

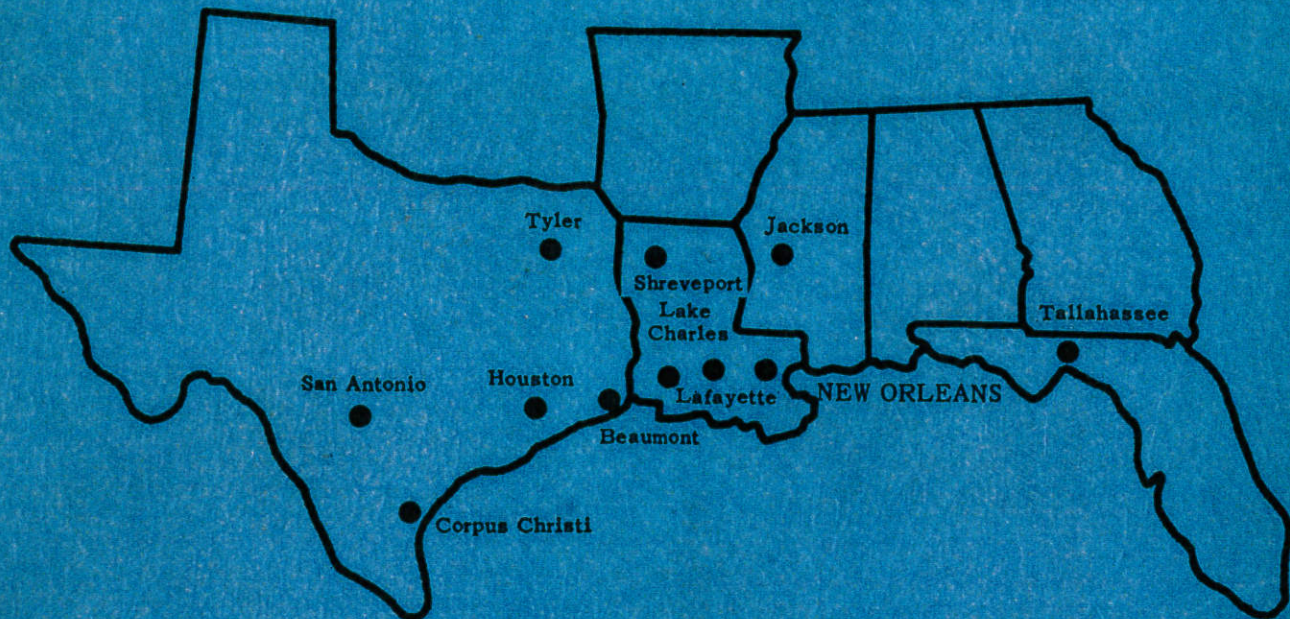


Neil M. Sullivan

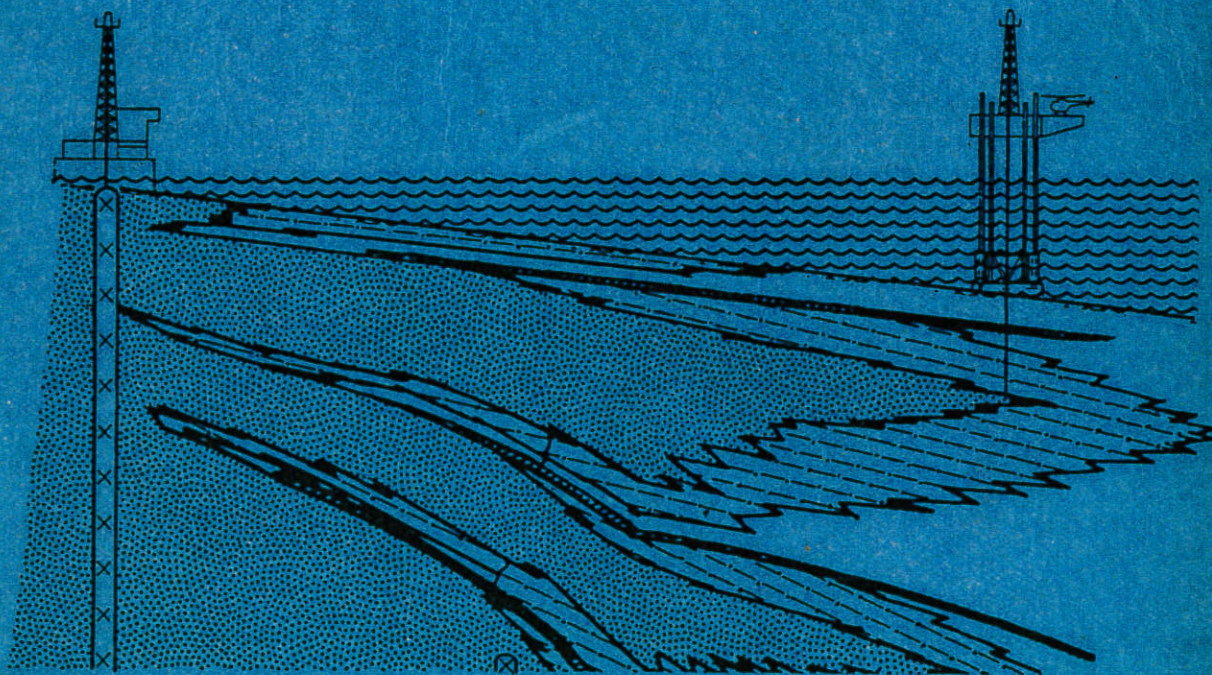
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Whitney Building
New Orleans, La. 70130

TRANSACTIONS

The Twelfth Annual Meeting



GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES



NEW ORLEANS, LOUISIANA

October 31, November 1, 2, 1962

Neil M. Sullivan

TRANSACTIONS

Gulf Coast Association Of Geological Societies

VOLUME XII, 1962

Jules Braunstein, Editor

prepared for the

TWELFTH ANNUAL CONVENTION OF G.C.A.G.S.

and the

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AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

held in co-operation with

The Gulf Coast Section of the
Society of Economic Paleontologists and Mineralogists

OCTOBER 31 – NOVEMBER 1 and 2, 1962

at

THE ROOSEVELT HOTEL, NEW ORLEANS, LOUISIANA



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BEST PAPER AWARDS, 11TH ANNUAL MEETING

Awards for the best papers presented at the G.C.A.G.S. Eleventh Annual meeting in San Antonio October 25-27, 1961 were given as follows: first Rayburn D. Ocamb for his paper on "Growth Faults of South Louisiana", second, Donald I. Andrews and Jack C. Stipe for "Indigenous Pleistocene Production in Offshore Louisiana", and third, R. P. Fietz, K. R. Scott and W. E. Hayes, for "Geology of the Eagle Mills Formation".



RAYBURN D. OCAMB is a graduate of the University of Kansas. He was employed by Tidewater Oil four years, Winray Petroleum three years, and is currently president of the Marshland Petroleum Corporation, Lafayette, Louisiana.

ROBERT P. FIETZ is a geologist with Humble Oil and Refining Company at Hattiesburg, who received his Bachelor of Science degree, Geological Engineering, from Oklahoma University. He has been associated with Carter and Humble since 1947.

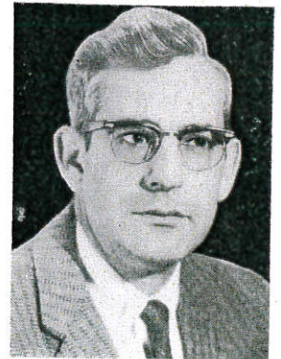


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DONALD I. ANDREWS consulting geologist with Rodgers, Seglund and Shaw Associates, New Orleans, Louisiana, was graduated from the Colorado School of Mines in 1950. For nine years he was employed by Continental Oil Company. Mr. Andrews won the second place award at the 1960 Gulf Coast Association of Geological Societies convention for his paper on the "Louann Salt".

KEMPER R. SCOTT, head of the stratigraphic section of Humble Oil and Refining Company at their Jackson, Mississippi area office, received his B.S. degree in geology from the University of Arkansas in 1948.



* * * * *



JACK C. STIPE was graduated from the University of Oklahoma and is currently employed by Kerr-McGee Oil Industries, Inc. in New Orleans.

W. E. HAYES, an independent consulting geologist and micropaleontologist in Shreveport, Louisiana, earned his B.S. and M.S. degrees at Mississippi State, and had ten years of service with Carter and Humble.



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LADIES ACTIVITIES

Mrs. H. C. Petersen

REPORT OF THE PRESIDENT, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES 1962

This year's convention in New Orleans is The Twelfth Annual Meeting of the Gulf Coast Association of Geological Societies. The convention theme "Basinward Frontiers and Limits for Exploration" provides some very important contributions to Gulf Coast geology. The theme is concerned with downdip beds which are untested or only partially tested and with new sedimentary wedges as yet unknown or only imperfectly known. We seek to infer what lies beyond what is presently defined. It is in the nature of our theme that the views and conclusions will be tentative, qualified, and, very possibly, controversial. The basinward horizons are of tremendous importance to the domestic oil and gas industry. If our papers serve to stir up interest, discussion, and even controversy, we will have made a significant professional contribution. The symposium papers were specifically prepared for this meeting. We are particularly pleased with the papers of the Lafayette, Houston, New Orleans and Shreveport Geological Societies' Study Groups.

It is impractical to prepare financial statements between conventions. However, we have permanent type investments as follows:

Dryades Saving & Loan Association, New Orleans	\$ 7,500
American General Savings & Loan, New Orleans	7,500
U. S. Savings Bonds	6,000
TOTAL	\$21,000

The report of the general chairman summarizes some of the problems facing the G.C.A.G.S. One of the most important is utilizing to best advantage the above funds. Lee H. Meltzer has been appointed chairman of a permanent committee to investigate and recommend the use of part of these funds for the benefit of the geological profession.

Our convention committee has worked long and hard to make this a successful meeting. Every effort has been exerted to make this a successful convention. Special plaudits are due to our committee chairmen and their committees.

The contributions of the Ladies' Auxiliary Convention Committee is recognized and appreciated.

THOMAS H. PHILPOTT

GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES

Report of the Annual Meeting Chairman

The annual meeting chairman is charged with the responsibility for staging the Convention and its related activities. Each succeeding year since the inception of the G.C.A.G.S., a different chairman has directed the numerous functions of the Convention, with the help of a good many dedicated individuals. After each convention, he and his committees have customarily prepared a report summarizing their activities. These annual reports are passed on to succeeding new convention groups for their guidance. They give continuity to the conventions and the Transactions volumes, and direction to the efforts of newly appointed and relatively inexperienced committeemen. Thus, each year, a limited group in each host society learns from its predecessors, acquires its own experience, and tries to pass on what it has learned to a new committee.

There has, however, been relatively little contact between the committees each year and the general membership of the G.C.A.G.S. For this reason we thought it well this year to summarize briefly some of the things which we have learned and which, we believe, are generally similar to those learned by our predecessors.

From year to year the satisfactions and problems are pretty much the same for each Host Society. As an example of the former, your chairman this year found a large reservoir of willing, able, and dedicated workers among the New Orleans Society members and their wives. Reports of the former G.C.A.G.S. chairmen show that every chairman has discovered the same in his local society.

The eleven G.C.A.G.S. Transactions volumes have become the indispensable geological literature of the Gulf Coast. They incorporate a substantial part of what has been published about the area. Yet each convention committee feels that it might have done a better job with the program. It suspects that there are a good many excellent papers which it has not been able to acquire because time was too short, or because it failed to discover the papers, or because interest was lacking on the part of the authors or their managements.

Each year the host committee is faced with the problem of raising sufficient capital to finance its meetings. That the local committees have generally solved the problem is attested to by the favorable financial position of the G.C.A.G.S. Most of this money each year is raised locally, which probably is as it should be, but a share of the burden is not always born by the non-host societies.

Inevitably a good many projects are suggested every year which are passed up without adequate consideration in the urgency of preparing for the immediate convention. Papers and symposia are suggested whose preparation would take more time than is available locally, but which might be practical if the effort each year were extended throughout the G.C.A.G.S. area. Related projects might be considered such as the publication of special geological studies beyond the scope of that which is usually incorporated in the Transactions. Perhaps also, we should publish papers more often than once a year, possibly quarterly. It has been suggested that some of the funds of the G.C.A.G.S. be used for the benefit of the profession as scholarships, or in support of research or as grants to defray the cost of preparing papers. Some have suggested that the G.C.A.G.S. should interest itself in the problems of raising the status of the geologist in the eyes of the industry and the public.

It is our belief that more of enduring value can be accomplished by the G.C.A.G.S. than is now being done in the convention program and in related activities. What appears to be needed is that interest in the G.C.A.G.S. continue throughout the year in all the societies, not only in the host society. If we could sustain in the local societies each year a small part of the interest and dedication felt by the host society we could improve our programs and the Transactions, and support a program of related activities to the benefit of the profession and the oil and gas industry.

These are some of the things which have occurred to us this year and which we have discussed within our local committee and at a meeting of the G.C.A.G.S. Executive Committee. By calling them to your attention and to the attention of those who will supervise and stage the future conventions, we hope to stir up interest anew in the G.C.A.G.S., what it accomplishes and what it could do.

LEE H. MELTZER

REPORT OF THE EDITOR 1962

An editor can write his report with the reasonable assurance that no one will rewrite it, and few will read it. It is said that a man has no secrets from his tailor. In another sense, he stands revealed to his editor also. The latter serves to cause the wrinkles to be smoothed out, the humps and hollows concealed, and the best figure possible presented to the world.

It must be comforting to have such a technician on whom to rely, but professional pride would seem to dictate that greater care be taken by the author himself to produce copy that calls for little or no alteration. The flavor of a volume such as the Transactions depends on the variety of styles of writing — to have it convey the style of the editor alone would make it less stimulating.

An editor can scarcely anticipate the reception his efforts will meet. One author may take a long, shuddering look and cry, "What have they done to my baby?" Another may be grateful that someone has extended a hand to his offspring and led it safely from a dangerous mire. Still others may simply be indifferent, because the papers are still theirs, signed with their names, and the editor's ministrations, from their points of view, have neither improved nor impaired the originals.

As envisioned by the Association's founders, the G.C.A.G.S. Transactions have become *the* literature of the Gulf Coast. As such, they will remain in use and in demand for years. The better they are written, the more useful they will remain. What is wanted is not a five foot shelf of literary gems, but a working collection of geological tools.

Publication in these Transactions affords an author a measurable amount of professional prestige, yet some papers submitted for publication in this volume (and included herein) came in such poorly organized form that they were almost omitted. If such material were to be printed as received, the resulting volume would be a travesty on the profession. I do not consider entirely immodest the suggestion that authors make careful comparisons between their original manuscript and the printed version thereof. It may come as a salutary shock to read objectively what was written, much as it is a shock to hear for the first time a recording of one's voice.

I am pleased to be able to acknowledge here the help afforded me in this enterprise by my assistant editor, G. D. O'Brien, and the members of the editorial committee, Julian Low and Harry Anisgard. H. C. Skinner, editor for the Gulf Coast section of the S.E.P.M., and Tom Fails, editor for the New Orleans Geological Society, deserve mention for their conscientious discharge of their duties. Mrs. Mildred W. Mallette, again as in 1957, completed many tedious typing assignments with unfailing good humor.

JULES BRAUNSTEIN

REPORT OF THE PRESIDENT, GULF COAST SECTION, S.E.P.M.

1962

The activities of the Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists for 1962 have been restricted to the completion of projects initiated prior to and during the presidency of C. M. Quigley, Jr. (1961), and in the fulfillment of the objectives of the organization as outlined nine years ago at the time of inception of the Section. Changes in the constitution, recommended by the Executive Council in 1961, were unanimously approved by the members; Unit II of the Type Locality Project was finally released in May; final plans for the annual Field Trip (to Little Stave Creek, Alabama, at the close of the G.C.A.G.S. meeting) were consummated in June; and eleven papers relative to paleontology and mineralogy, representing a full days session at the G.C.A.G.S. annual meeting in 1962, were committed. All of this has been accomplished through great personal sacrifice. Appreciation for services rendered are herewith extended to the following members and non-members of the Section:

Constitution Revision — David E. Pope (Chairman)

Field Trip — Charles W. Stuckey, Jr. (Chairman),

M. Ray Bane, Gene Crockett, Jim Dorman, John Dunlap, Douglas Jones, Ed. Marks, Gene Martin, Richard Peryam, David Pope, E. H. Rainwater, and Lyman Toulmin.

Type Locality Project — Geology Department and Graduate School, Louisiana State University.

G.C.S. — S.E.P.M. Technical Session (G.C.A.G.S. meeting) — Hubert Skinner (Editor), William K. Benda, Ann Butler, Donald E. Cebulski, Jules R. Dubar, Gerald C. Glaser, Eugene L. Jones, Blair S. Parrott, David E. Pope, Harbans S. Puri, Gary L. Spraul, William F. Tanner, Donald S. Taylor, and Robert P. Waldron.

The business representatives appointed have been most active in assuming the responsibilities of their assignments, particularly relative to recruiting new members, which is an assignment normally relegated to a special committee. Relative to the latter, a total of 161 Members and 111 Associates were reported by Treasurer A. D. Warren on August 20, 1962.

It has been a great personal pleasure to have served as President for the year 1962 and to have been affiliated with the other officers elected for that period of time.

Harold V. Andersen

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