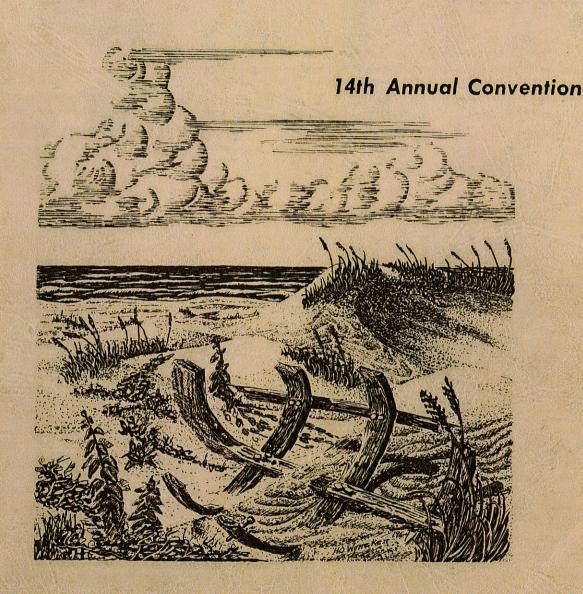
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TRANSACTIONS

of the

Gulf Coast Association of Geological Societies



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TRANSACTIONS

Gulf Coast Association Of Geological Societies

VOLUME XIV, 1964

Mary Louise Rhodes, Editor

prepared for the

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

and the

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held in co-operation with

The Gulf Coast Section of the

Society of Economic Paleontologists and Mineralogists

OCTOBER 28-30, 1964
CORPUS CHRISTI, TEXAS

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GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES REPORT OF THE PRESIDENT

1964

The Fourteenth Annual Convention of the GCAGS is convening in Corpus Christi, Texas and is expected to equal or surpass the excellence of previous technical meetings of the Geological Profession of the Gulf Coast Region. The carefully chosen theme for this convention is, "TRENDS OLD AND NEW", which I believe is very timely in view of the increased interest in the ultra deep prospecting for Miocene, Frio, Wilcox, and Smackover as well as rejuvenation of well established trends where shallow, subtle structures and stratigraphic traps of economic significance are being found.

The GCAGS remains in excellent financial condition with our total assets being \$30,015.00 as of March 31, 1964. A study is being made and recommendations will be forthcoming as to the best means to support projects, grants, and/or scholarships to further our Geological Profession. We are now assisting-some individual geologists and study groups in the preparation of slides and drafting for papers to be presented at our annual meetings.

Personal recognition and thanks for a job well done should go to all of our members who have served this year to make the Fourteenth Annual Meeting the best yet. It has been pleasurable for me to be associated with such able and dedicated people.

EARL B. KNOTT

REPORT OF THE GENERAL CHAIRMAN

FOURTEENTH ANNUAL MEETING

Each year the responsibility of organizing the annual meeting of this society is given to the General Chairman. In the early days of planning, the job in its entirety seemed insurmountable. Every year staging of the annual convention is hectic and demanding of those committee chairmen and workers assisting in planning programs and activities. This General Chairman has been most fortunate in having available a hard core of excellent workers without whose help very little could have been accomplished; consequently, the success of this convention is directly related to their fine efforts.

The theme "Trends — Old and New" was selected for the purpose of developing a more comprehensive knowledge of Gulf Coast geology. This purpose has been accomplished as witnessed by the accompanying volume. The G.C.A.G.S. Transactions has long been a valuable aid to working geologists everywhere, presenting ideas and scientific data applicable not only to our local problems, but helpful in areas the world over.

The financial position of this meeting is good. At this date we cannot predict a net gain or loss. Ample advertising and exhibit space have been sold leaving only attendance to insure a financial balance.

The cooperation extended to the convention committee by member societies was excellent. The G.C.A.G.S. can be proud of its officials, members, and publications. The horizons of progress in the field of geology through this organization are unlimited. Due to groups such as the G.C.A.G.S., our profession will continue to grow through the interest it stimulates and the image it projects.

It has been an honor and a pleasure to serve the G.C.A.G.S. as your Convention Chairman.

BYRON F. DYER

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REPORT OF THE PROGRAM CHAIRMAN

In keeping with the theme of this year's convention, "Trends Old and New", a three-fold technical program has been attempted. The "Old" portion of the program consists of retrospective papers examining what we have learned from past exploration and projecting the findings to the future. The "New" portion consists of two parts: future exploration and productive trends, and trends in new exploration tools and techniques. It is hoped that everyone will find something of value in the program or future reference in the Transactions.

A number of people contributed to the assembly of this program. Without their help the job would have been much more difficult if not impossible. Among those assisting were:

Walter F. Coleman, The California Company, New Orleans

Henry H. Krusekopf, Jr., Consultant, Tyler

H. J. McCunn, Mobil Oil Company, Jackson

George C. Shute, Colston Corp., Shreveport

E. G. Wermund, Socony Mobil Oil Company, Inc., Dallas

To these people and many more is due the credit for the program. In addition, Miss Elizabeth Marek with Mobil Oil Company in Corpus Christi well deserves the credit for many hours spent in typing and mailing the program correspondence.

To everyone, my most sincere thanks.

DOUGLAS E. MASTEN

REPORT OF THE EDITOR

The Transactions has become a recognized handbook concerning the geology of the coastal areas. Therefore, let us all be especially careful in the preparation of material to be published in future volumes to maintain and enhance this standing.

The editor expresses her appreciation to all the authors who prepared well written and illustrated articles that needed little, if any, editing. Your co-operation in preparation of illustrations that could be reproduced on regular pages is especially acknowledged. It is almost certain that errors have been made and I hope that I will be excused for them.

The editor of the Gulf Coast Section of the SEPM, Gene Kellough of Houston assisted in editing many of the papers that deal with paleontology and I wish to thank her for her assistance.

Particular acknowledgement is made to the Standard Oil Company of Texas and my supervisors who permitted me to take this assignment and who permitted others in the organization to assist. Special thanks are extended to Judy Anderson who typed many pages of manuscripts before they were sent to the printer, to other clerks who proof read numerous papers, and to drafting personnel who adapted some of the figures and made minor corrections on others.

Finally, the GCAGS is especially appreciative of the publication and printing of the colored foldout map by the Shell Oil Company so that it could be included with the paper by Lozo and Smith. Future contributions of colored maps of illustrations for inclusion in the volume will I am sure be welcomed by new editors when there is no cost to the society.

MARY LOUISE RHODES

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

1964

The Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists is beginning its second decade of activity and service to geologists concerned with Gulf Coast paleontology, mineralogy and stratigraphy. During this time the Section has endeavored to provide information of value to geologists by sponsoring presentation of technical papers at meetings, and making these studies available to other geologists in the Transactions, sponsoring field trips and publishing guide books, and sponsoring a monographic work on Gulf Coast type localities that will include descriptions, diagrams of geologic sections, and maps. The project is well underway with the completion during the year of Unit III containing descriptions of fifteen type and reference localities. This makes a total of fifty-four localities described in the three units published to date.

During the decade the Section shared a close and mutually beneficial relationship with the G.C.A.G.S. in holding its technical sessions in conjunction with the G.C.A.G.S. annual convention and publishing papers presented at the Annual Meeting in the Transactions.

The membership of the Section on May 15 consisted of 120 members, 125 Associate Members, and 6 Honorary Members, a total of 251. This is 13 more than last year's membership. The first Honorary Members of the Gulf Coast Section S.E.P.M. were elected by the 1963 Executive Council. They are Mrs. Esther R. Applin, Miss Alva C. Ellisor, Dr. Henry V. Howe, Miss Hedwig T. Kniker, Miss Winnie McGlamery, and Dr. John R. Sandidge. The Section is proud to recognize them for their contributions to Gulf Coast paleontology and stratigraphy.

In the past the members of the Section have participated actively in programs, publications, and administration of national societies and local societies. Many members of the Section will again have an opportunity to be of service in arranging a successful A.A.P.G.-S.E.P.M. annual convention in New Orleans in 1965.

My sincere appreciation and thanks are extended to the Council, the Editor, Program Chairman, Business Representatives, and other members who have contributed their time, energy, and interest in assuring a successful year for our Section.

LYMAN D. TOULMIN

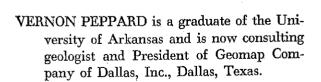
BEST PAPER AWARDS, 13TH ANNUAL MEETING

Awards for the best papers presented at the G.C.A.G.S. Thirteenth Annual meeting in Shreveport were as follows: First — "Environmental Control of Oil and Gas Occurrence in Terrigenous Clastic Rocks" by E. H. Rainwater; Second — "Smackover Prospects in East Texas" by Vernon Peppard; and Third — "The Birth and Death of an Offshore Bar" by Sankey L. Blanton, Jr.

Papers presented by the Study Groups from the Lafayette and New Orleans Geological Societies deserve special mention, since there are no awards for such projects.



E. H. RAINWATER is a graduate of Mississippi State College and received an M.S. degree in Geology from Northwestern University and did further study at Indiana University. He is now consultant for Tenneco Oil Company, Houston, Texas.





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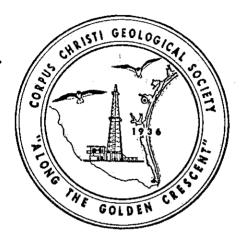
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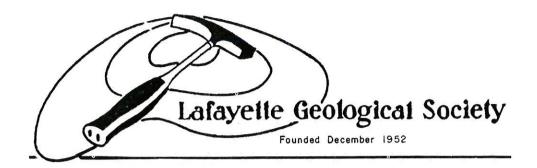
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6.	West Central Alabama—May, 1959. Fifteenth Field Trip Guidebook—Cenozoic of Southeastern Mississippi and Southwestern Alabama—May, 1960. Wilcox Oil Fields, Southern Mississippi & Adjacent Areas — 61 Illustrations —	¥	3.00
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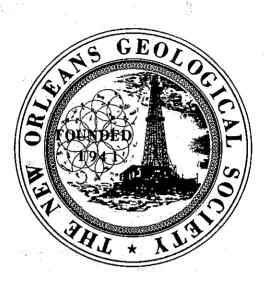
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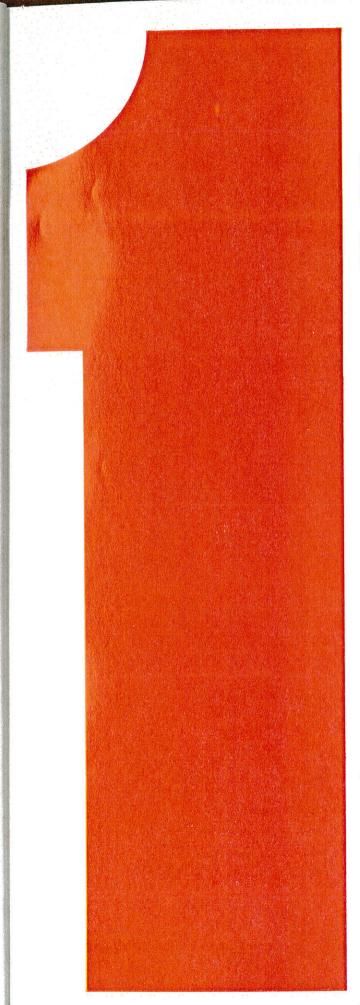
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