the expense of the function paid by their employer. This year we have initiated a car pool arrangement to help solve the transportation problem. Yet, our attendance is still low.

Maybe the answer lies in a bad habit we have developed -- the habit of not going to the meetings. A man can work alone as a geologist, but his life is richer and fuller when he can share professional thoughts and social conversations with others having common interests and objectives. Our Society, with all its functions, is a proper setting in which to get acquainted with each other within our profession, and to work on projects which will benefit us all.

Think positively! Make it a habit to go to the meetings. Get yourself into the routine of saving the second Monday evening of each month for your Society. If you do, I believe that at the end of the year you will conclude you have picked up a good habit.

-- McInnis S. Newby
HOUSTON GEOLOGICAL SOCIETY FIELD TRIP

Mark Saturday, October 12 on your 1968 calendar. On that date the Houston Geological Society will hold a one-day field trip. Selected outcrops of the Rockdale delta system and younger units of the Wilcox group will be visited.

A guidebook will be provided which will emphasize the environments of deposition and intraformational facies changes within the Wilcox group in Texas. The cost of the guidebook, entitled Environments of Deposition, Wilcox Group, Texas Gulf Coast, will be $5.00 ($4.00 for students). Copies will be available at the assembly point, or may be ordered a week in advance by mailing a check for $5.35 payable to the Houston Geological Society to: Dr. R. P. Zingula, Rm. 2473, Humble Oil & Refining Co., P. P. Box 2180, Houston, Texas 77001.

The assembly point for the trip will be at the junction of Texas Hwy. 71 (and 21) with F. M. 304, 1.9 miles west of the Colorado River at the west edge of Bastrop, Bastrop County, Texas.

Participants will be expected to provide their own transportation, lunch, and liquid requirements. Please share transportation if at all possible. Allow at least two and one-half hours driving time from Houston plus time for coffee or breakfast.

Excellent camping facilities are available at nearby Bastrop State Park and motels are available locally for those wishing to drive up Friday evening.

Plan to arrive at the assembly point no later than 8:15 a.m., Saturday. If you are late, remain at the assembly point where you may rendezvous later in the morning on the way to the second stop.

Further details, if necessary, may be obtained by contacting your Field Trip Committee Chairman, Bill Atlee, CA 1-2657.
Mr. Wilton E. Scott, President of Tenneco Oil Company of Houston, addressed the September meeting of the Lafayette Geological Society.

Court Stineman has resigned from Exploration Surveys of Dallas and formed his own company; the Court Stineman Company. He states he has an extensive library of Gravimetric Data and offers the industry a Gravity Brokerage Service as well as custom interpretation. His address is 4617 Huisache, Bellaire, Texas, 77401, and his telephone is 666-5649.

It is with sorrow that we note the death of Chester A. Sappington, long time member of both the Houston Geological Society and the Geophysical Society of Houston.

The big smile of President-ex-officio Fred Smith is probably due to his being a new grandfather…….to another future Aggie!

Dr. J. Brian Eby has given $50,000.00 to the Houston Museum of Natural Science to provide a Hall of Gems and Minerals in the new Museum. Dr. Eby has been a member of the Board of Trustees of the Museum since 1950, and is a former President of the Board. A huge block of amethyst crystals from Brazil was given to the Museum in 1964 by Dr. Eby, and has been on exhibit in the lobby of the building ever since. Next year it will become the handsome center piece of the J. Brian Eby Hall of Gems and Minerals.

William E. Kearney has left Crown Central Petroleum Corporation. He says his plans are indefinite at this time.

Ken Kerfoot has been transferred to Lafayette as Division Manager by Crown Central.

New geologists coming to Ernie Cockrell from New Orleans are Dick Bennett formerly with Shell and John Dow formerly with Humble.

R. C. Marmaduke has opened Consulting Offices at 606 Bank of the Southwest, phone - 227-1853.

Ray J. Thompson, Jr. is now officeing at 1234 Americana Bldg. His phone is 227-2287.

Stormy F. Smith, Charles S. Slocum, W. H. Krause, Jack Mims, Ralph R. McLeod, Bill Wendt and Donald Krone are now with TransOcean Oil Inc., 17th Floor, Houston Natural Gas Bldg. Their new telephone number is 225-0281.

John Rabenold is presently officeing at 964 San Jacinto Bldg. He can be reached at 228-7884.
H. G. S. member Keith A. MacIvor, formerly with Signal Oil & Gas here in Houston is currently hospitalized in Parkland Hospital in Dallas following surgery.

Charles L. Debow has left J. M. Huber Corp. in New Orleans to return to Houston as Texas Gulf Coast Geologist for Geo Map Company; JA 4-7471.

July 1, 1968 PanGeo Atlas Corporation and Lane-Wells Company merged to form a new company -- Dresser Atlas, Division of Dresser Industries, Inc. The following Houston Geological Society members and their new addresses and titles are listed.

**Dresser Atlas, 1045 The Main Building, Houston, Texas 77002 - CA 4-8961**

- Bishop, W. Don: Area Log Analyst
- Campbell, John L. P.: Area Log Analyst
- Rhodes, Roy M. "Dusty": Offshore Regional Sales Engineer
- Smith, Ross B.: Area Sales Representative
- Young, W. L.: Area Sales Representative

**Dresser Atlas, P. O. Box 1407, 10201 Westheimer, Houston, Texas 77001, SU 2-7100**

- Edwards, Lyman M.: Chief Field Applications Engineer
- Kahan, Donald N.: Staff Engineer
- Muir, David: Research Engineer
- Watt, Harold B.: Senior Log Analyst
- Burman, Winter A.: Chief Electrical Engineer
- Cline, Dallas D.: Camera Technician

Richard B. Powers, ex-District Geologist in Casper and most recently Staff Geologist, Exploration Studies, in Houston with Tenneco Oil Company has resigned to engage in consulting work in Denver. He is now affiliated with Barlow & Haun, Inc., Consulting Geologists. His office address is 9470 West Tennessee Avenue, Denver, Colorado 80226, Phone 986-0628.

Doug Holmes, production geologist in Shell Oil Company's Houston Marine Division was promoted to Senior Production Geologist and transferred to New Orleans Southwest Division, effective July 1, 1968. Their new address is 315 Country Club Blvd., Slidell, Louisiana 70458.

C. D. "Cy" Cantrell, who has been associated with H. J. Porter, and J. W. Porter for nineteen years, has opened an office for consulting in oil and gasology and engineering. The new office address is 508 C&I Bldg. Main & McKinney; telephone 225-3754.

**THE SOCIETY WELCOMES THE FOLLOWING NEW MEMBERS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
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<tbody>
<tr>
<td>Richard E. Bennett</td>
<td>Cockrell Corporation</td>
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<tr>
<td>Hugh T. Echols</td>
<td>Independent Geologist - Oil Producer</td>
</tr>
<tr>
<td>L. D. Lusk</td>
<td>Standard Oil Company of Texas</td>
</tr>
<tr>
<td>Jimmie D. Simpson</td>
<td>Humble Oil Company</td>
</tr>
</tbody>
</table>
COMMITTEE REPORTS

Placement Committee:

Our files have grown to 70 geologists, geophysicists, and paleontologists. Ages range from 23 to 65, and degrees include Bachelor through Ph D. The summer months are historically slow on the hiring side, so the Placement Committee has little to report in the way of success. With vacation season drawing to a close, business is picking up. During the first two weeks of September we have had inquiries for six jobs. We hear rumors of many other job opportunities in Houston and earnestly solicit inquiries from any and all employers. Our files contain a good cross section of talents and our fee is low - just a half hour of your time to examine the records!

-- George Sealy

Study Group Committee:

The Houston Geological Society currently has three active Study Groups. Inquiries relative to these groups should be directed to:

Delta Study Group, Daniel H. Horowitz, 622-4222
Stratigraphy Study Group, Claude M. Quigley, Jr., 529-4211
Geothermal Study Group, Theodore C. Bartling, 748-1266

Eager workers are solicited and will be warmly welcomed to these working groups.

Stratigraphy Study Group:

The first meeting of the Houston Geological Society Study Group on Stratigraphy was held September 16, 1968 at Wyatt's in Sharpstown. Twelve members were present. In addition to myself, there were Messrs. John Auoruso, "Spud" Brundage, "Newt" Feldman, Bill Frew, John Frick, George Gordon, Paul Nelson, Ken Renfro, Fred Smith, Leo Shishkevish and Gary Spraul. To each of the above I wish to express my thanks for his presence and comments. We will meet again on Monday, September 30, 1968, at the same location.

I expect to have a base map and the large cross sections that were used in the 1953-54 Study Group report at the next meeting. It is our feeling at this time that we will update this report by extending the cross sections in depth and length. We will consider revising the correlation chart, adding productive zones, indicate environment of deposition, and give examples of stratigraphic traps in the Gulf Coast.

Any one else interested in participating in this Study Group, please call me at JA 9-4211.

-- Claude M. Quigley, Jr., Chairman
REMEMBER !!!!!

Car Pools for H.G.S. Night Meetings

Again, in order to provide rides for members attending the HGS evening meetings, a TRANSPORTATION TABLE will be set up in front of the stairs at the next meeting. This service met with great success the first meeting and currently rides can be furnished from and to the following areas:

Shell Development
Fannin State Bank
Richmond Avenue - Buffalo Speedway

Would those drivers who have not listed their names with the Transportation Committee please do so immediately by contacting Arthur Christensen at RI 8-2800, Ext. 470.

NEWS ..................................................... OF OTHER SOCIETIES

NEWS OF A.A.P.G.

Many members of the Houston Geological Society are apparently unaware of one of the finest benefits available to them (and their employees) under their membership in the A.A.P.G. This benefit is the wonderful insurance program sponsored by the A.A.P.G.

At the present time, there are five (5) plans of insurance in effect, and these plans are:

1. Major Medical Plan
2. Disability Income Protection Plan
3. High-Limit Accidental Death and Dismemberment Plan
4. Hospital Money Plan
5. The Life Insurance Plan

This program is ably and competently administered by the experienced insurance organization of Smith, Sternau, and Son Corporation of Washington, D. C., and descriptive literature, brochures, or answers to technical questions in regard to the program may be obtained by writing to:

Administrator,
A.A.P.G. Group Insurance Program
Smith, Sternau and Son Corp.
1707 L. Street, N. W., Suite 800
Washington, D. C. 20036

In addition to the administrator supervision, we have a continual review of the work of our professional insurance people by our own Trustees of Association Group Insurance Committee. This committee or our own members, who generously donate their time and talents to further insure the proper function of the program, are Garth W. Caylor, Chairman, Peter T. Flawn, and George S. Galbraith.
The members of H.G.S. are fortunate in having a representative of the Administrator, and one of the originators of the program, as a resident of Houston. His name is John D. Bremsteller, and he can be reached at 7903 Neff, Houston, Texas 77036, or by telephone at PR 4-3188. Mr. Bremsteller is a very capable insurance counselor, and he would be very happy to assist you with any problems you might have concerning the insurance program.

There are many ways that the insurance program can be beneficial to you, such as:

1. **Major company geologists**, who are covered by their company policies, can supplement or augment their present coverage at a very reasonable cost.

2. Consulting geologists and independents, who normally have to furnish their own protection, can obtain excellent coverage at a lesser cost.

3. If you should be "unlucky" enough to have a working interest in a producing property, and have to borrow the operating capital from the bank, you can possibly insure the repayment of these funds (in the event that something should happen to you) by utilizing the insurance program.

4. Or, if you should be lucky enough to have an overriding royalty on a 50 million barrel discovery, additional insurance would probably be necessary to help you with your "sudden" tax problem.

There are many other ways in which the insurance program could be helpful to you; so it behooves each of you (especially major company geologists) to carefully review your personal insurance program to determine if you can improve your insurance posture by utilizing one or more of the A.A.P.G. Group Insurance Plans. Please give the program a second look.

1971 AAPG NATIONAL CONVENTION

The 1971 AAPG Convention will be held at the Shamrock Hotel May 10-13. Planning sessions are already being held, and a general meeting of all committee chairmen is scheduled for the latter part of November.

Mr. Edd R. Turner, Jr., General Chairman, announces the following appointments to the Coordinating Committee and to Chairmanship of Committees:

**Coordinating Committee**

General Vice Chairman of the Convention:
James F. Enyeart
Texas Gas Transmission

Coordinating Member:
James A. Wheeler

**Service Committee Chairmen**

Transportation - Robert D. Conrad, Continental Oil Company
Information - Roger G. Alexander, Jr., Standard Oil Co. of Texas
<table>
<thead>
<tr>
<th>Name</th>
<th>Company/Position</th>
<th>Address</th>
<th>Phone</th>
<th>City, State, Zip</th>
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<tbody>
<tr>
<td>JOSEPH L. ADLER</td>
<td>Geologist &amp; Geophysicist</td>
<td>Chamber of Commerce Bldg.</td>
<td>CA 2-7925</td>
<td>Houston, Texas 77002</td>
</tr>
<tr>
<td>R. P. AKKERMAN</td>
<td>Geologist EXPLORATION Engineer</td>
<td>3425 Bradford Place</td>
<td>MO 8-4327</td>
<td>Houston, Texas 77025</td>
</tr>
<tr>
<td>ALLEN &amp; GILKISON</td>
<td>Oil and Gas Consultants</td>
<td>963 San Jacinto Bldg.</td>
<td>CA 8-9329</td>
<td>Houston, Texas 77002</td>
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<tr>
<td>JOY J. ANNELER</td>
<td>Consulting Geophysicist and Geologist</td>
<td>7054 Hendon</td>
<td>PR 4-6562</td>
<td>Houston, Texas 77036</td>
</tr>
<tr>
<td>A. I. BARTOW</td>
<td>Geophysical Consultant</td>
<td>2315 Watts Road</td>
<td>MO 8-3306</td>
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<tr>
<td>BELL AND MURPHY</td>
<td>Consulting Geophysicists</td>
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<tr>
<td>JOHN L. BIBLE</td>
<td>BIBLE GEOPHYSICAL CO., INC. Gravity-Magnetic Surveys</td>
<td>236 Esperson Bldg.</td>
<td>CA 2-6266</td>
<td>Houston, Texas 77002</td>
</tr>
<tr>
<td>LESLIE BOWLING</td>
<td>Oil and Gas Consultant</td>
<td>316 California Bldg.</td>
<td>JA 2-0432</td>
<td>New Orleans, Louisiana</td>
</tr>
<tr>
<td>WAYNE F. BOWMAN</td>
<td>Independent Geologist</td>
<td>1314 Niels Esperson Bldg.</td>
<td>CA 2-0279</td>
<td>Houston, Texas 77002</td>
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<tr>
<td>ORVAL L. BRACE</td>
<td>Geologist</td>
<td>2206 South Coast Bldg.</td>
<td>CA 8-5404</td>
<td>Houston, Texas 77002</td>
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<tr>
<td>BREWER AND COMPANY</td>
<td>Consultants</td>
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<tr>
<td>Ralph B. Cantrell</td>
<td>Petroleum Geologist and Engineer</td>
<td>4005 Bellaire Boulevard</td>
<td>MO 8-0471</td>
<td></td>
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<tr>
<td>George H. Clark</td>
<td>Petroleum Geologist</td>
<td>404 First City National Bank</td>
<td>CA 3-1187</td>
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</tr>
<tr>
<td>Jack Colle &amp; Associates</td>
<td>Consulting Geologists and Paleontologists</td>
<td>817 C &amp; I Building</td>
<td>CA 7-6266</td>
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</tr>
<tr>
<td>Morgan J. Davis</td>
<td>Petroleum Consultant</td>
<td>Suite 709 Capital National Bank Bldg.</td>
<td>CA 7-7209</td>
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<tr>
<td>Ernest A. Elwood, Jr.</td>
<td>Prudential Drilling Company</td>
<td>1418 Bank of the Southwest Bldg.</td>
<td>CA 4-7741</td>
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<tr>
<td>Paul Farren</td>
<td>Geophysical Consultant</td>
<td>Geodata Building</td>
<td>MO 7-3317</td>
<td></td>
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<tr>
<td>Michel T. Halbouty</td>
<td>Consulting Geologist Petroleum Engineer Independent Producer and Operator</td>
<td>The Michel T. Halbouty Bldg.</td>
<td>NA 2-1130</td>
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<tr>
<td>Thomas O. Hall</td>
<td>Geophysical Consultant</td>
<td>NA 2-8680 Office</td>
<td>NA 1-1870</td>
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<tr>
<td>Hildord Hinson</td>
<td>Consulting Geologist</td>
<td>CA 8-9455</td>
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<tr>
<td>Keplinger and Associates</td>
<td>Petroleum Engineers and Geologists</td>
<td>1436 Americana Bldg.</td>
<td>CA 7-3127</td>
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<td>W. B. McCARTER</td>
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Phone: 477-1477-8 |
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Planimetering and Acreage Calculations  
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CA 3-7343 | **LAWRENCE J. VITTRUP**  
Petroleum Geologist  
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<td>Geological-Geophysical Consultants</td>
<td>Bill Woodham – H. R. Warren, 1200 C &amp; I Building, CA 7-4138</td>
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Alumni Meetings - M. D. Mauck, Union Oil Co. of California
Employment Interviews - John T. Rouse, Mobil Oil Corporation
Reception - Robert S. Moehlman, Newmont Oil Company
Matson Award - Benjamin T. Simmons
Finance - David H. Harrington, Bank of the Southwest
Printing - Robert H. Nanz, Shell Development Company
Technical Services - Marion T. Friday, Texaco, Inc.
Hotels and Housing - Alvin R. Winzeler, Pan American Petroleum Corp.
Publicity - Vance O. Cook, Gulf Oil Corp.
Registration - B. C. Phillips, Phillips Petroleum Company
Field Trips - E. H. Rainwater, Tenneco Oil Company
Educational Exhibits - Joseph R. Finerty, Cities Service Oil Co.
Convention Theater - Robert E. Holder, Sun Oil Company

It is expected that this convention will have an attendance near 4000 AAPG members and wives, and the effort to put it on in fine style will take a great amount of "human power". If you are interested in any particular function of the convention or just conventions in general, your help will be much appreciated. Contact any of the chairmen listed if you would like to join one of the committees.

# # # # # # #

For those interested in the gem, mineral and lapidary fields, the Houston Gem and Mineral Society meets the fourth Tuesday of every month, 7:30 p.m. at the Garden Center in Hermann Park. Inquiries about the society can be directed to Mr. G. D. Ferrell, 1233 Pine Chase Drive, HO 8-5898.
CONTINUING EDUCATION SERIES

Problems of Petroleum Evolution:

... . Continuing Education resumes October 29th....

Dr. Donald R. Baker of Rice University will explore these problems later this month as part of the HGS-AAPG Continuing Education Program.

Dates are October 29 and 31, and November 5 and 7, successive Tuesdays and Thursdays. Hours are 3:00 to 6:30 pm, with a break for hot rolls and beverage at 4:30 or so. Note that the time has been advanced 30 minutes over last year. However, the place will remain the same -- the auditorium in the basement of the Humble Building. Please try to be there 15 or 20 minutes early the first day so that registration can be accomplished before the time the lecture is scheduled to begin.

You can pre-register by sending your check for $10.00 to the HGS office in the prepaid envelope enclosed with this Bulletin; or you may register at the door. The last day to pre-register will be Friday - October 25th.

Before coming to Rice University in 1966 as an Associate Professor, Dr. Baker was a Senior Research Geologist at Marathon Oil Company in Denver Research Center, where for a decade he had been engaged in exploration research, primarily in the area of organic geochemistry. He graduated from the California Institute of Technology (1950), followed by a year as a Fulbright Scholar at the University of Oslo (Norway) and finally received the Ph.D. from Princeton University. Dr. Baker has had a remarkable range of geologic experience, including areal mapping of Precambrian rocks, studies in igneous and metamorphic petrology, hydrothermal ore deposits, iron oxide mineral stability, stratigraphy and sedimentation of Pennsylvanian and Cretaceous rocks of the Midcontinent and Western Interior, and geochemistry of stable carbon isotopes, as well as extensive investigations of the organic geochemistry of petroleum and sedimentary rocks, and the evolution of petroleum.

Dr. Baker's description of his lectures follows.
PROBLEMS OF PETROLEUM EVOLUTION

Continuing Education Program for this Month - Lectures by

Donald R. Baker
Dept. of Geology
Rice University

Relatively early during the history of petroleum geology, geologists developed the three-fold concept of petroleum evolution, that is the origin of hydrocarbons from organic remains, the migration of some of these hydrocarbons from the source sediment during compaction, and the accumulation of the hydrocarbons in porous reservoirs. This general concept of petroleum evolution remains as our best working hypothesis. But except for some general geologic substantiation of these concepts, geologists have made only limited progress in the further clarification and comprehension of petroleum evolution. The reason for this is because many of the problems of petroleum evolution require the understanding and talents of chemists, biologists, physicists and other non-geological scientists in order to fruitfully attack them. During the past 10 to 15 years other scientists, especially geochemistry have increasingly directed their efforts at these problems. Many of the results of their work is proving to have a direct bearing and important implications to our understanding of petroleum evolution.

A major objective of this lecture series will be to review, discuss, and evaluate recent and current work which have a significant bearing on our geological notions of petroleum evolution. Topics such as the nature of organic matter (especially hydrocarbons) in Recent and ancient sediments, the distribution of carbon isotopes in petroleum and other organic matter, the influence of diagenesis and metamorphism on sedimentary organic matter, petroleum geochemistry, and the recognition of special organic substances in sedimentary materials will be discussed. Continual emphasis will be given to the significance that these results have to such problems as the source-rock concept, marine or non-marine petroleum, the nature and efficiency of migration, and the time and mechanism of hydrocarbon genesis.

These subjects will be handled from a geologist's viewpoint. Although it is evident that modern geochemical studies are helpful, clearly in order to provide a meaningful contribution to our understanding of the evolution of petroleum, these results must be viewed, assessed, and interpreted in the light of the geological considerations and controls which provide the framework of petroleum genesis. When coupled with a well documented and sound geologic basis, many of the techniques, procedures and results of geochemical research have a significant bearing and application to petroleum exploration. Some of these aspects, such as crude oil correlation, source-rock evaluation, the establishment of source-reservoir pairs, and distance of migration will be scrutinized.

October 12, 1968: Houston Geological Society Field Trip, Meeting Point: Junction of Texas Highway 71 (and 21) with Farm-Market 304, 1.9 miles west of the Colorado River at the west edge of Bastrop, Bastrop County Texas; Time 8:15 a.m., Subject: "Environments of Deposition, Wilcox Group, Texas Gulf Coast."

October 14, 1968: Houston Geological Society Monthly Meeting, 5:00 p.m., 10th Floor, Houston Club Bldg. Subject: "A.A.P.G. -Present and Future," Speaker: Frank B. Conselman, President of A.A.P.G.

October 22, 1968: Houston Gem & Mineral Society, 7:30 p.m., Garden Center, Hermann Park.

October 23, 1968: Houston Geological Society Special Noon Meeting, 12:00 noon, Rice Hotel, Subject: "Sedimentary Rock Deformation Related to Structure in the Basement."


November 7, 8, & 9, 1968: American Geological Institute Short Course NASA Manned Spacecraft Center, Houston, Texas; Subject: "Remote Sensing for Geology and Hydrology" and "Application of Resonance Spectroscopy in Mineralogy."


Thru December 1, 1968: Burke Baker Planetarium. Subject: "Life on Other Worlds." Call Museum of Natural Science, JA 6-4273, for times.
ON THE DISTAFF SIDE

The Geo-Wives-Newcomers Club is planning a Bridge Luncheon, October 16th at the Stage Coach Inn. May Del Flag of the Houston Post will speak on "A Woman's Role in Her Community." Hostess will be Mrs. Robert H. Mayse. On October 25th "Their Night Couples Party" (Supper and Games) will be held in the home of Mrs. David Henning, 9752 Westview.

All Newcomers are eligible to join The Geo-Wives. Hurry!! They have many interesting plans for the year.

Val and Royce Oualline went to Lakeway on Lake Travis for their bridge club. While there they saw Jackie and Donald Kahn and Betsy and Gordon Hinz. Betty and Curtis Franks opened the white wing hunting season at Pharr, Texas.

Elizabeth and Wayne Jones went to Chicago for the Northwestern Regional meeting.

Evelyn Steig is making her home at the Heritage Apartments.

Nan and Larry Vitterup, Buddy and Sarah Bartow spent several very pleasant days in Guadalajara and Puerto Vallarta. They missed Faye and Ray Lewis by just a few hours, who were enjoying the same trip.

Lillie and Bob Moehlman flew to Bergen, Norway, where they boarded the "Stella Polaris" cruise ship for a delightful ten day trip through the Norwegian fjords to the North Cape. After leaving the cruise they visited Oslo, Norway; Stockholm, Sweden and Copenhagen, Denmark, and then on to Dublin, Ireland and finally visited the gorgeous Dromoland Castle before returning home.

Linda and Malcom Genet, the Moehlman's daughter and son-in-law and their children have moved to Austin, Texas where he is connected with the University of Texas.

Betty and Don Gahagan flew from New York to Lisbon, Portugal and then to Spain where they visited Madrid, Gibraltar, Tangier, Morocco and Fez. They then circled back to Seville, Lisbon and Home.

Virginia and Tom Barber will go to California fossil hunting. I understand there are Trio-bites in the desert. Good Luck!

Robbie and Bill Payne and family spent some time at Hemisfair, Carlsbad and Senora Caverns. Robbie enjoyed Senora Caverns very much.

The Robert Briggs, Elliott Powers, Robert Southers, Owen Wood, J. F. Freel, Roger Stoneburner and Wayne Jones were among the Houstonians who went to Austin to the Texas vs. University of Houston game. What a nice get together!

The ladies luncheon and style show, October 9th, at 11:30 A.M. at Brae Burn Country Club, will have "Fashions from Wexner's." Mrs. David Sheridon, hostess and Mrs. David Haach, co-hostess. They chose the following lovely models: Mesdames George Gordon, James Harrison, John Flannery, Ross Dawson, Raymond Snyder, James Snyder, Royce Oualline, Aubrey Rabensburg, Tom Purcell, Glen Neighbors and Gene Van Dyke.

Deadline for reservations October 4th, 10011 Overbrook Lane, Houston Texas.

-- Dorothy Roberts
CHARTER PLANE
for
BRIGHTON ENGLAND

The Houston Geological Society has chartered a Boeing 707 Jet (164 seats) for the joint AAPG - British Institute of Petroleum meeting to be held in Brighton, England, June 29 through July 2, 1969.

The plane will leave Houston the afternoon of Friday, June 13th (please note the change in date) and return from London, Sunday July 6th arriving Houston at approximately 4:00 P.M. the same day.

The cost is estimated at between $320.00 to $355.00 per seat depending on whether the aircraft is sold out.

Under charter regulations members of the Houston Geological Society and their immediate household are eligible for this flight.

It is imperative that we know as early as possible how many members plan to make the trip. We are, therefore, requiring a deposit of $50.00 per seat to be paid by October 15, 1968. The first 164 seats sold will be assured of a place on the plane; tardy comers will be placed on a waiting list. The postmark will determine priority and seat allocations.

The initial deposit is not refundable if the applicant cancels, unless the seat(s) is/are resold to a member on the waiting list, or we are notified of cancellation prior to March 1, 1969. If a member is on the waiting list and does not secure a seat, $35.00 will be refunded.

Fifteen dollars of the initial deposit is not refundable at all since this money will be used to defray overhead expenses connected with the trip and for get-together parties prior to leaving.

Because of the requirements of the airline the following dates for payment of transportation are due:

- October 15, 1968 Application and $50.00 per seat deposit.
- January 10, 1969 $75.00 per seat
- February 10, 1969 $75.00 per seat
- March 10, 1969 Balance of fare (to be determined)

CHECKS ARE TO BE MADE TO HGS CHARTER FLIGHT.

A representative of the travel agency selected will be present at all meetings to help members plan tours of Great Britain and Continental Europe. The selection of this agency is not binding. The membership is free to select whomever else they wish.

A meeting will be held at the Geo Club, 3130 Southwest Freeway at 7:30 PM on Wednesday October 16th at which time representatives of the agency and airline will be present to answer questions and suggest tours.

Kindly fill out the form on the reverse side and mail with your check for deposit addressed as follows:

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C/O CARDINAL PRINTING CO.
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NAME________________________ Relationship_____________________

NAME________________________ Relationship_____________________

NAME________________________ Relationship_____________________


NOT TO BE FILLED OUT

Received   Check No.    PRIORITY NO.

Deposit

January 10

February 10

March 10

ALL PAYMENTS WILL BE REFUNDED IF CANCELLATIONS ARE RECEIVED BEFORE MARCH 1st, 1969, EXCEPT THE $15.00 OVERHEAD CHARGE.
AGI GRANTS:

The American Geological Institute has received two grants recently. One for $418,900 from the National Science Foundation will go to the continuation of the work of the Council on Education in the Geological Sciences through June, 1970. The Council, whose chairman is William R. Muehlberger of the University of Texas, is composed of scientists from colleges, universities, government, and industry. Its primary mission is to improve undergraduate geological education.

The other grant is for $190,000 and is also from the National Science Foundation. The AGI is beginning a 2-year study of information services in the earth sciences. The Institute will study the ways that geologists and geophysicists store information; how they retrieve it; how they exchange it; formal meetings, reports and journals; libraries, bibliographies and data banks; informal and unconventional communications. After the preliminary study, the Institute will develop a concept for a national information system, with a definition of a general program policy and long-range goals.

REPORT FROM "FOR YOUR INFORMATION" _AAPG

Tulsa, Okla. - Petroleum geologists can often spend as much money as they need in order to find oil, a survey of members of the American Association of Petroleum Geologists indicates.

The survey, taken as part of an AAPG advertising study, showed that 68 per cent of the AAPG membership have purchasing authority -- most of it limited only by need.

The petroleum geologists generally have the go-ahead from their companies to buy everything from camping gear to sophisticated geophysical equipment, the survey showed.

There are 15,000 AAPG members in all fifty states and eighty countries, and 38 percent of these are indicated to be either in oil company management positions, or are independent consultants. Another 32 percent work in oil company exploration departments, and 10 percent are involved in oil-gas exploitation and production. Researchers number 9 per cent of the membership and another 9 per cent are teachers. The other 2 per cent are not in the petroleum industry.

Management, the survey showed, has the broadest authority to purchase, followed in order by consultants, exploitation and production men, researchers, exploration personnel, and teachers.

ATOMIC EXPERIMENT:

Kennecott Copper Company, the Atomic Energy Commission, and U.S. Bureau of Mines are jointly making a feasibility study of a daring mining process. The experiment is known as "Project Sloop". The idea is to drill 1,200 feet into a huge bed of very lean copper ore north of Stafford, Arizona. An atomic blast at the bottom would leave 1.3 million tons of shattered rock. Acid would be pumped down the shaft to leach out the copper and then pumped back to the surface.
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P. O. Box 36269
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