

PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

January 1947

Number 1.

GREETINGS!

This is the first issue of an information sheet which the officers wish to send to all members of the Pacific Section periodically, in the hope that it will serve as a medium of establishing a closer contact between members of the Section. The obstacles imposed by geography and the demands of their profession have prevented many of our members from enjoying a full participation in the activities of the association. Probably less than half have been so situated as to attend, with any degree of regularity, the monthly luncheons, meetings featuring distinguished lecturers, meetings of the Geological Forum, study group meetings, field trips, picnics, and other activities.

In the past, it has been difficult to do much about this problem, but our membership is constantly growing, and the present officers believe the time has come when we can undertake this additional service to our members. In doing so, we may also attract others into the organization who have wondered, "What would I get for my two dollars?"

This is frankly an experiment. The only way we can find out whether or not you like it is to have your expressions of approval or disapproval. We will also welcome your suggestions for improving this publication. Please do not hesitate to express yourselves freely, and we will be guided by the reactions we get.

The present issue does not necessarily indicate what you may expect in the future. Like any other enterprise, to be worth-while, it should continue to grow and improve. Contributions of information that can be published are eagerly desired. The more of these, the more representative of the association this sheet will be. Use it to air your views on association matters. The officers, on the other hand, will use it to ask your opinions.

If our present intentions are carried out, this bulletin will contain information of enough value to make it worth filing; hence do not throw this one away.

Martin Van Couvering
Pres., Pacific Section, A.A.P.G.

INTRODUCTION

PACIFIC PETROLEUM GEOLOGIST comes to you as an innovation in the life of the Pacific Section of A.A.P.G. Elsewhere on this page President Martin Van Couvering has written a Foreword, setting forth the fundamental thoughts leading up to this undertaking and expressing a hope for the service that it may render to the members of our organization. The Editorial Staff grasps this, its first opportunity to acknowledge our genial President as the sole "parent of record" of this infant undertaking. True, the Staff assisted in the final stages, as a good Staff should, and no little praise belongs to them, but this does not detract from the fact that the President conceived the notion of this news letter and then gave freely of his energy and time from gainful pursuits to alone nurture this issue to very near its present stature. Only time and your reaction will tell the extent to which the value of membership in our organization has been enhanced by this first step.

The basic purpose in Pacific Petroleum Geologist is to inform, to keep in-touch those who would otherwise be out-of-touch, to make membership in our Section and Association so attractive professionally and socially that no reasonable doubt can be entertained as to the advantages of new or continued membership. The members of the Editorial Staff believe the job to be big and the purpose worthy and have volunteered their time and abilities toward the success of the venture. It is fitting, therefore, that the first issue should contain introductions to the Staff and to the department to be handled by each.

The Calendar is in the able hands of Richard S. Ballartyne, Jr. It is hoped that each issue will contain a complete calendar of all meetings and other events scheduled by any of the technical societies in which our members may be interested. These will include A.A.P.G., A.I.M.E., A.P.I., S.E.G., S.E.P.M., G.S.A., San Joaquin Geological Society, etc.

Activities of the Pacific Section and particularly the progress of committee work will be reported regularly by John E. Kilkenny. Prior to the National Convention in March space will be found for similar reports of National activities, for lists of National Officers, Committees and Committee Members. A future issue may contain a roster of Pacific Section members arranged by company affiliation.

Prominent space in each issue is reserved for Personal Items, edited by Peter H. Gardett. In no sense a "Society Editor", Pete wants personal news of promotions, transfers, resignations, professional contributions, births, marriages, deaths and other happenings of a personal nature. The help of each member is solicited in keeping this department supplied. To the member who is out-of-touch: Your friends will be happy to hear from you, too, so write! Pete also is designated to receive and dispose of comments from the members. Since this publication is just learning to crawl, a great deal of development is anticipated, and all ideas for improvement will be welcome.

Each issue will contain a Selected Bibliography of Recent Publications prepared under the direction of Robert T. White. This will include books, professional papers and bulletins, technical and non-technical articles in the trade magazines, maps and other items of interest to our membership.

To facilitate the gathering of news and the handling of other matters in the San Joaquin Valley area Herman W. Weddle has been chosen District Representative. He will be glad to hear from you, even if you come laden with complaints.

Last, but not least, a publication must be assembled, printed, addressed and mailed and this very considerable job has been undertaken by Hugh W. McClellan. After photographic reduction the printing will be by the Rototype process, which also permits reproduction of line sketches, maps, and even hand-written copy, should the occasion arise. It is expected that news items and special subjects may from time to time be so illustrated. Adequate left-hand margin is provided for binding or filing, since the Pacific Petroleum Geologist will prove to be valuable as a reference file.

Each time you contribute, whether news items, criticism or special article, remember the deadline is the tenth of each month.

--Loyde H. Metzner

EXECUTIVE COMMITTEE, PACIFIC SECTION
American Association of Petroleum Geologists

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PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1116, 811 W. 7th Street, Los Angeles 14, California.

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Printing and Circulation:	Hugh W. McClellan
San Joaquin Representative:	Herman W. Weddle
Next deadline:	February 10, 1947

CALENDAR

January 20, 1947, Monday, 7:00 P. M., A. I. M. E., Petroleum Chapter, Auditorium, General Petroleum Bldg., Los Angeles

January 21, 1947, Tuesday, 8:00 P.M., A.P.I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill.

January 23, 1947, Thursday, 7:00 P. M., A. I. M. E., Petroleum Chapter, El Tejon Hotel, Bakersfield

January 24, 1947, Friday, 8:00 A. M., A. I. M. E., Petroleum Chapter, Field Trip, meet at intersection of Chester and Brandage Streets, Bakersfield

January 27, 1947, Monday, 7:00 P. M., A. A. P. G., Pacific Section, Auditorium, General Petroleum Bldg., Los Angeles

January 31, 1947, Friday, 7:00 P. M., S. E. P. M., Dinner and Discussion, Eaton's "Ardmore Cafe", 3550 Wilshire Blvd., Los Angeles

GEOLOGICAL FORUM

Monday, January 27, 1947, 7:00 P. M. sharp
General Petroleum Auditorium, 108 West 2nd St., Los Angeles

Contemporary Migration of Oil Demonstrated in Two Rocky Mountain Oil Fields - Charles Rankin, Consultant

What the Geologist Expects of Management - A Survey
Ernest K. Parks, Consultant

West Mountain Area, Ventura County - Robin Willis, Consultant and Leo H. Moir, Wilshire Oil Company

Observations on Recent Marine Mollusca - Illustrated with motion pictures - Harry R. Turver, Standard Oil Company

R. S. Ballantyne, Jr., Chairman this meeting

ASSOCIATION ACTIVITIES

The officers of the Pacific Section feel that its activities must continue to expand so that it may be of the greatest service to its members. We want each member to get as much out of the association as he can. Everyone knows that the only way to accomplish this is also to give as much as you can. What we need is imagination, initiative, and willingness to work. Let no member feel that he is too insignificant to play a part or that he is not appreciated. Much as we would like to, it is impossible for the officers of the association to know the capabilities of each of its members. The only way we can find out is for you to demonstrate them, unless you have already done so. There is no doubt that there is plenty of hidden talent among the membership of the association. We are very desirous of bringing it to light.

If you think of some form of activity that would be advisable for the Pacific Section to engage in, let us know about it. If you would like to take an active part yourself, you will be given the opportunity. In spite of this invitation, some of you will be too shy to come forward, much as you would like to. In such cases our only hope is to find out about your capabilities from your friends. If any members know of abilities in others that the Pacific Section could use, but of which the officers are unaware, you will be doing everybody a favor in calling them to our attention.

Among the activities already planned are the following:

The plans for this news letter are discussed under another heading.

Publicity this year is in the hands of Milton W. Lewis, 711 W. Olympic Blvd., Room 906, Los Angeles 15, whose telephone number is Prospect 3872. Milton has had previous experience as publicity manager for A.I.M.E., and is tackling his present job with efficiency and enthusiasm.

The Geological Forum will be continued, with this change: there will be a new chairman for each meeting. It will be his responsibility to select the place of meeting, the program, and the speakers. In that way, it is hoped to bring to light potential leaders of the Pacific Section for the future. Only a few chairmen have been selected thus far. If you would like to be one, let us know. As many will be accommodated as possible. The first meeting was held December 16, under the chairmanship of William Ross Cabeen; the second was led by E. L. McDowd, January 6. The next program is being announced elsewhere.

We are looking ahead to the next annual meeting, so that it may be as efficiently organized as possible. The program committee has not yet been selected. Any suggestions will be welcomed by the Pacific Section officers. Harvey W. Lee has been asked to take charge of arrangements and has accepted. He will need assistants.

It is hoped that we will have more field trips during the season of good weather. One or more of these will probably be under the auspices of the Society of Economic Paleontologists and Mineralogists.

Some members have expressed an interest in the idea of reviving small study groups, each comprised of perhaps a dozen people particularly interested in certain lines of study. Some years ago, several of these study groups were active in the Pacific Section.

The Classification Committee will continue its activities under the chairmanship of Frank B. Carter. The other members are R. D. Patterson, E. Harold Rader, and E. L. McDowd, with Graham Moody ex officio member. Rader and McDowd are newly appointed members, relieving Frank S. Parker, chairman, and Harvey W. Lee, whose terms of office were completed after they had contributed diligent and valuable effort to the work of the committee. Graham Moody is the representative of the Committee on Statistics of Exploratory Drilling of the national association. Our classification committee is engaged in the task of stabilizing the nomenclature of fields and zones.

At the time the Stratigraphy Study Group was active, Frank Parker made the valuable suggestion that we try to provide the information about fields that might be looked for but not found in Bulletin 118. Remembering this, your president has asked Frank to be chairman of a committee to work on this project. Here is another opportunity for willing hands.

Harold H. Sullwold, Jr., suggested to your president that a committee be appointed for the purpose of issuing preliminary reports on fields that are too new to have been the subjects of the familiar type of formal report, but which are nevertheless of current interest. He has accepted the invitation to be chairman of such a committee. The other members have not yet been chosen. If you would like to serve on it, let us know.

During the past year, the Pacific Section had a veterans' placement committee. The members seem to think that the need for that particular function is pretty well ended. A new general placement committee for geologists would probably be a useful function of the Pacific Section. Several geologists desiring jobs have already come to our attention. A committee for that purpose will probably be organized. Its nature is such that the members will have to be selected carefully.

It has been suggested by the Dallas Geological Society that our group collaborate with them in the preparation of geological air logs—descriptive matter that would be available to passengers on airplanes about the geology over which the air routes pass. The people in the mid-continent think it would be nice to have this available for the March meeting of the national association in Los Angeles. This is a big order, but the idea is interesting enough to warrant some study in connection with a more permanent project if the March dead line comes too soon.

Then there is the matter of the proposed engineers' licensing law. If enacted, it will affect every member of the Pacific Section, actively or potentially. The most effective way to look after the interests of our members is by obtaining the cooperation of the A. I. M. E.; so the president of the Pacific Section has asked W. W. Porter II to act as a delegate from the Pacific Section to deal with the A. I. M. E. in this matter. While many of our members, including your present president, would rather forget the whole thing, it appears that we cannot afford to do so. Consequently, a committee will be appointed to give this matter further study. We shall be glad to hear from anybody who would like to take an active part.

Your officers feel that not all the practicable activities of the Pacific Section have yet been undertaken. Here is a chance for each member to show his imagination and initiative. A dance is one of the best means for getting the members and their wives acquainted with each other. How about organizing some simple, informal, and inexpensive dances, such as the Sierra Club has? Two or three of these a year would be a distinct social advantage to the association. In like vein, an aggregation of geologists as large as the Pacific Section must include quite a few musically minded people. Why not make use of this talent in an informal way?

We have had communications from the State Division of Mines and from the State Department of Public Works in regard to the program for topographic mapping of the entire state, partly on a scale of 1:24,000 and partly on the scale of 1:62,500. This will be done by new and improved methods developed during the recent war. Anyone interested should communicate as soon as possible with Edward Hyatt, State Engineer, Division of Water Resources, Public Works Building, P. O. Box 1079, Sacramento 5. Mr. Hyatt wishes to find out our preferences just as soon as possible as to the areas to be mapped.

Shepard W. Lowman, chairman of the national Research Committee of A.A.P.G. is seeking all the help he can get for the various research projects outlined in the A.A.P.G. Bulletin for December, 1946, page 2042. His address is Shell Oil Co., 641 M. & N. Building, Houston, Texas.

Kenneth K. Landes, chairman of the Committee on Applications of Geology, of the national association, has asked us to provide a list of speakers who will be willing and able to popularize geology by addressing various service clubs and other organizations. If you are interested, please notify Clifton W. Johnson, Richfield Oil Company, 555 South Flower St., Los Angeles 13, who is secretary of our Pacific Section.

As the result of an emergency arising out of the sudden resignation of the faculty member in charge of the course, the Pacific Section was invited by the faculty of the Department of Geology of California Institute of Technology to help that department formulate its course in Petroleum Geology for the term which has just commenced, and to provide geologists from the petroleum industry to lecture to the graduate students who are taking this course. The groundwork for this plan was laid by Dr. Ian Campbell of the Institute and W. W. Porter II of the Pacific Section. Your president then appointed an advisory committee, consisting of E. R. Atwill, R. W. Clark, James Dorrance, Rollin Eokis, M. G. Edwards, and C.M. Wagner, and this committee met with the president and vice-president of the Pacific Section to discuss the plan. As a result, the committee will give such assistance as it can in providing speakers and formulating the program, while the faculty retains complete responsibility for the course, which is under the supervision of Prof. J. Wyatt Durham.

It is the view of your officers that the Pacific Section has a vital interest in the education of students of petroleum geology as taught in any institution in our district, and that we will give what help we can wherever it is needed—in a completely impartial manner, of course. We will probably have more to say on this subject in future issues of this news letter.

At the suggestion of the advisory committee, Martin Van Couvering, president of the Pacific Section, gave an introductory talk to the students on January 8, and this will be followed by two one-hour lectures by Dr. R.W. Clark. Other speakers who have already agreed to appear on this program are Dr. T.L. Bailey, Claude E. Leach, and W. Tempelaar-Lietz.

PERSONAL ITEMS

This department will attempt to bring you current information regarding the activities of your friends and would appreciate comments, suggestions, and especially contributions for the column.

The Standard Oil of Calif. recently announced the organization of an Exploration Department with—

- George Cunningham - Manager of Exploration, San Francisco.
- Owen J. Haynes - Ass't. Manager of Exploration, San Francisco.
- W.S.W. Kew - Chief Geologist, San Francisco.
- W. F. Barbat - Ass't. Chief Geologist, San Francisco.
- R. G. Reese - Special Ass't. to Chief Geologist, currently located in Bakersfield.
- A. J. Solari - Sup't. of Exploration, Bay District, San Francisco.
- G. L. Knox - Sup't. of Exploration, Northern Division, Bakersfield.
- W. P. Winham - Sup't. of Exploration, Southern Division, Los Angeles.

Recently departed from the West Coast are—

- E. W. McAllister - to be Chief Petroleum Engineer with the Kuwait Oil Co., Arabia.
- John J. Rupnik - to be with Sinclair Prairie Oil Co. in Tulsa as Geophysicist.
- Alex Clark - to Casper, Wyoming to be Senior Geologist for Shell Oil in the Mountain Area.
- John H. Maxson - has left Cal. Tech. to accept a position as geologist with Bay Oil Co., Denver.
- Robert W. Lang - to open a consulting office in Garden City, Kansas.
- Steven N. Daviess - to Cuba as Geologist for Gulf Oil Co.
- Roe A. Gray - to South America for Socony-Vacuum with headquarters at Caracas, Venezuela.
- Edward J. Coenan - to New York, thence to Sumatra to assume duties as Chief Petroleum Engineer for Standard-Vacuum in the Dutch East Indies.

Other travelers include—

- Sam Grinsfelder - returned to California from the Mid-Continent fields. To be Supervisor of Production Engineering and Development for all Union Oil Co. operations in the U.S.
- F.C. "Phil" McConnell - Manager of Production for American Arabian Oil Co. recently returned to Los Angeles for a visit while on vacation from headquarters at Dhahran Saudi Arabia.
- Hubert L. Popenoe - recently returned to Bakersfield after a trip to South America.
- Robert H. Paschall - has left Ventura to try his hand at raising tulip bulbs in Oregon.
- Vincent W. Finch - to be Senior Geologist, Ventura Coastal Division of Shell Co.
- John S. Loofbourow - transferred from Bakersfield to the L.A. office of Barnsdall Oil Co.

Miscellaneous bits of news -

- Max W. Ball - to be director of the Oil and Gas Div., Department of the Interior.
 - Harry V. Church - to be Geologist with the Shell Oil Co., Bakersfield.
 - John F. Curran - employed in the Geological Dept. of General Petroleum Corp.
 - Harry D. Curry - to be Geologist with the Shell Oil Co., Casper, Wyoming.
 - R. E. Colton - retiring as Vice President of Continental Oil Co.
 - R. G. Greene - Manager of Lands and Leases for Union Oil Co.
 - A. I. Levorsen - now Dean of the new School of Mineral Sciences, Stanford University.
 - A. W. Sands - to be Sup't. of drilling and production operations, The Texas Co., Pacific Coast Division.
 - E. K. Soper - from Calif. State Lands Commission to be consultant with Signal Oil & Gas Co.
 - Rodman K. Cross - to the Exploration Dept. of the Hancock Oil Co., Long Beach.
 - Robert E. Anderson - is now employed in the Geological Dept. of the Signal Oil & Gas Co.
 - Hampton Smith - the proud father of a baby boy.
 - Peter H. Gardett - also the proud father of a baby boy.
- Special Assignments -
- E. G. Gaylord - Chairman, Research Advisory Committee, A.P.I.
 - A. W. Gentry - Counselor, Pacific Pet. Chapter, A.I.M.E.
 - John R. McMillan - Chairman, Pacific Pet. Chapter, A.I.M.E.
 - F. S. Parker - Counselor, Pacific Pet. Chapter, A.I.M.E.
 - W. W. Porter II - Counselor, Pacific Pet. Chapter, A.I.M.E.
- Association Committees, A.A.P.G. Bulletin, Nov. 1946, p. 1960.

MISCELLANEOUS PERSONAL ITEMS

- Graham Moody the subject of some very complimentary remarks by Pacific Coast editor Dick Snedden of the Petroleum Engineer in the issue of Dec., 1946, p. 244.
- The whirlwind courtship and marriage of Marjorie Kamm to Dr. W. C. Krumbein is described on the same page.
- Phil McConnell addressed the Los Angeles Nomads on operations in Saudi, Arabia.
- Frank Carter and Phil McConnell raised favorable notice as members of a barbershop quartet in the Petroleum Engineer for Dec., 1946, p. 245.
- W. W. Oroutt (deceased) was the subject of an interesting comment in the Petroleum Engineer for Dec., 1946, p. 245.
- R. B. Moran was the principal speaker at the final 1946 meeting of the Southern California Section of A.I.M.E. at the Elks Club.
- Wm. Noble Leacy will receive the Anthony F. Lucas gold medal for 1947 from the A.I.M.E. See the Oil & Gas Journal, Dec. 28, 1946, p. 308, for story and picture.
- Hugh Matier is listed as a micro-paleontologist in Drilling, Dec., 1946, p. 52.
- Harry P. Stoltz has been retained as consultant for the Navy in connection with the Elk Hills Naval Oil Reserve.
- Art Huey, Herb Mc Masters and J. Q. Anderson are respectively Chairman, Vice-Chairman and Secretary-Treasurer of the San Joaquin Geological Society.

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

February 1947

Number 2.



Earl B. Noble, President
American Association of Petroleum Geologists

The Annual Meeting of the Association to be held in Los Angeles this March will be an important one for all of us since it comes at a time when the industry's leaders are evincing concern over the future supplies of oil. The general theme of the convention, "Shores of the Pacific" reflects our growing interest in foreign exploration and one day will be given over to papers on this subject. During the remainder of the meeting, both papers and symposiums will concentrate on our immediate problems covering the intensive search for oil within the boundaries of the United States and along that portion of the Continental Shelf immediately adjacent to our present coastal oil producing areas.

The opportunity for contacts and discussions between geologists from widely separated parts of the country and different geological provinces is particularly important as it tends to stimulate our thinking and often leads directly to substantial discoveries.

In view of the declining rate in the discovery of new oil fields in the last five years, exchange of information between various groups engaged in oil finding is essential. It is perhaps significant that this meeting is a joint meeting of A. A. P. G., S. E. P. M. and S. E. G. To a greater and greater extent, future oil fields are going to be found by teamwork between these groups. Statistics are often misleading in that they credit discoveries to one certain type of prospecting, such as surface geology, geophysics or subsurface studies, while in reality the majority

of the recent discoveries are due to a combination of all three. It is difficult to separate the contributions of the paleontologist, for example, from those of the field geologist, the geophysicist, the subsurface geologist, the electric log interpreter, etc.

Housing and other conditions are not ideal at this time, as Harold Hoots (General Chairman) and his various committee chairmen are aware, but under Harold's direction things are beginning to shape up satisfactorily and the national officers feel that the interesting program arranged by Bob Clark, plus California's well-known brand of hospitality, will assure interest and enjoyment for all.

As a result of years of tramping the hills in zero or scorching weather, of sleepless nights spent in hammocks in the hot, humid, insect-infested jungle, of eating beans, rice and canned foods for days on end, and drinking the warm chlorinated water from a stinking hole, the majority of geologists come well prepared to withstand the rigors of a convention and to absorb such inconveniences as sleeping three in a room or standing on a chair to see the floor show.

Earl B. Noble
President, A. A. P. G.

ASSOCIATION ACTIVITIES

The A.A.P.G. Pacific Section luncheons have been well attended with interesting programs. The first was held on the first working day of the new year, January 2, with an over-capacity crowd at hand. Site was the Los Angeles Athletic Club with U. S. Grant, Professor of Geology at University of California at Los Angeles, giving an interesting talk on "New Aspects of Shoreline Processes" which explained the sand distribution along the beaches from the Palos Verdes Hills to Point Dume encompassing Santa Monica Bay. This subject was one which had undoubtedly aroused the curiosity of most of those present. It seems that the waves coming in from the Pacific Ocean have a strike of nearly due west with a slight southerly component. In the Palos Verdes area these waves hit a submerged shelf, changing the direction of the waves northward with a destructive action that carries the sand northward across the deep Redondo submarine channel towards Venice. On the other hand, waves in the northern part of Santa Monica Bay travel over deep water and are not deflected. Consequently, there is a tendency for the sand to drift south meeting the northward drifting sand at the Malibu Yacht Harbor. This explains why the dredgers have been so busy in this area. Dr. Grant did this work in conjunction with the Navy during the war, and the results have proven very valuable and may give us some new slants on our search for the elusive stratigraphic trap.

The second luncheon meeting was held February 6 and was also attended by an overflowing crowd. (It appears that we need a larger room to accommodate everyone; any suggestions will be appreciated). Dr. Claude E. ZoBell of the Scripps Institute of Oceanography gave an excellent dissertation on "The Functions of Bacteria in the Formation of Petroleum". This talk reviewed the progress of Project 43A, the aim of which is to study the conditions under which oil is formed. Dr. ZoBell has spoken on this subject several times previously and newspaper reports had credited him with a new method of secondary oil recovery by injection of large quantities of bacteria into old wells in the Pennsylvania fields, the bacterial action on the formation releasing oil previously unrecoverable. Dr. ZoBell explained that laboratory experiments had proven that this action does take

place, especially in the case of carbonate rocks, which are dissolved as a consequence of bacterial action. No actual oil has been produced, but experiments in some of the Pennsylvania fields are very encouraging. Several obstacles exist, among them contrary species of bacteria that hinder the work of the good bacteria with the production of slime and alteration of the oil. Other significant facts revealed were the possibility that bacteria may prove to be useful in soil analysis surveys for the location of hidden oil pools. An interesting aspect of this speculation is the fact that all surveys should be made at the same time of the year under the same climatic conditions as there is tremendous variation in bacterial activity from season to season.

Wayne Loel has done a fine job and has another interesting program lined up for the March meeting with plans for the coming National meeting revealed by Chairman Harold Hoots.

The Petroleum Geology course at California Institute of Technology has gotten underway with the aid of the Field Section as mentioned in the last issue. All of the lectures have been staffed by A.A.P.G. members. W. W. "Bill" Porter is doing a very capable job of supervising the program. The method of attack is to set up a few general background lectures and then continue by the case-history method. This procedure eliminates the problem of continuity, which could have been a problem, inasmuch as many of our potential speakers are subject to the emergency calls that are part of the oil business. Although the course has been proceeding as planned and has evinced much interest and discussion of the various subjects by the students, Bill wishes to point out that it is still in the nature of an experiment and further conclusions cannot be drawn until the semester is ended.

Another somewhat similar program will be started at University of California at Los Angeles. This is being organized through the efforts of Sam Stewart of the Richfield Oil Corporation and is being sponsored by the newly formed Geological Club. The main objective will be to acquaint the students with the practical aspects of petroleum geology. A series of lectures is being organized and several field trips are contemplated. The first speaker will be Frank Morgan who will discuss "The Petroleum Industry in General", and the second speaker will be Earl B. Noble who will talk on the organization of a geological department and its relation to the other departments of an oil company. This lecture series should enable the graduates starting out in the petroleum industry to have a good general idea of what they will be doing and eliminate much of the time now spent in indoctrination of new employees.

The new system for the Geological Forum has worked out very satisfactorily. The Forum Club has been organized and its membership will consist of the chairmen for each meeting. Each chairman will automatically become a member after the meeting over which he presides is concluded. It will be the duty of the Forum Club to select additional chairmen for future meetings and to organize the programs. This arrangement will relieve Martin Van Couvering, our President, for other responsibilities, of which he has many. To date the meetings have been well attended with the usual interesting programs. (See the Calendar for program of current meetings)

Elmo Adams, chief geologist for the Honolulu Oil Corporation, has been appointed by President Martin Van Couvering as the Executive Committee's representative for the San Francisco Bay region. This area has taken on more importance of late with the development of the northern California gas fields and is the headquarters for operations of some of the companies.

W. B. Beatty of the Honolulu Oil Corporation has been chosen as the Pacific Petroleum Geologists' correspondent for the Bay area. Bill is well qualified for this assignment as he is also president of the Northern California Geological Society. This organization, formerly headquartered in Sacramento, has transferred to San Francisco and will hold its first meeting of the year this month.

Frank Carter, chairman of the Classification Committee, reports that the first meeting for 1947 was held in Bakersfield on January 31. The main achievement was the selection of names for the California Gas fields and their various pools and zones. Also names were agreed on for the new oil discoveries since the last meeting. This up-to-date nomenclature will be published soon. Joe Hook, the official representative of the Conservation Committee, was in attendance at the last meeting.

Arrangements have been made with the California State Division of Oil and Gas Supervisor, R. D. Bush, to have an A.A.P.G. representative in each D.O.G. district to work with them on the classification of abandoned wildcats. These new appointees are: Harvey W. Lee, Los Angeles; Francis W. Hertel, Ventura; Aden W. Hughes, Santa Maria; W. T. Woodward, Taft; Paul J. Howard, Bakersfield; and Dwight T. Roberts (?), Coalinga.

A committee is being chosen by the Executive Committee to make a detailed study of the proposed Professional Engineers - Registration Act which comes up before the next session of the California State Legislature. This proposed act was drafted by the Los Angeles Engineering Council of Founders Societies and the San Francisco Engineering Council. Due to the overlapping of the fields of petroleum engineering (which is included in the proposal) and the field of petroleum geology (which is excluded in the proposal), it is imperative that a detailed study be made.

Harold H. Sullwold has organized a committee for the purpose of issuing preliminary reports on new fields and should have something ready for publication in the not too distant future.

Unfortunately, Frank Parker has had to resign his position as chairman of the committee to bring Bulletin 118 up to date.

Other Association committees which should get underway soon are the Educational Standards Committee, the Speakers Pool Committee and the Placement Committee.

PERSONAL ITEMS

On Jan. 1, 1947 the C.C.M.O. Company moved the head offices from Sixth and Main to a company owned building at 4549 Produce Plaza West. The street name gives some clue to its location, but I am told directions for first visitors are usually necessary. Go South on Soto to Leonis, then due East across the U.P. tracks to Produce Plaza - should you get lost call Lucas 6233.

Recent visitors to Southern California include -

John A. MacDonald, just returned from a South American tour with United - now affiliated with Western and expecting to spend a time in Utah before leaving for Paraguay.

Roy Tallant, T.W.A. district geologist in Wyoming, is enjoying a vacation in Los Angeles.

Harvey M. Lytel recently returned to Los Angeles for a visit while on vacation from headquarters in Bogota, Colombia.

Tom E. Folsom may be addressed Cia de Petroleo Ganso Azul, Edificio "San Martin" Casilla de Correo 2560 Lima, Peru. I quote from a recent letter from Tom, "Let me know if you need a few 2-3000 barrel wells not over 1000 feet deep. No one down here knows what to do with them, so they are probably yours for the asking."

Some new faces and recent moves -

Loyal "Alex" Tarbet, after quite a stretch in Washington and Oregon, then a brief sojourn in Taft, is now working out of the San Francisco office of the Standard Oil Co. with an assignment covering the Bay Region and Salinas Valley.

Harry Feder, now working out of the Associated's Los Angeles office.

T. W. Bibb Jr. transferred from Oregon to the Texas Co. scouting department in Bakersfield.

K.B. "Pete" Hall now employed in the geological department of the Richfield Oil Co. assigned the wildcat scouting chore in the L.A. Basin.

Robert Herron is now in geological department of C.C.M.O. at Bakersfield.

James W. Sheller, after much searching, has located a coastal residence and will be an Ojai citizen.

John F. Curran transferred from L.A. to Ventura office of the General Petroleum Corporation.

EXECUTIVE COMMITTEE, PACIFIC SECTION
American Association of Petroleum Geologists

Martin Van Covering President
W. P. Winham Vice-President
Clifton W. Johnson Secretary-Treasurer
E. Robert Atwill Past President
John E. Kilkenny Representative, San Joaquin Geological Society

PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1118, 811 W. 7th Street, Los Angeles 14, California.

Editor: Loyde H. Metzner
Assistant Editors: R. S. Ballantyne, Jr.
Calendar: John E. Kilkenny
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Personal Items: Robert T. White
Selected Bibliography: Hugh W. McClellan
Printing and Circulation: Herman W. Weddle
San Joaquin Representative:
Next deadline: February 28, 1947

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• "Analysis of Sedimentation and Diagenesis." by W. C. Krumbain. pp. 168-174.
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CALENDAR

February 14, 1947, Friday, 6:00 P. M., Northern California Geological Society, Engineers' Club, 206 Sansome Street, San Francisco
February 15, 1947, Tuesday, 7:30 P.M., A.P.I., San Joaquin Valley Chapter, Joint Meeting with Conservation Committee, Hotel El Tejon, Bakersfield.
February 19, 1947, Wednesday, 6:30 P. M., Brenner Club, The Athenaeum, C. I. T., Pasadena, Dinner Meeting
February 24, 1947, Monday, 7:00 P. M., A. I. M. E., Petroleum Chapter, Auditorium, General Petroleum Building Los Angeles
February 26, 1947, Wednesday, 7:00 P. M., A. I. M. E., Southern Calif. Section, tentatively at the University Club, Los Angeles
February 27, 1947, Thursday, 7:00 P. M., San Joaquin Geological Society Study Group, Room 10, Library Building, Kern County Union High School, Bakersfield.
February 28, 1947, Friday, 7:00 P. M., S. E. P. M., Ethyl Corporation Auditorium, 977 West 8th Street, Los Angeles
March 5, 1947, Wednesday, 6:30 P. M., Brenner Club, The Athenaeum, C. I. T., Pasadena, Annual Dinner Meeting
March 6, 1947, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Green Room, L. A. A. C., Luncheon Meeting
March 11, 1947, Tuesday, 8:00 P. M., A. P. I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill
March 13, 1947, Thursday, 7:00 P. M., A. I. M. E., Junior Petroleum Group, Rio Honda Country Club, Downey
March 17, 1947, Monday, 7:00 P. M., A. A. P. G., Pacific Section Geological Forum, Auditorium, General Petroleum Building, Los Angeles
March 19, 1947, Wednesday, 6:30 P. M., A. P. I., Coalinga - Kettleman Chapter, Club Polvadero, Coalinga
March 24, 1947, Monday, 7:00 P. M., A. I. M. E., Petroleum Chapter, Auditorium, General Petroleum Building, Los Angeles
March 24 to 27, 1947, Monday to Thursday, JOINT ANNUAL MEETING - A. A. P. G. - S. E. P. M. - S. E. G., Biltmore Hotel, Los Angeles
March 28 to 30, 1947, Friday to Sunday, Post-Convention Field Trip, Los Angeles - Ventura - Santa Maria - San Joaquin Valley - Los Angeles
April 3, 1947, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Green Room, L. A. A. C., Luncheon Meeting
April 11 and 12, 1947, Friday and Saturday, ANNUAL MEETING - G. S. A., Cordillera Section, Stanford, Palo Alto
March 26, 1947, Wednesday, 12:00 noon, Associates of Geological and Mining Departments of Stanford University, Biltmore, Luncheon Meeting.
GEOLOGICAL FORUM
Monday, March 17, 1947, 7:00 P. M. sharp
General Petroleum Auditorium, 108 West End St., Los Angeles
- - - - -
Transportation of Sediments by Currents in the Sea
John C. Crowell, Graduate Student, UCLA
Coastal Area - Santa Monica to Gaviota
Russell Simonson, Ohio Oil Company
Recent Deep Exploration - Elk Hills Structure
Burton Ellison, Standard Oil Company
Aerial Photography in the Interpretation of Geologic Structure (Tentative) Lawrence Brundall, Geophoto Services, Incorporated
Ted Rear, Chairman this Meeting

Harry Allen now associated with the Bay Petroleum Co. in Denver, Colorado.

James B. Anderson recently transferred from Bakersfield to the Los Angeles office of Continental Oil Company.

Joe Jones, Capital Co., has been assigned to a project in Texas.

Bill Rand has resigned from the Shell Oil Co. to accept a position with the Union Oil. He is located at 320 Benjamin Franklin Building, Santa Barbara.

Thomas L. Bailey has left the Rothschild Oil Co. to open a consulting office in Ventura.

Harvey W. Lee has been transferred to the Land & Lease Department of the Union Oil Company.

Claude "Tex" Leverett is now Union Oil Company's Los Angeles and Coastal wildcat scout.

A.E.L. "Tony" Morris recently transferred from Evanston, Wyo. to Los Angeles office of General Petroleum Corp.

John H. Fackler returned from an assignment in the Salinas Valley and is now in the Los Angeles office of C.C.M.O. receiving congratulations on the arrival of a son.

Someone remarked that it was "lambing season" among the geologists. I've heard of a few -

To the William E. Kennetts, a second daughter - Kathy.

To the Joseph G. Hatheways, a son - Michael.

To the Philip Kistlers, a daughter - Jan. Phil, by the way, is now associated with the Chicago Aerial Survey Co., Chicago, Illinois.

To the Howard Stones - Howard, superintendent for Texas Co. in Fellows - a boy.

Auto accidents unfortunately have been prevalent -

Jim Kimble was laid up for a couple of weeks following a Christmas day accident near Fresno.

E. R. Stanley was bruised a bit and his car badly smashed in an accident on January 29 near Castaic.

This happened some time ago, but I understand John Huber was a spectator to the demolition of his car which had stalled on the U.P. tracks near Pomona.

Tom Dibblee it seems, became literally tangled up in a fan belt, resulting in a rather badly broken thumb.

Miscellaneous Personal Items:

If some of his friends wonder why Bill Kew seems to be avoiding Los Angeles - the reason, I hear, is jury duty.

A. I. Levorsen was recently elected president of the Geological Society of America.

Ralph Arnold announces the removal of his offices to 1205 Wilson Avenue, San Marino, Calif.

Mr. Harold B. "Rats" Rathwell's wife has given up her teaching career after 20 years in the Beverly Hills High School. Friends believe this may keep "Rats" away from his favorite fishing grounds.

Frederick M. Zeigler is now in Trinidad on a business trip.

Gene Vallat, Ohio Oil, raises dates at Indio as a sideline.

William B. Beatty is now president of Northern California Geological Society. I would certainly appreciate some reports from the Bay Region.

British American Oil Co., on January 9, had a cocktail party at the Ambassador Hotel in honor of the Executives and Directors who were visiting from the home office in Toronto, Canada.

Miguel "Mike" de Laveaga is temporarily on the inactive list while recuperating from a recent illness.

John Ball is back in the States after four years in Hawaii and one in Japan with the U.S.E.D.

Robert M. Kleinpell is now teaching invertebrate paleontology at U.C., Berkeley.

Clifford C. Church, Tide Water Associated, is teaching part time at Stanford University.

Max Steineke, Arabian American Oil Co., is temporarily located at 200 Bush Street, San Francisco, having recently returned from Saudi Arabia.

Bradford C. Adams is now located in Bakersfield after several years of various assignments with the Texas Co. in Northern California.

Vic Church, Shell Oil Co., plays the oboe in the newly organized Bakersfield Symphony Orchestra.

R. L. Hewitt has recovered from a successful ear operation.

Paul Dudley, now associated with the American Placers Inc., Billings, Montana, was recently seen in Bakersfield.

The "Saturday Evening Post" furnishes items of interest -

The Dec. 14 issue, page 139, tells of a little known account of Morris Laiming. He has made a study of fires in Japan and was an honorary member of the United States Fire Department. His reports on Japanese fires, fire fighting methods proved most valuable during the war.

A January issue, carrying an article on Solvang, mentions the death of Anton Andersen which sad news, I am sure, is of interest to all of the Buellton alumni.

The Secretary-Treasurer, Cliff Johnson, will be glad to receive Two Dollars by check, currency or coin from unpaid members prior to the date of the National Convention.

The Address Roster is being revised. Please be sure that we have your correct address so that future notices and copies of the Pacific Petroleum Geologist will reach you without delay.

The March issue, Volume 1, Number 3, will be the National Convention Number and will be given largely to news of the coming convention. To assure reaching you in time, the deadline date has been set forward to February 28. The deadline of subsequent issues is set at the last Friday of each month. Contributors please note.

PACIFIC PETROLEUM GEOLOGIST
PACIFIC SECTION, A.A.P.G.
ROOM 1116
811 WEST 7TH. STREET,
LOS ANGELES, CALIFORNIA.

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

March 1947

Number 3.

ANNUAL CONVENTION NUMBER

On March 24-27 the Pacific Section, for the third time in its career, will have the pleasure and satisfaction of serving as host for another annual meeting of the American Association of Petroleum Geologists, the Society of Economic Paleontologists and Mineralogists, and the Society of Exploration Geophysicists. We know from past experience that the magnitude of the pleasure and satisfaction for us will be in direct proportion to the care with which we plan, and the degree of success which we insure for this meeting. In later paragraphs will be summarized the plans and the program which have been evolved by your Arrangement Committee, but first let's have a look at the names of those men who serve as officers of our three guest organizations.

American Association of Petroleum Geologists

Present officers

Earl B. Noble, pres.
Monroe G. Cheney, past-pres.
D. Perry Olecott, vice-pres.
Ed A. Koester, secy-treas.
Gayle Scott, editor

New officers

C. E. Dobbin, pres.
Earl B. Noble, past-pres.
George S. Buchanan, vice pres.
J. V. Howell, secy-treas.
C. L. Moody, editor

Society of Economic Paleontologists & Mineralogists

F. W. Rolshausen, pres.
John R. Sandidge, past-pres.
Cecil G. Lalicker, vice-pres.
Henryk B. Stenzel, secy-treas.

Society of Exploration Geophysicists

J. J. Jakosky, pres.
Henry C. Cortes, past-pres.
Cecil H. Green, vice-pres.
Geo. E. Wagoner, secy-treas.
L. L. Nettleton, editor

The recently completed election by mail ballot inaugurates the new method of electing officers for A.A.P.G., and permits for the first time the holding of an annual technical meeting without political barnstorming. The new A.A.P.G. officers listed above will take up their duties at the end of our Los Angeles meeting.

Your local Arrangements Committee for this meeting was appointed last July and became fully organized as a hard working team shortly thereafter. This committee is composed of a Chairman, Assistant Chairman, and the chairman of eleven separate subcommittees each of which carries distinct responsibilities essential to the success of the meeting. The men serving on these committees are listed below.

Convention Committees

General Committee

Harold W. Hoots, Chairman
Howard C. Pyle, Vice-Chairman

Roy E. Collom
Elmer Fred Davis
L. Courtney Decius
George C. Gester
Harry R. Johnson

A. I. Levorsen
C. E. McCollom
Frank A. Morgan
Martin Van Couvering
Carroll M. Wagner

Entertainment, E. Robert Atwill, Chairman

Carlton H. Beal
Glenn H. Bowes

Peter H. Gardett
Wilfrid H. Geis

Exhibits, W. P. Winham

Herschel L. Driver
Phillip P. Gaby

Clifton Wood Johnson
Vernon L. King

Field Trips, John C. Hazzard

Mason Hill
Aden Hughes
Claude E. Leach

Russel Simonsen
W. P. Winham

Finance, John R. McMillan

Elmo W. Adams
J. R. Pamberton

Norman A. Rousselot

Hotels and Housing, Vincent W. Vandiver

Miss Marie J. Clark
Ashley Stanford Holston
John M. Nisbet

Mrs. Helen Fowler Tuttle
Robert T. White

Program, Robert W. Clark

Thomas L. Bailey
James Gilluly
William S. W. Kew

James C. Kimble
William D. Kleinpell

Publicity, Gordon R. Bell

William D. Kleinpell
Fred A. Menken

William W. Porter II

Reception, C. R. McCollom

Roy M. Barnes
George C. Gester
Harry R. Johnson
Harvey W. Lee

Frank A. Morgan
Sam Stewart
Rowland B. Whealton

Registration, Vernon L. King

Walker S. Clute
Walter J. Crown
Rollin Eckis
Glen Ledingham

Downs McCloskey
Clarence B. Osborne
Richard C. Reese

Transportation, Homer J. Steiny

Karl Arleth
Elmer R. Baddley
Edmund J. Bartosh
Ray G. Greene
Francis W. Hertel
William Dabney Lewis

John C. May
Harold E. Rader
Jack M. Sickler
William H. Thomas
George C. Williams

A large subcommittee under the leadership of Mrs. Carroll M. Wagner has complete responsibility for the entertainment of visiting ladies.

A summary of all events planned for the convention has been published in recent A.A.P.G. Bulletins, and was presented at the monthly luncheon on March 6.

Now for a brief preview of the staging of the coming convention in Los Angeles. The decision as to the location of an annual A.A.P.G. convention is made by the Executive Committee a year or so in advance of the selected date, but after it has been determined that adequate hotel accommodations will be available. Encouragement from the Biltmore in March 1946 led to the selection of Los Angeles for 1947, but the expected easing of the hotel situation did not materialize for Los Angeles. Rather, it has become worse and has thrown an unusual burden upon Vincent Vandiver and his Hotels Committee. They are accomplishing the almost impossible and deserve a great big hand from the Pacific Section and convention guests.

The next essential step is the planning of an outstanding technical program which provides broad coverage of subjects and, if possible, a timely appeal to the interests of a majority of members. Bob Clark and his committee have performed a monumental task in combining all the essentials of a choice technical program and in assembling, editing, and printing a program booklet which is really a beauty. Bob has prepared the following advance summary of his technical highlights.

"We geologists in California go about our daily tasks in a matter of fact way perhaps little realizing how different our problems are from those of our confreres from the Mid-Continent and other areas east of the Rocky Mountains. Since we shall have a large number of visitors from the east out here for the convention it seems fitting to inquire into the characteristics of Pacific Coast geology so that comparisons and contrasts can be made with other areas. Is the structure we deal with typical of any given portion of the earth's crust and are the sediments different or typical of a given set of environmental conditions? These are the things we hope to look into during the technical sessions of the convention.

"The program falls into four categories.

"(1). A study of sedimentation and environments of deposition. The Monday evening session begins the discussion when Manley Natland describes some peculiarities of Repetto deposition in the Los Angeles basin and K. O. Emery discusses the geology of the continental shelf off Southern California and sediments being deposited there today. The theme is carried on through Tuesday afternoon as Harold Hoots lays the ground work for papers to follow on the genesis and evolution of the Los Angeles basin by Hershel Driver, the Ventura basin by Tom Bailey and the Great Interior Valley basin by Glenn Ferguson. The S.E.P.M. also will carry out this theme in a series of papers on the environmental significance of the various types of sediments such as shales, sandstones, limestones, conglomerates, etc. and will devote another session to a detailed study of sediments in the different basins of California.

"(2). Petroleum geology of lands bordering the Pacific. Professor Bucher of Columbia University will pave the way for this series of papers with a picture of the geological relationships in the Pacific basin as a whole. Special papers will follow then on regions in this basin, one-half day being devoted to the Far East during which S.E.G. will join the session with two papers on Geophysical work; one in Sumatra and one in Bikini Atoll, and one-half day to countries in North and South America. A feature of this latter program is a paper by L. G. Weeks on the paleogeographies of South America with a series of fifteen paleogeographic maps, one for each period. The S.E.G. has so many good things to hear about that it is necessary to run two sessions contemporaneously all day Thursday. One will be in the Biltmore and the other in the Edison Building Auditorium.

"(3). Searching for petroleum in overthrust areas. The existence of overthrusts is not peculiar to California nor are such faults lacking in the Mid-Continent, but oil fields beneath overthrust masses are common west of the Great Plains and are non-existent east of the Rockies. What better time than that at a convention in California to investigate the problem of finding oil fields in overthrust areas? Wednesday evening will be given over to this when, under the chairmanship of Ted Link and Horace Thomas, Ed Lemmers will discuss the geology of the Santa Clara River Valley, D. L. Blackstone, Jr. the Rocky Mountain thrust areas and Ted Link, thrusting in Alberta.

"(4). Conventional technical papers describing oil fields and various geological problems pertinent to our work as petroleum geologists. This will occupy all of Thursday and will wind up the technical program of the meeting."

No technical meeting of petroleum geologists in an oil producing province is complete without one or more field trips. You will all be proud of the job John Hazzard and his committee have done in planning their field trips and in compiling a guidebook which will sell like hot-cakes. This guidebook, with its text, maps, and sections, will be a "must" for the library of every California geologist. Obtain your copy early because the edition is definitely limited. Other field trips include one conducted by Dr. Chester Stock to Rancho La Brea and the Los Angeles Museum, and another sponsored by the S.E.G. to Cal Tech and the Seismological Laboratory.

The display of maps, ideas, and special equipment useful to the petroleum geologists is a valuable asset to any

technical meeting. To handle this matter Bill Winham and his Exhibits Committee have arranged for the construction of 29 booths, and the sale of this space to selected business firms.

Geology has not been adequately publicized either to the general public or to the oil industry. This little matter will be taken care of in a big way by Gordon Bell and his Publicity Committee. Watch for this, because when Gordon finishes this job each of us will be able to confidently walk into the boss and demand more money.

Now it might be considered that we could stop right here and do no additional planning, but we just don't do things that way for a California meeting. We know that geologists coming to a California meeting once in nine or ten years bring their families and have what amounts to an expensive vacation trip. We try to anticipate their needs and make their trip as enjoyable as possible by greeting them when they arrive, assisting in their hotel registration, providing a convention registration system that will permit them to easily locate friends, and arranging for entertainment both for ladies in the daytime and for mixed couples in the evening. What to expect when a convention comes to California is legend. The family of every non-resident petroleum geologist looks forward to it and expects anything to happen. So do we - to the extent that we are now looking for a chairman to provide diaper service. All of these added features, - now essential to the successful California convention, - require a lot of work by several expert committees. Rolfe McCollom and his Reception Committee are all set with plans for welcoming and cheering our guests upon arrival; Vernon King and his Registration Committee will not only set up the usual registration system but will provide additional facilities to handle field trips and the sale of tickets for entertainment, transportation, and sight-seeing; Homer Steiny and his Transportation Committee have arranged transportation for scheduled events and, also, for unforeseen events on short notice; Bob Atwill with his Entertainment Committee, and Mrs. Marion Wagner with her Ladies Entertainment Committee, have planned all scheduled entertainment features and have reserved tickets for other events which are available to visiting guests through advance reservation; and, to make the above program possible, and to pay the bills, John McMillan and his Finance Committee have done a bang-up job of extracting and accumulating an adequate supply of legal tender.

We now come to the most important thing. How can all Pacific Section members help in making this meeting a huge success? This is your party and, as host, you have enjoyable work to do. Every local geologist and attending wife should register as soon as possible for two reasons: first, to be out of the way and not delay the registration of our guests; second, to have an opportunity during registration to study the registration setup and facilities, and be prepared either to answer any question of a guest or to know where to direct him. Study your program booklet carefully so that you can advise regarding all scheduled convention activities. Next, - or first, - several hundred visiting geologists and wives will arrive by special and regular trains on Sunday, March 23, two days in advance of the technical meetings. The special Santa Fe train from Texas, Louisiana and Mississippi arrives at 10 o'clock Sunday morning. Meet your friends either at the depot or at their hotel on Sunday and give them that California welcome.

It is requested that all Pacific Section members recognize the fact that, due to shortage of facilities, the scheduled field trips and several of the optional entertainment features have been arranged for visitors only. It is important that all local members refrain from registering for these events until the wishes of our guests are known.

Harold W. Hoots, Chairman
General Committee, National Convention

GEOLOGICAL FORUM

Monday, March 17, 1947, 7:00 P. M. sharp
General Petroleum Auditorium, 108 West 2nd St., Los Angeles

- Transportation of Sediments by Currents in the Sea - John C. Crowell, Graduate Student, UCLA
- Coastal Area - Santa Monica to Gaviote - Russell R. Simonson, Ohio Oil Company
- Geology of Newhall-Potrero Oil Field - A. Theodore Lee, Barnsdall Oil Company

Ted Bear, Chairman this Meeting

EXECUTIVE COMMITTEE, PACIFIC SECTION
American Association of Petroleum Geologists

Martin Van Couvering	President
W. P. Winham	Vice-President
Clifton W. Johnson	Secretary-Treasurer
E. Robert Atwill	Past-President
John E. Kilkenny	Representative, San Joaquin Geological Society
Elmo W. Adams	Representative, San Francisco Bay Region

PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1116, 811 W. 7th Street, Los Angeles 14, California.

Editor: Loyde H. Metzner

Assistant Editors:

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Personal Items:	Peter H. Gardett
Selected Bibliography:	Robert T. White
Printing and Circulation:	Hugh W. McClellan
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San Francisco Representative:	William B. Beatty

Next deadline: March 31, 1947

CALENDAR

March 5, 1947, Wednesday, 6:30 P. M., Branner Club, The Athenaeum, C. I. T., Pasadena, Annual Dinner Meeting

March 6, 1947, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Mezzanine, Clark Hotel, Luncheon Meeting

March 11, 1947, Tuesday, 8:00 P. M., A. P. I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill

March 11, 1947, Tuesday, 7:00 P. M., San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting

March 13, 1947, Thursday, 7:00 P. M., A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey

March 17, 1947, Monday, 7:00 P. M., A. A. P. G., Pacific Section Geological Forum, Auditorium, General Petroleum Building, Los Angeles

March 18, 1947, Tuesday, 7:45 P. M., A. P. I., San Joaquin Valley Chapter, 11-C Meeting Hall, Standard Oil Camp, Taft

March 19, 1947, Wednesday, 6:30 P. M., A. P. I., Coalinga - Kettleman Chapter, Club Polvadero, Coalinga, Dinner Meet.

March 24, 1947, Monday, 7:00 P. M., A. I. M. E., Petroleum Chapter, Auditorium, General Petroleum Building, Los Angeles

March 24 to 27, 1947, Monday to Thursday, JOINT ANNUAL MEETING - A. A. P. G. - S. E. P. M. - S. E. G., Biltmore Hotel, Los Angeles

March 26, 1947, Wednesday, 12:00 noon, Associates of Geological and Mining Departments of Stanford University, Biltmore Hotel, Luncheon Meeting

March 28 to 30, 1947, Friday to Sunday, Post-Convention Field Trip, Los Angeles - Ventura - Santa Maria - San Joaquin Valley - Los Angeles

March 29, 1947, Saturday, A. A. P. G. Field Party will spend the evening in Bakersfield and will be entertained by the San Joaquin Geological Society at the Hotel El Tejon, a buffet dinner will be served

April 7, 1947, Monday, 7:00 P. M., A. A. P. G., Pacific Section Geological Forum, Los Angeles

April 10, 1947, Thursday, 7:00 P. M., A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey

April 11 and 12, 1947, Friday and Saturday, ANNUAL MEETING - G. S. A., Cordilleran Section, Stanford University, Palo Alto

April 15, 1947, Tuesday, 7:30 P. M., A. P. I., San Joaquin Valley Chapter, Bakersfield

April 21, 1947, Monday, 7:00 P. M., A. A. P. G., Pacific Section Geological Forum, Los Angeles

April 23, 1947, Wednesday (Tentative), 7:00 P. M., A. I. M. E., Southern California Section, University Club, Los Angeles

April 24, 1947, Thursday, 7:00 P. M., San Joaquin Geological Society Study Group, Room 10, Library Building, Kern County Union High School, Bakersfield

April 25, 1947, Friday, 8:00 P. M., Northern California Geological Society, Engineers' Club, San Francisco

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OF RECENT PUBLICATIONS

- °° Pacific Coast Geology
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- ° "Exaggeration of Vertical Scale of Geologic Sections." by H. H. Suter. pp. 318-339.
- ° "Log Map, New Type of Subsurface Map." by T. H. Bower. pp. 340-349.
- ° "Electrical Resistivity an Aid in Core-Analysis Interpretation." by G.E. Archie. pp. 350-366.
- ° "Significance of Fish Remains in Recent Deposits off Coast of Southern California." by Lore David. pp. 367-370.
- ° "Temperature Corrections in Altimeter Surveying." by J. K. Rogers. pp. 370-374.
- ° "Joint Annual Meeting, Biltmore Hotel, Los Angeles, March 24-27." by H. W. Roots. pp. 409-415.
- ° "A.A.P.G. Officers-Elect." p. 417.

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- ° "Paleontological Import of Certain Relationships of Marine Animals to Salinity." by Gordon Gunter. pp. 77-79.

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- ° "Pacific Petroleum Chapter A.I.M.E. First 1947 Meeting and Field Trip." (Contains summary geology and pressure maintenance of Coles Levee and Paloma oil fields.)

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- ° "World's Recent Deep-Hole Record Broken by Oklahoma Wildcat."

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- ° "The Utilization of Old Wells." by W. A. Heath.

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- ° "ZoBell Stirs A.A.P.G. With Talk on Bacterial Oil Recovery Method." Feb. 14, 1947. p. 3.
- ° "Control Bill Slipped in at Last Moment at Sacramento." Feb. 20, 1947. p. 1.

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- ° "New Firm Buys Continentals Drilling Facilities in California." Vol. 45, No. 39, Feb. 1, 1947. p. 32.
- ° "Geological Societies Elect New Officers." (ibid.) Vol. 45, No. 40, Feb. 8, 1947. p. 43. (Pictures of new A.A.P.G. and S.E.P.M. officers.)
- ° "Three Companies Press Widespread Search for Oil in Egypt." (ibid.) pp. 46, 49.
- ° "Trans-Arabian Pipe Line Becomes No. 1 Middle East Project." by Warren W. Burns. (ibid.) Vol. 45, No. 41, Feb. 15, 1947, pp. 62, 66.
- ° "Exploration and the Gravity Meter." by L.L. Logue and F. K. Fisk. (ibid.) Vol. 45, No. 42, Feb. 22, 1947, pp. 123 - 125.
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- "Drilling Rigs are Going to Sea." by J. E. Kastrop. pp. 33-35.
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- "1946 Completions Soar to Prewar Level." (*ibid.*) pp. 114-116.
- "Smaller Firms Drill Three-Fourths of Wells." (*ibid.*) pp. 126, 129.
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- "Wildcatting Success Below Average Ratio." (*ibid.*) p. 136.
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PERSONAL ITEMS

Al Gregersen reports in a recent letter a hope of being in New York on a visit and a remote possibility of making the National Convention. Probably many of you remember endorsing the "greetings" scroll to Al, circulated at the last Pico Canyon picnic. This is now framed and occupies a conspicuous spot in his Copenhagen office.

Tennant J. Brooks, formerly associated with Glen C. Ferguson, is now employed as a paleontologist with the Standard Oil Company.

J. R. "Bill" Pemberton is reported traveling through Baja California by jeep, accompanied by Earle Stanley Gardner. We can look forward to a most interesting report from Bill on this excursion.

Chet Cassel is now Vice-President and General Manager of the Union Oil Company subsidiary, Union Oil of Paraguay.

E. C. "Eddie" Edwards, having recovered from a fungus infection contracted in South America, is now consulting. His office is located at 501 South Coast Blvd., Laguna Beach.

Tom Folsom is reported to be due back in California from Lima, Peru.

R. O. Swayze has returned to Los Angeles from Caspar, Wyoming, and is now Manager of Production for General Petroleum Corporation.

B. A. Otis is now Assistant Manager of the Land and Lease Department of General Petroleum Corporation.

Stanley D. Conrad has completed graduate work at U. C. L. A. and is now employed in the Geological Department of the Richfield Oil Corporation at Bakersfield.

Dave Scott, Texas Company, is attached to the Bakersfield office in geophysical work, having recently returned from the Oregon-Washington "campaign".

"Chet" Doyle has been transferred from Fresno to the Taft office of General Petroleum.

J. H. "Charley" Dresbach leaves with his family about the middle of March to assume the duties of Assistant Manager of the Colombian Gulf Oil Company.

Spencer Fine has been employed by the Richfield Oil Corporation and will be located at Rincon.

John B. Woolley, geologist of the Shell group and lately from Venezuela, is now visiting the various Shell operations in California. He intends to leave for Trinidad after attending the National Convention.

Olaf P. Jenkins is now State Mineralogist, replacing Walter W. Bradley who recently retired.

J. J. "Jerry" O'Brien of Shamrock Drilling Company has recently returned from a rather extensive tour to Oklahoma, Mexico City, and Baja California. The "south of the border" trip was in the way of a preliminary reconnaissance for the Mexican Government regarding the drilling of an exploratory well near San Ignacio, Baja California. Jerry has some very interesting experiences to relate.

The "new baby" department may well be headed by relating this experience - It was 4:00 AM Sunday morning, February 16. Jim MacMillan, with his wife, raced along Verdugo Road on the way to the hospital - in a hurry - but too late - Jim paused long enough to be of what assistance he could - continued to the hospital with his wife and second daughter. Both are doing well, but you should see Jim.

The Don Priests are proudly displaying a February 17th boy, Brian Lee.

The Oscar Van Beverens, a daughter, Carol Ann.

Manuel Mayuga of Long Beach Oil Development reports a young son, Manuel Jr.

Correction and apologies - Ben Vallat - not Gene Vallat - is raising dates at Indio.

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

April 1947

Number 4

ASSOCIATION ACTIVITIES

One of the most successful of the A.A.P.G. conventions is now behind us. After a week of listening to an extremely interesting and educational program, renewing old acquaintances and making new ones, "field tripping" over California's oil provinces and in addition, participating in the social and other activities which are an integral part of our conventions, the 1225 members and guests and the 301 wives who attended have trekked their way home to resume their normal existence.

Too much credit cannot be given Harold Hoots and his capable committees for putting over this convention. Those registering included many geologists from distant parts of the world—from such far away places as Australia, Canada, China, Japan, Mexico, South America and The Netherlands.

Numerous social events highlighted the week including a cocktail party given by the Union Oil Company at the Biltmore Hotel in honor of Mr. E. B. Noble, retiring president of A.A.P.G., Dr. J. J. Jakosky, retiring president of S.E.G., and Mr. F. W. Rolshausen, retiring president of S.E.P.M. Another was given by the Western Geophysical Company at The Town House. Stanford University, University of Michigan and University of Chicago alumni relived the good old days at luncheons during the week. The social events were climaxed Thursday night with a highly successful dinner dance attended by a capacity crowd. Orchid corsages were presented to the ladies by the courtesy of the Rapid Blue Print Company. An added attraction to the floor show was an exhibition waltz and rumba by Dr. Lahee and a lovely partner.

Many of the visiting geologists and some of the local boys concluded the week's events by making the field trip up the coast to Santa Maria and back to Los Angeles via Bakersfield. A barbecue at the exclusive Santa Maria Club on Friday night will not soon be forgotten. Aided by some real California weather and hospitality, the 1947 convention will undoubtedly go down in Association history as one of the best.

Final election results for the A.A.P.G. Pacific Section district representatives find W. S. W. Kew, of Standard Oil Company, Gordon R. Bell, of Western Gulf Oil Company, and Lowell Saunders, of Independent Exploration Company, and the new incumbents, representing the San Francisco Bay district, Los Angeles Basin area and San Joaquin Valley, respectively. These newly elected representatives replace Glenn C. Ferguson and Rollin Eckis. The increase in number is due to the increase in membership of the Pacific Section in relation to the total A.A.P.G. membership. The other Pacific Section representatives are Frank W. Bell, Sacramento Valley, Claude E. Leach, Ventura, and D. E. Taylor, Long Beach, whose terms expire in 1948.

On March 14 the executive committee met with J. Calvin Brown, legal counsel for the five engineering organizations sponsoring the Professional Engineers' Registration Act. Mr. Brown informed the committee that it would probably be at least two years before this act would become a law, giving us plenty of time to deliberate and consider all of the implications. Mr. Brown asked for a definition of a petroleum geologist, which we are now endeavoring to give him. The chairmen of the geological departments in the local universities are assisting on this matter.

As we all know, the economic situation in Europe is very grave at the present time with many people on the verge of starvation. The G.S.A. is endeavoring to help the destitute geologists in the European countries and is soliciting the aid of the A.A.P.G. A ten dollar contribution will purchase thirty pounds of concentrated food and one such donation per month per recipient has been set as the objective. It is estimated that six to ten months will tide them over the

critical period. Contributions may be made either by groups or individuals. Dr. Henry Aldrich is acting as a clearing house for these contributions so that every needy individual will get his fair share. The contributions should be addressed to C.A.R.E. (Cooperative for American Remittances to Europe), c/o Dr. Henry R. Aldrich, Secretary Geological Society of America, 419 West 117th Street, New York 27, New York. Dr. A. I. Levorsen, President of the G.S.A., wishes to impress upon us that this help is needed right now!

The San Joaquin Valley Geological Society has had some interesting meetings this year. On January 14 F. F. Latta, Director of the Kern County Museum, spoke on "Early Indians of the San Joaquin Valley" which was especially interesting to those geologists who have encountered Indian artifacts during their field mapping. At the February meeting, on the eleventh, John Sloat, of Union Oil Company, gave a talk on some of the early mistakes in seismograph interpretation. On March 11 Dr. R. Dana Russell, of the U. S. Navy Electronics Laboratory and formerly Professor of Geology at Louisiana State University, spoke on "Deltaic Sedimentation". All of these meetings have resulted in good turnouts due to the fine work of President Art Huey and the other officers. Study group meetings are being held once a month and have met with an enthusiastic response.

H. H. Sullwold, Jr., and his committee for issuing preliminary reports on new oil fields have contacted several oil publications, all of which are anxious to print such reports. The other members of this committee are Bill Thomas, Shell Oil Company at Ventura, and George Roth, Shell Oil Company at Bakersfield.

Olaf P. Jenkins, new State Mineralogist, has announced that his former position of Chief Geologist will be filled by three men who will be selected through civil service examinations.

The petroleum geology course at California Institute of Technology has been concluded with very satisfactory results. This course will be conducted next semester by Hampton Smith, formerly Chief Geologist for The Texas Company, now a consultant.

ABOUT PACIFIC SECTION DUES

Our aim in creating this publication was to provide present and prospective members of the Pacific Section living outside of the Los Angeles metropolitan district a medium for keeping in closer touch with us and with each other. We have received enough responses -- all of which have been favorable -- to convince us that the issuance of the publication was a good move.

Up to now the Pacific Petroleum Geologist has been sent to quite an extensive mailing list, including many persons who are not paid-up members of the Pacific Section of A.A.P.G. Our purpose in doing this was to give our readers an opportunity to see what kind of publication this is. The four issues which have been published up to this time should be sufficient to serve this purpose.

Since the cost of publication is being met by the paid-up members of the Pacific Section, it does not seem fair to continue sending it promiscuously to all persons who might be interested, or even to those who are prospective but not paid-up members. AFTER THIS ISSUE, THE MAILING LIST WILL BE SUBSTANTIALLY CURTAILED.

If you are one of those who should be a member of the Pacific Section but have merely neglected to pay your dues, or if you do not know whether or not you are paid-up, why not make sure of receiving future issues of the Pacific Petroleum Geologist, in addition to all the other advantages offered by

EXECUTIVE COMMITTEE, PACIFIC SECTION
American Association of Petroleum Geologists

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PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1116, 811 W. 7th Street, Los Angeles 14, California.

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Printing and Circulation:	Hugh W. McClellan
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Next deadline: April 28, 1947

(Continued from page 1)

the Pacific Section, by seeing that your dues are paid? Our treasurer, Clifton W. Johnson, 430 Richfield Building, 555 S. Flower Street, Los Angeles 13, will be glad to take care of this matter. His telephone number is TRINITY 2231. Membership dues are coming in to him at a very gratifying rate -- 40-odd during the past week or so. Several members have stated that receipt of the Pacific Petroleum Geologist induced them to pay their dues.

There is no desire on the part of the Executive Committee to place undue pressure upon anyone to join. We believe that the association, and particularly the Pacific Section, should have enough to offer to make joining a privilege rather than a duty. On the other hand, we feel that anyone who is willing to derive the benefits that accrue to members of the Pacific Section ought to be willing to pay the very modest membership dues. The benefits to be derived cannot possibly be measured by the amount of the dues, which are only \$2.00 a year. Checks should be made payable to the Pacific Section of A.A.P.G.

Martin Van Couvering, President,
Pacific Section, A.A.P.G.

THE BIG FRONT DOOR

By Struthers Burt

The longer you live, the more you learn; and one of the simplest and surest things you learn is that nine times out of ten there are just three factors that make for success: loyalty, intelligence, and hard work. Nor is this any Horatio Alger talk; nor reaction; nor any desire to "keep the wage slave in his place." Personally, I'm a radical. I'm just repeating what all experienced men and women know. Luck has little to do with it. Only the young or ignorant talk much about "luck." Luck, for the most part, is the wisdom to know an opportunity when you see it, and, after that, to take advantage of what your wisdom has shown you.

I have placed the factors in question in their relative importance.

Personal relationships are the most essential things in life. Loyalty is a prime requisite for secure relationships. The disloyal man seldom gets anywhere; and if he does, sooner or later he will be found out, and all the riches in the world won't protect him. But loyalty, of course, like most virtues, works both ways. You can't be loyal to a disloyal boss. It is well, however, to find out first if he's disloyal. If you're both loyal, together you'll get somewhere. Yet loyalty in itself is not enough. Loyalty will get you a job, and keep you there, but it won't get you a better one. Intelligence and hard work are also necessary.

Intelligence is what makes you rise in the world, and what tells you that, on the one hand, loyalty is necessary, and, on the other, hard work is too. Yet intelligence just

by itself is more of a curse than an asset. The stupid man dies in the job he acquired as a youth. The merely "bright" one moves from job to job, convinced that no one appreciates him. He begins as a nuisance to himself, and ends as a nuisance to everyone else. Brains without character are about as dangerous a gift as a man can have. They are much more likely to land him in jail than anywhere else.

It is the combination, loyalty, brains and hard work, that counts. And don't forget that everyone has to begin somewhere, and that work is only as menial as you make it, and that no honest labor is dishonorable.

Most of us remember the famous lines in Pinafore where the singer attributes his success to the fact that as an office boy he "polished up the handle of the big front door, and polished it so care-ful-ee, that now I'm the ruler of the Queen's nav-ee." As in most of Gilbert's lyrics, satire hides a fundamental truth.

"The big front door" still opens to the right knook. Neither injustice, discrimination nor monopoly has ever been able to close it for long. The trouble is most people pass it by, or, seeing it, seek a short cut, armed with burglar tools, through the second story.

It's a pity each new generation has to learn the facts of life for itself. It's a pity so much good material is always wasted in the effort. And, above all, it's a pity that the gigantic folly of war invariably upsets all values, so that, for a while, black seems white, and white seems black, and the truth seems foolish and outmoded.

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PERSONAL ITEMS

The Los Angeles offices of the Division of Oil & Gas have been moved from the Bankers Building to 1015 W. Olympic, Los Angeles 15. The telephone number remains TRINITY 5191.

James Boyd, brother of Lewis Henry "Bill" Boyd, has been appointed by President Truman as director of the Federal Bureau of Mines.

The California Institute of Technology announces the appointment of Dr. Robert P. Sharp of the Univ. of Minnesota as Professor of Geomorphology in the Division of Geological Sciences. Dr. Sharp will take up his duties on Sept. 1, 1947

The summer months are approaching and some of the enterprising members are well prepared - Glauco Leach, John May, and Roy Tallant plan an extended tour of the Rocky Mtn. region -- equipped with jeep and fly rod.

Harold Fothergill and Eugene Borax prefer trolling in the Washington waters.

Capt. Victor Wilhelm will leave Huaname on a Navy vessel early in the summer to visit Point Barrow and Naval Pet. Reserve No. 4. While there he will review the work of Hoover, Curtice and Ruby who have conducted an exploratory program in this area for the Navy.

Harry Sprague has left Bakersfield on a business trip to take him through England, Europe, and Egypt. Mrs. Sprague is accompanying him.

Dana Dietrick, Shell Oil Co., has returned from Wyoming and is now in the Land Department, with headquarters in L.A.

Ed Lemmers has been transferred to the Taft office of Standard Oil Co. and is now commuting week ends.

Joe Show is now in Abilene, Texas on a Capital Co. wildcat.

Grant Corby returned to the Philippines about the first of the year and Bob Wells expects to leave soon to do the engineering on a Capital Co. well to be drilled there.

Frank Kratka has left T.W. A. Ventura office to accept a position with the Union Pacific at the Rangely field.

Melvin Levett, formerly with Lane-Wells in Los Angeles, is now employed by California Research located at Santa Fe Springs.

Bill Wrath has left the Geological Department of British American Oil Co. and is now associated with the Bolsa Chica Corporation in Los Angeles

Jack Elam, formerly in the offices of Stanley & Stolz is now employed in the Geological Department of the Richfield Oil Co., working out of the Long Beach office.

Robert C. Lindsay will leave Los Angeles April 10 for an assignment in the Rocky Mountains.

Bob White is reported to be recovering after a recent siege in the hospital and will be back on the job soon.

Doyle Graves, formerly with Amerada, is now employed by Union Oil at Dominguez where he will be working on sub-surface problems with Al Woodward.

John Kilkenny has purchased a home and moved his family from Bakersfield to Alhambra.

The convention got off to a spirited start when a delegation met the Special at San Bernardino. A couple of sidelights on this trek cannot go unheralded. Louis Chappuis all rigged up in a Western costume including sombrero and guns approached the meeting place at 5 a.m. Police were baffled and disbelieving, picked up Louis, and took him to the local bastille where he had to call in the aid of Mrs. Chappuis and a lawyer to effect a release.

Bill Pemberton got signals crossed and was waiting on the same corner - 24 hours late - 5 a.m. Monday morning.

The San Marino school, Father's night performances April 8-12, will find Cliff Johnson, Donuil Hillis, Curtis Johnson, and Carl Gerdes in outstanding roles.

It seems quite evident that spring has arrived, with Richfield and Gulf undertaking a joint venture. Melvin Hill of Gulf as operator, marrying the charming Richfield secretary, Daphne Langston.

W. D. "Bill" Cortright was married March 30 in Glendale to Minabel Rankio.

Wayne Elliot was married last month and two others from the Richfield Long Beach office, Ray Pearson and Charles Orcutt, will be married in April.

NEW ARRIVALS - This seems to be a month of girls,

Born to the Louis J. Regans on March 4, their fourth child and first daughter - Susan.

To the Tennant J. Brooks a first daughter, Shelley - with two older brothers.

To Mr. & Mrs. Jerry Harriss a daughter, Maureen Christena, on Feb. 26, 1947.

But here's a Boy - to Chet and Mrs. Doyle a son on March 26.

C. H. Dresbach has the following rare bulletins for sale: U. S. G. S. Bulletins 603 and 398. Anyone interested please contact Gordon Bell of Western Gulf.

Ralph Arnold, 1205 Wilson Ave., San Marino, will rent rooms to a young geologist and his wife. Telephone Sycamore 94683.

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- °Other articles of special interest

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CALENDAR

- April 7, 1947, Monday, 7:30 PM, A. A. P. G., Pacific Section Geological Forum, C. I. T., Pasadena
- April 10, 1947, Thursday, 7:00 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey
- April 11 and 12, 1947, Friday and Saturday, ANNUAL MEETING - G. S. A., Cordilleran Section, Stanford Univ., Palo Alto
- April 15, 1947, Tuesday, 7:30 PM, A. P. I., San Joaquin Valley Chapter, Bakersfield Inn, Bakersfield
- April 18, 1947, Friday, 7:00 PM, Associates of Geological and Mining Departments of Stanford University, Biltmore Hotel, Dinner Meeting
- April 21, 1947, Monday, 7:30 PM, A. A. P. G., Pacific Section Geological Forum, C. I. T., Pasadena
- April 23, 1947, Wednesday, 6:30 PM, A. I. M. E., Southern California Section, University Club, Los Angeles, Dinner Meeting

- April 24, 1947, Thursday, 7:00 PM, San Joaquin Geological Society Study Group, Room 10, Library Building, Kern County Union High School, Bakersfield
- April 25, 1947, Friday, 6:00 PM, Northern California Geological Society, Engineers' Club, San Francisco
- April 28, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Los Angeles
- May 1, 1947, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Mezzanine, Clark Hotel, Luncheon Meeting
- May 5, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles
- May 8, 1947, Thursday, 7:00 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey
- May 19, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles
- May 20, 1947, Tuesday, 8:00 PM, A. P. I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill
- May 20, 1947, Tuesday, 7:30 PM, A. P. I., San Joaquin Valley Chapter, 11-C Meeting Hall, Standard Oil Camp, Taft
- May 21, 1947, Wednesday, 7:30 PM, A. P. I., Coalinga - Kettleman Chapter, Club Polvadero, Coalinga
- May 23, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Los Angeles

GEOLOGICAL FORUM

- Monday, April 7, 1947, 7:30 PM sharp
155 Arms Laboratory, Calif. Inst. of Tech., Pasadena
- The World Oil Situation - A. A. Curtice of Hoover, Curtice and Ruby
Some Recent Mid-Continent Techniques
W. D. Lewis, General Petroleum Corp.
Geology of Los Sauces-Rincon Creeks Area
Lowell R. Redwine, Honolulu Oil Corp.
Observations in Manchuria
J. P. Hurndall, Consultant
- Frank B. Carter, Chairman this Meeting
- Monday, April 21, 1947, 7:30 PM sharp
155 Arms Laboratory, Calif. Inst. of Tech., Pasadena
- Observations on Trip to Southern Tip of Lower California
J. R. Pemberton, Consultant
Seismic History of the Los Angeles Basin
Prof. Charles F. Richter, C. I. T.
Notes on Stratigraphy in Eastern Ventura Basin
Prof. Richard H. Jahns, C. I. T.
- William D. Lewis, Chairman this Meeting

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LOS ANGELES, CALIFORNIA.

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Vol. 1 - No. 4

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION
AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

May 1947

Number 5

ASSOCIATION ACTIVITIES

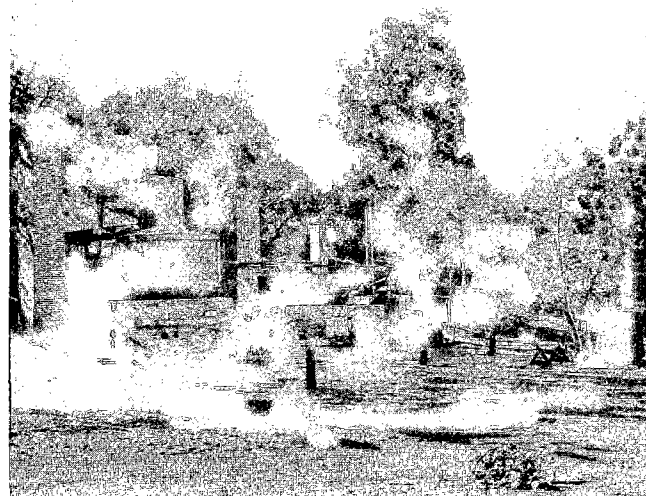
The date for the A.A.P.G. Annual Spring Picnic is set for Friday, May 23, and Saturday, May 24. Arrangements are in charge of Harold Rader, Standard Oil Company, assisted by Herb McMaisters, Honolulu Oil Corporation. H. B. "Rats" Rathwell is in charge of the "beer department". Ingredients for the latter will be furnished through the courtesy of McCullough Tool Company and Lane-Wells Company while Kern County Land Company will generously donate half a beef which will be cooked in Bakersfield and then brought down here. At the present time there are openings for Mexican chefs to take care of the chili beans and volunteers are needed for clean-up duty. Incidentally, the location is the same old spot—Standard Oil Company's picnic grounds in Pico Canyon. It is rumored that "Dutch" Matter will defend his horseshoe pitching championship(?).



The annual meeting of the G.S.A. Cordilleran Section was held at Stanford University April 10, 11 and 12. The attendance was good, estimated at close to 300. Many Washington and Oregon geologists made the trip down. The A.A.P.G. Pacific Section was represented although not in so full force as usual due to the proximity of this meeting to the National Convention. There were many interesting papers and the meet was concluded with a LeConte Club dinner attended by 202 members and guests.

Dr. A. I. Levorsen and Dr. James Gilluly, President and Vice President, respectively, of the G.S.A., attended the national G.S.A. meeting in New York. Dr. Gilluly will succeed Dr. Levorsen as president next year.

The U.C.L.A. petroleum geology lectures are progressing very favorably and the response has been excellent. Foremost authorities on every subject have consented to speak and every



Newhall Oil Refinery first constructed in 1876, the first commercial oil refinery in California. This refinery after having lain in ruins for many years has been restored to its original condition by the Standard Oil Company of California as a memorial to the pioneers of California's Oil Industry. (Photo by courtesy of the Standard Oil Company of California.)

phase of the oil business that concerns a geologist is being covered. The next two talks will be given by J. J. Jakoaky, on the subject of "Geophysics". Sam Stewart, who is responsible for getting these lectures underway, says that if the students are getting as much out of it as he is, the venture is assuredly a success.

The forum meetings are becoming more popular than ever. The attendance at the April 21 meeting was over 150, a new record.

A meeting of the Stanford Associates of the School of Mineral Resources was held recently. The principal speaker was Dr. A. I. Levorsen, Dean of the School of Mineral Resources. "Red" Aubert is chairman of the organization.

Due to an oversight, the S.E.P.M. and S.E.G. were omitted in the last write-up of the A.A.P.G. National Convention. It should be pointed out at this time that these two organizations contributed a great deal to the success of the meeting and should be given proper credit for doing so.

The April meeting of the S.E.P.M. was held Friday, April 25, at U.C.L.A. A good turnout was on hand to participate in a group discussion of the papers presented at the convention on the subject of "Marine Sedimentation". Dr. R. W. Clark, Chief Geologist of Western Gulf Oil Company, gave a talk on "The Need for Stratigraphic Specialists in Oil Geology". Dr. U. S. Grant, of the U.C.L.A. faculty, spoke on the subject of stratigraphy.

The last S.E.P.M. meeting of the year will be held Friday, June 6, at U.S.C. (See Calendar for details.) An informal symposium will be held on the subject of "Environmental Significance of Fossils' Occurrences or Ecology". Authorities on megafauna, microfauna and flora will be invited to supervise the discussion. There will also be a talk by a faculty member of the U.S.C. geology department. This meeting will take the place of the annual meeting which is usually held in Bakersfield. On the following day, Saturday, June 7, a field trip is scheduled. The exact itinerary is still in the process of formulation, but the main purpose will be field observation of recent processes of sedimentation along

the coast and the study of ecology of marine organisms. The trip will include a visit to a marine aquarium or a marine biological station. The trip will be topped off with a picnic.

John Hazzard announces that the A.A.P.G. - S.E.P.M. - S.E.G. field trip guidebooks are still available, but are going fast. An average of from two to three a day are being sold. Anyone interested in purchasing one should contact John at the Union Oil Company's office in Los Angeles.

Speaking of guidebooks, Bill Kew has a number of International Geological Congress notebooks left over from the convention of a number of years ago. Bill has been selling these at fifty cents a copy. These may be obtained here in Los Angeles from Cliff W. Johnson, Secretary-Treasurer of the Pacific Section A.A.P.G.

No-A.A.P.G. luncheons will be held during the months of July and August.

The Northern California Geological Society on April 25th turned out to hear Carlton Hulin discuss "Geology of Southwestern China" with a very handsome collection of kodachromes to boot, and listened to Glenn Marks of Stanford hold forth on "The Geology of Western Ecuador."

Honolulu Oil Corporation will hold their annual field picnic at the Tejon Ranch grounds at Lebec on the Ridge Route on May 31st all day.

PERSONAL ITEMS

Dr. John P. Buwalda will retire as chairman of the division of Geology at Caltech July 1st and Dr. Chester Stock will assume the duties of head of that division. Dr. Buwalda will continue in his capacity as professor of geology, and hopes to find time to complete his research projects in structural geology.

Some of your friends have recently been on the move, transferred, or soon will change the locale of their operations.

Earl Noble has just returned from a trip to Mexico where he visited some of the areas he had worked 20 years ago - traveling then on muleback - this time by automobile on good fast roads.

Bill Greenwalt has been transferred from Santa Maria and is now in the Union Oil Co. Dominguez office working on subsurface problems in the L.A. Basin.

Jerry Harriss, Standard of Calif., will leave for Arabia about June 1.

David Sears, Shell Oil, has recently returned from duty in Oregon and is now in the Los Angeles office.

Jack Cooper has left Wilshire Oil Co. to accept a position with the Bureau of Reclamation, and is located in Denver.

John Thomas of Standard's Rio Vista drilling department is in Washington State, supervising drilling of the Standard Alderwood Comm. #1

D. J. Pickrell, formerly geologist for Honolulu Oil Corp., and more recently with the Navy, is now a partner in the Golden Gate Petroleum Company of San Francisco.

George M. McLeod and Henry H. Helkilla, ex-G.I. students at Stanford, will do field work this summer for the Honolulu Oil Corp.

Frank Morgan is traveling in Australia, accompanied by Mrs. Morgan.

M. G. Smith has returned to Standard's geophysical office in Bakersfield after three years in the State of Washington.

Johnny Stephens, C.C.M.O. San Joaquin Division engineer, will be transferred May 1 to the L.A. office where he will assume the duties of Assistant Chief Engineer.

Glen M. Ruby writes in that he has again taken up legal residence in the U.S. and plans to spend most of his time on his farm at Seymour, Iowa.

William Merrill, formerly with Associated at Ventura and later with South Mediterranean Petroleum in Egypt and Richmond Petroleum in Venezuela has joined Standard's Los Angeles District organization.

E. M. Butterworth, old-time District Geologist for Standard in Los Angeles is now president of American Overseas Corporation and has recently returned to San Francisco from an extended trip in the Netherlands East Indies.

W. E. Heater, also of Standard's Southern District some years ago is now established in the Hague office of American Overseas Corporation.

Bill Barbat was recently elected a Fellow of the Geological Society of America.

Wm. K. Barker has left Amerada Pet. Corp. and is now in the antique furniture business in Hollywood.

R. E. "Scotty" Greene offers fishing information to any potential Rocky Mt. travelers. He will gladly contribute Union Oil Co.'s time and "Scotty" Greene's knowledge of where to go and how to get them. TUCKER 7211.

J. B. "Jimmy" Anderson, Continental Oil, vacationing - last heard of at the Guastl Winery.

Lee Jordan, formerly with Wilshire Oil, has accepted a position taking him to the Bahamas. He is now located at Nassau.

Tony Morris has been transferred from Los Angeles to Bakersfield General Petroleum office.

Eddie Coenen completed his "schooling" tour of Socony-Vacuum installations in the States and may now be addressed M.K.P. M., Palembang, Sumatra, where he has taken up the duties of Standard-Vacuum Chief Petroleum Engineer, Dutch East Indies.

There isn't space to do the story justice, but don't fail to ask Russ Simonson for details about the fish that carries a club and other experiences on Refugio Creek.

The population has been increased by five mentioned below:

BORN to Mr. & Mrs. Robert T. White a third son, Richard Alfred, April 25.

To Mr. & Mrs. Steve Davies, a first child and son, Norman F. April 6, in Cuba, where Steve is working for Gulf.

To Mr. & Mrs. Al Kerr, another first, and a daughter, Laurelyn, April 13, in Bakersfield.

To Mr. & Mrs. Dan Klamms a second daughter, Gail Leone, in Taft.

To Mr. & Mrs. Ed Lammers, a daughter, Maribelle, April 25 in Los Angeles.

Recent brides and bridegrooms include -

Fred Green, T.W.A. Bakersfield, to Rheba Smith of San Francisco.

Ed Bowman, Standard Oil, Taft, to Julie Hall, also of Standard at Taft.

Ken Ward, Standard Development scout, Taft, to Cristine Meary of Merced.

Esther S. Johnston, geological assistant with Bankline Oil and Robert M. Sturman of Phoenix, Ariz. Mr. & Mrs. Sturman will make their home in Phoenix.

Temporarily down for repairs are -

Ed Lammers, Standard Oil, in the Good Samaritan Hospital, recovering from an attack of pneumonia,

Walt Crown in the Methodist Hospital, following a gall stone operation.

Bill Wrath in St. Johns Hospital, Santa Monica, with a recurrence of a past stomach failure.

Walt Elliot is taking it easy at home after a bit of pump trouble.

Cliff Johnson reports to the Huntington Memorial next week and will probably sit out the month of May.

To the following NEW members of the Pacific Section - a sincere welcome!

Walter D. Abel, State Division of Corporations, State Bldg., Los Angeles.

EXECUTIVE COMMITTEE, PACIFIC SECTION
American Association of Petroleum Geologists

Martin Van Couvering	President
W. P. Winham	Vice-President
Clifton W. Johnson	Secretary-Treasurer
E. Robert Atwill	Past-President
John E. Kilkenny	Representative, San Joaquin Geological Society
Elmo W. Adams	Representative, San Francisco Bay Region

PACIFIC PETROLEUM GEOLOGIST

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Editor:	Loyde H. Metzner
Assistant Editors:	
Calendar:	R. S. Ballantyne, Jr.
Activities:	John E. Kilkenny
Personal Items:	Peter H. Gardett
Selected Bibliography:	Robert T. White
Printing and Circulation:	Hugh W. McClellan
San Joaquin Representative:	Herman W. Weddle
San Francisco Representative:	William B. Beatty

Next deadline: May 26, 1947

Tom Baldwin, Texas Co., now our lone member residing in Paso Robles.

Lawrence E. Porter, Richfield research engineer, located in Los Angeles.

Charley Prewett, Shell Co. Long Beach.

R. L. "Bob" Anderson, C.C.M.O. Co., Los Angeles.

George Feister, Union Oil Co., Orcutt.

Manuel Mayuga, L.B.O.D., Wilmington.

The Pacific Section now has a total of 362 paid up members for this year.

As reported in the April issue of the Bulletin, a limited number of copies of the National Convention Field Trip, GUIDE BOOK are available and may be obtained from J.C. Hazzard, Union Oil Co., 617 W. 7th St., Los Angeles Price \$2.65 postpaid. Make checks payable to J. C. Hazzard.

To: The Volunteer Associates in Petroleum Geology of the California Institute of Technology

The ending of the winter term at the California Institute has brought to a most successful conclusion an "experiment" in which the Pacific Section of the American Association of Petroleum Geologists, the California Institute of Technology faculty, and you in particular have all been most interested. It was an experiment to which each one of you has made a time-worthy contribution.

Experiments in education can neither be so precisely judged nor so promptly evaluated as can an experiment in a physics or chemistry laboratory. The effect of an educational experiment may be far-reaching, but the distance and the trend of the "reach" cannot at once be determined. Nevertheless from the point of view of this faculty and of our current crop of geology students, the experiment of this past term has undoubtedly been worth-while. It was an experiment that put an extra load upon busy professional men, and it is not perhaps an experiment that should be too frequently repeated because by so doing it would place excessive demands upon men whose major interests necessarily lie elsewhere. Nevertheless at this particular juncture in American education, with the shortage of scientific personnel brought about by the war and the need of relieving this shortage as promptly as is consistent with good technical training, and also because of the relatively greater maturity in years and in experience that the current GI student possesses, the opportunity to hear and to meet and to discuss problems with mature professional men was foreordained to succeed.

To all of you who contributed to this program, we (faculty and students) are most grateful. And an especial vote of thanks goes to Bill Porter and to Martin Van Couvering. Bill conceived the idea and Martin and he, together

with the other members of the "steering committee" -- E. Robert Atwill, Robert W. Clark, James R. Dorrance, Rollin W. Eokis, M. Guy Edwards, and Carroll M. Wagner -- turned the idea into a real and effective educational instrument, and did it furthermore on extremely short notice. I sincerely hope that some day someone of these petroleum students will be working for you or for your company and that he will bring in a gusher, or discover a new zone, or save a well, as the result of information you gave him, or a train of thought you started for him at the CIT petroleum geology class long ago!

Our warmest thanks to each and all of you for the cooperation you have given and the job you have done.

Cordially yours,
Ian Campbell, Associate Chairman
Division of the Geological Sciences

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- May 1, 1947, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Mezzanine, Clark Hotel, Luncheon Meeting
- May 8, 1947, Thursday, 7:00 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey
- May 12, 1947, Monday, 7:30 PM, A. A. P. G., Pacific Section Geological Forum, Chemistry Bldg., U. C. L. A.
- May 13, 1947, Tuesday, 7:00 PM, San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting
- May 13, 1947, Tuesday, 6:45 PM, Geological Society of U. C. L. A., Mona Lisa Restaurant, Los Angeles, Dinner Meeting
- May 15 and 16, 1947, Thursday and Friday, A. P. I., SPRING MEETING, Biltmore Hotel, Los Angeles
- May 20, 1947, Tuesday, 8:00 PM, A. P. I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill
- May 20, 1947, Tuesday, 7:45 PM, A. P. I., San Joaquin Valley Chapter, 11-C Meeting Hall, Standard Oil Camp, Taft
- May 21, 1947, Wednesday, 7:30 PM, A. P. I., Coalinga - Kettleman Chapter, Club Polvadero, Coalinga
- May 21, 1947, Wednesday, 7:00 PM, San Joaquin Geological Society, Room 10, Library Building, Kern County School, Bakersfield



- May 23, 1947, Friday, 4:30 PM, A. A. P. G., Pacific Section, ANNUAL SPRING PICNIC, Pico Canyon Picnic Grounds. Dinner served at 6:00 PM. Breakfast will be served Saturday morning to those spending the night.
- May 25, 1947, Friday, Northern California Geological Society, Sacramento
- May 26, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Bldg., Los Angeles
- June 4, 1947, Wednesday, 6:30 PM, A. I. M. E., Southern California Section, University Club, Los Angeles, Dinner Meeting
- June 5, 1947, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Mezzanine, Clark Hotel, Luncheon Meeting
- June 6, 1947, Friday, 7:30 PM, S. E. P. M., Room #108, Hancock Hall, U. S. C., Informal Symposium. A Saturday Field Trip is scheduled - date to be announced later.
- June 10, 1947, Tuesday, 7:00 PM, San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting
- June 12, 1947, Thursday, 7:00 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey
- June 18, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles

- June 17, 1947, Tuesday, 7:45 PM, A. P. I., San Joaquin Valley Chapter, Bakersfield Inn, Bakersfield
- June 20, 1947, Friday, 6:00 PM, Northern California Geological Society, Engineer's Club, San Francisco
- June 23, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Bldg., Los Angeles
- June 26, 1947, Thursday, 7:00 PM, San Joaquin Geological Society Study Group, Room 10, Library Building, Kern County Union High School, Bakersfield

PACIFIC PETROLEUM GEOLOGIST See. 5 6 2
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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

June, 1947.

Number 6

ASSOCIATION ACTIVITIES

A lot of fun was enjoyed at the A.A.P.G. Annual Spring Picnic May 23 and 24 with an official count of 183 paid admissions, according to Gateman Harvey Lee, who claims he was in condition to make an accurate tally. Committeemen and late arrivals swelled the total to better than 200 before the evening was over. Hungry geologists consumed an excellent barbecue dinner and made heavy inroads on a copious beer supply furnished by Lane-Wells, McCullough, Schlumberger, M. O. Johnston and Eastman. Horseshoe pitching honors were shared by Tom Fitzgerald, Jack Beach, Bert Thatch and Jim Kimble(?), who successfully repelled all challengers. Festivities continued into the early hours of the morning with sessions of poker and galloping dominos. The hardier souls concluded the outing with a good old fashioned rancho breakfast the following morning. Credit is due Harold Rader and his assistants for a very successful and enjoyable affair. Note: Anyone missing a twenty dollar bill, please contact "Rats" Rathwell.

Another annual picnic, the San Joaquin Valley Scouts' barbecue, was held May 17 at the Shell Oil Company's Kern River picnic grounds. This event has grown in popularity since its inception in 1938 and was attended by scouts and geologists from all over the state. In contrast to other sections of the country, practically all California oil scouts are A.A.P.G. members.

The U.C.L.A. Geological Society held its annual dinner the evening of May 13 at Mona Lisa Cafe. Harold Hoots acted as toastmaster for the occasion, the purpose of which was to acquaint the students with geologists in the petroleum industry. The main speakers were Bill Winham, Standard Oil Company, Bob Clark, Western Gulf Oil Company, Martin Van Couvering, President of the Pacific Section, representing the industry, and Dr. James Gilluly, Chairman of the Department of Geology at U.C.L.A. Also, a few words were heard from the chief geologists of the various oil companies, in addition to Frank Morgan, Vice President of Richfield Oil Corporation, and Dr. J. J. Jakosky, past president of S.E.G.

Activities in the Bakersfield sector included a San Joaquin Valley Geological Society dinner meeting on May 13 at which a geophysical symposium was held reviewing the case histories of the Ten Section, Coles Levee, Canal and Raisin City fields. These papers had previously been presented at the national convention by Joe Waterman, Joe LeConte, Rick Shoemaker and John Sloat, respectively. The next meeting, on June 10, will be addressed by Dr. James Gilluly, who will speak on the general subject of structural geology.

In the last issue of the "Pacific Petroleum Geologist", a letter was printed from Dr. Ian Campbell to the Volunteer Associates in Petroleum Geology of the California Institute of Technology. The names of the men who delivered the lectures for the petroleum geology course were unintentionally omitted and we would like to list them at this time: Tom

Bailey, Ed Bartosh, L. W. Chasteen, Robert W. Clark, Stanley C. Herold, Aden W. Hughes, Luis E. Kemmitzer, John E. Kilkeny, Claude E. Leach, W. W. Porter, II, W. Tempelaar-Lietz, Martin Van Couvering, Robin Willis and Walter B. Wilson.

The last S.E.P.M. evening meeting of the year was held at Hancock Hall, U.S.C., on Friday, June 6. An informal symposium was held on "Environmental Significances of Fossils". Summaries were given for phyla of commonly found fossils in the California Tertiary. Vertebrates were discussed by Dr. Chester Stock, fish by Lore David, megafauna by Harry Turver, ostracoda by Tom Rothwell, diatoms by Dr. M. N. Bramlette and foraminifera by Bill Holman. Dr. McCullough concluded the program with a talk on the work and plans of the Hancock Foundation laboratory.

The S.E.P.M. annual field trip is scheduled for June 14. The objective will be to observe first hand ecology of marine organisms and processes of sedimentation along the sea coast. The meeting is set for 9:00 a.m. at the Kerekhoff marine station at Newport. Visiting points along the south coast will include the Cabrillo Beach aquarium where discussions will be led by K. O. Emery on marine sedimentation, Harry Turver, megafauna, and Bill Holman, microfauna.

The "Pacific Petroleum Geologist" received mention in the April issue of the "Bulletin of the A.A.P.G." under Current News and Personal Items of the Profession.

GEOLOGICAL FORUM

Monday June 16, 1947, 7:00 P.M. sharp
General Petroleum Auditorium, 108 West 2nd St., Los Angeles

Some Aspects of Tidelands Drilling and Development -
Milton W. Lewis, Consultant

Operations in Saudi-Arabia - Max Steineke, Arabian American
Oil Company

Orrin W. Gilbert, Chairman this Meeting

The Pacific Division of the American Association for the Advancement of Science will hold its first major post-war meetings during the week of June 16-22 in San Diego. Headquarters will be at the U. S. Grant Hotel.

The Divisional Symposium will occupy two half-day sessions, the first of which, on Monday afternoon, June 16, will deal with selected aspects of vulcanism and seismicity, coral islands, oceanography, meteorology, and marine biology. Several members of the AAPG will be among the contributors.

On Saturday, June 21, at 9:00 A.M. there will be a Symposium on "Beach Erosion, Silting, and Dredging." This Symposium is sponsored by the Oceanographic Institute of the Pacific, the Cordilleran Branch of the Geological Society of America, and the Western Section of the Geological Society of America.

EXECUTIVE COMMITTEE, PACIFIC SECTION
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San Francisco Representative:	William B. Beatty

Next deadline June 30, 1947.
 For out-of-town correspondents June 28.

**ANNOUNCEMENT OF FORTHCOMING
 FIELD CONFERENCE IN BIG HORN BASIN**

A Field Conference in the Big Horn Basin, Wyoming, from August 4th to 8th is being sponsored by the Wyoming Geological Association, the Yellowstone- Big Horn Research Association and the University of Wyoming. These groups are inviting members of the A. A. P. G. and members of the Geological Society of America to participate. Plans are to headquarter in Cody, Wyoming. The conference will begin with a two day trip through the southern and eastern part of the Big Horn Basin on August 5th and 6th, which will be under the leadership of the W. G. A. with other sponsors assisting. The last two days will be under the leadership of the Yellowstone- Big Horn Research Association and the University of Wyoming and will feature shorter day and half day trips from Cody, with the W. G. A. assisting.

The Geological Society of America will install a Rocky Mountain Section at this time as a part of their new regional activities and will participate in the field conference.

The conference is being organized and directed by a Field Conference Committee consisting of John R. Fanshawe, General Petroleum Corporation, Casper, Wyoming, Chairman for the Wyoming Geological Association; W. T. Thom, Jr., Princeton University, Chairman for the Yellowstone- Big Horn Research Association and H. D. Thomas, Laramie, Wyoming, Chairman for the University of Wyoming.

A guide book is being prepared which will contain, beside the usual road logs, special articles on some of the producing oil fields in the Big Horn Basin and on regional problems of interest such as Stratigraphy, Tectonics, and in particular, the problems involved in the Heart Mountain overthrust. This guide book is being prepared under the editorship of C. W. Sternberg, Atlantic Refining Company, Casper, Wyoming, and D. L. Blackstone, Jr., Laramie, Wyoming, University of Wyoming.

The Conference is being assisted by the Cody Club, Cody, Wyoming, in the matter of registrations, housing and entertainment while in Cody; by the Thermopolis Chamber of Commerce for luncheon on August 5th; by the Greybull Chamber of Commerce for food and lodging the night of August 5th, and the Lovell Chamber of Commerce for luncheon on August 6th.

The Field Conference will be limited to 400 participants. Those interested in taking part are asked to communicate immediately with W. S. Knouse, Tide Water Associated Oil Company, Box 1708, Casper, Wyoming.

PERSONAL ITEMS

The U.C.L.A. Geological Department announces the appointment of George Tunell, formerly with the Carnegie Institute in Washington, as professor of mineralogy. Dr. Tunell will take up his duties with the faculty next September.

Dr. E. K. Soper will resign as professor of petroleum geology at U.C.L.A. to give his full time to the Signal Oil and Gas Co. in Los Angeles. Dr. Soper has been with the University of California for twenty-one years.

Jim Gilluly was recently elected to the National Academy of Sciences.

Construction is scheduled to start soon on a Geological Sciences Building on the U.C.L.A. campus.

Fred M. Ziegler was recently appointed as managing director of the Kern Oil Company's British West Indies subsidiary, Kern Trinidad Oilfields, Ltd. Fred has just returned from a five months trip taking him to Trinidad and London.

Vic King, General Petroleum, has been transferred from Sacramento to Casper, Wyoming.

Ben Lupton, General Petroleum, after some eight years residence in Bakersfield, has been transferred to Sacramento.

Jacques Gallois of Schlumberger has left Bakersfield on a long postponed visit to France. Milt Loy is carrying on in Mr. Gallois' absence.

Bob Dunlap, Geophysical Service Inc., has opened a district office at 126 Hay Building, Bakersfield.

Bob Anderson of C.C.M.O., will join the staff of Geophoto Inc. Denver, about July first.

Steve Stroud has left for South America, where he will be associated with The Texas Company's Colombian operations.

Vince Vandiver, Seaboard Oil, has left on an extended trip to the Rocky Mountain area.

Douglas Traxler, recently of U.C.L.A., is now employed in the Geological Department of Signal Oil and Gas Co. in Los Angeles.

Jack Knight has accepted a position with British American in Los Angeles.

Russ Simonson, Ohio Oil Co., has moved from Santa Barbara to Reseda, California

Jim Arthur, Shell Oil Co., transferred from Ventura to Los Angeles.

Clifford Church of Tide Water's San Francisco staff is currently teaching micropaleontology to the corps of replacements at Stanford.

CALENDAR

Harry A. Godde of Signal Oil & Gas Company is spending the first week of June in Yosemite.

Lewis H. (Bill) Boyd has accepted a position as manager of the gravity-meter division of Western Geophysical Company, Tulsa. He formerly was with Brown Geophysical Company in Houston.

Dr. G. D. Hanna of Tide Water Associated Oil Company and California Academy of Sciences has departed for two months vacation in Alaska, where he will follow his hobbies of collecting birds' eggs and fishing.

L. A. Cranson has been elected executive vice-president of Honolulu Oil Corporation, a new office in the company.

Elmo W. Adams of Honolulu Oil Corporation is also vacationing in Alaska.

Earl Armbruster transferred from Bakersfield to the Long Beach office of the Shell Co.

Lee Osborne also of the Shell Co., has been transferred to the Bakersfield office.

Ed Bowman, Standard Oil Co., has returned to Harvard where he will work toward his Ph. D.

Kit Carson, Tide Water Assoc., invites his friends to drop in to his new "paleo lab" when in Ventura.

An article in the April 19 Post mentions the work done by Bart Gillespie and Wm. T. Foran on the Navy's Alaskan Petroleum Reserve.

The San Joaquin Geological Society is making great claims for its newly organized softball team - heard the names of Don Davis and George Roth mentioned in this connection.

Irvine Frazier, Texas Co., recently left for Atlantic City to attend the Shrine convention.

John Curran, General Petroleum, has been laid up briefly with an appendectomy.

Found Saturday morning at Pico Canyon - one \$20 bill, which will be surrendered to the owner on positive identification. "Rats" Rathwell, the finder, reports that this definitely is possible. So far there are four contenders. All claims such as "I lost one" or "its mine" are not acceptable. Vic Barlow also reports finding four bits.

NEWLY WED -

Harold Fothergill, Union Oil, to Grace Maple on May 3rd.

NEWLY BORN *

To Mr. & Mrs. Vic Church, Shell Co., Bakersfield, a daughter, Charlotte, May 11th.

To Mr. & Mrs. Bob Johnston, General Petroleum, Taft, a son, Lawrence Robert.

To Mr. & Mrs. Robert Herron, C.C.M.O., Bakersfield, a daughter on May 18.

SOME TREASURER !

While confined to his bed, following a recent operation, our indefatigable treasurer, Clif. Johnson, sent out gentle reminders which resulted in his garnering ninety additional dues, bringing the total to 451 paid-up members--an all-time high. He expects to bring it to 500 before the fall convention. How about giving him a hand?

June 5, 1947, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Mezzanine, Clark Hotel, Luncheon Meeting

June 6, 1947, Friday, 7:30 PM, S. E. P. M., Room #108, Hancock Hall, U. S. C., Informal Symposium

June 10, 1947, Tuesday, 6:30 PM, A. I. M. E., Southern California Section, University Club, Los Angeles, Dinner Meeting

June 10, 1947, Tuesday, 7:00 PM, San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting

June 12, 1947, Thursday, 6:30 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey

June 14, 1947, Saturday, 9:00 AM, S. E. P. M., Field Trip, Meet at Kerckoff Marine Station, Newport Lagoon

June 16, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Auditorium, General Petroleum Building, Los Angeles

June 16, 1947, Monday, 1:00 P.M., Amer. Assoc. for the Advancement of Science, Pacific Division, U. S. Grant Hotel, San Diego, Symposium.

June 20, 1947, Friday, 6:00 PM, Northern California Geological Society, Engineers' Club, San Francisco

June 21, 1947, Saturday, 9:00 A.M., Amer. Assoc. for the Advancement of Science, Pacific Division, U. S. Grant Hotel, San Diego, Symposium.

June 23, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corporation Building, Los Angeles

June 26, 1947, Thursday, 7:00 PM, San Joaquin Geological Society Study Group, Room 10, Library Building, Kern County Union High School, Bakersfield

July 10, 1946, Thursday, 6:30 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey

July 14, 1947, Monday, A. P. I., Coastal Chapter, Ventura

July 21, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles

July 28, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corporation Building, Los Angeles

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- PACIFIC PETROLEUM GEOLOGIST** See- 5 6 2
PACIFIC SECTION, A.A.P.G. P. L. & R.
ROOM 1116
811 WEST 7TH STREET,
LOS ANGELES, CALIFORNIA.
RETURN POSTAGE GUARANTEED
- Rollin Eckis
555 S. Flower Bm 430
Los Angeles 13

PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

July, 1947.

Number 7.

ASSOCIATION ACTIVITIES

The series of talks concerning practical phases of the oil business which were given at the University of California at Los Angeles under the auspices of the U.C.L.A. Geological Society have been concluded. This innovation, instigated by Sam Stewart with the help of Dick Ballantyne, Ted Bear, Jim MacMillan and Fred Vandenberg, was enthusiastically received by the students and most of the meetings were well attended. Others who made valuable suggestions in setting up the program were Bill Winham, Rollin Eckis, Bob Clark, Harold Hoots, Clifton Johnson and Martin Van Couvering. Unfortunately, due to limited time, five of the talks which were scheduled had to be eliminated. The talks presented are as follow, in chronological order:

Mr. Frank A. Morgan	"The Petroleum Industry"
Mr. Earl B. Noble	"Organization and Operation of the Geological Department of an Oil Company"
Mr. Reginald Keans	"Land and Legal Departments"
Mr. "Ham" Bell	"Drilling Practice"
Mr. A. W. "Bob" Gentry and Mr. Bill Inskip (Eastman Surveys)	"Directional Drilling"
Mr. Bob Ford	"Electric Logging"
Dr. J. J. Jakosky	"Magnetic and Gravity Surveys"
Dr. J. J. Jakosky	"Reflection and Refraction Seismograph"
Mr. MacCarlyle (Int. Cementers)	"Casing Programs and Cementing Procedures"
Mr. Ray Hancock (Lane-Wells)	"Radioactivity Logging"
Mr. Manley L. Natland	"Role of Micropaleontology in Subsurface Geology"
Mr. Paul Paine	"Evaluation of Oil Properties".

On May 22, Professor Misch, of Stanford University, gave an interesting lecture on the "Geology of Southeastern Asia", at U.C.L.A.

The Classification Committee has just completed a revised list of California oil field and pool names and, in addition, a list of California gas field names. These names are officially used now by the Conservation Committee (formerly the Oil Empire's office). This list should eliminate much of the confusion and duplication of names that has existed in the past. Frank Carter is chairman of this committee, ably assisted by R. D. "Pat" Patterson, T. J. Fitzgerald, E. H. Rader and E. L. McDowd. Copies may be obtained from Frank Carter, of General Petroleum Corporation.

We would like to mention that the A.A.P.G. - S.E.P.G. - S.E.G. guide books are still available for those who missed the convention. Contact John Hazzard, of Union Oil Company, if you are interested in obtaining a copy. Price \$2.00.

Parker D. Trask, formerly of the U.S.G.S. at Fresno, is now Supervising Geologist with the State Division of Mines at San Francisco. He will be assisted by Lauren Wright, also from the U.S.G.S. and recently studying at California Institute of Technology, and by C. W. Chesterman, who has been teaching at San Francisco Junior College. Olaf Jenkins, former Supervising Geologist, is now State Mineralogist.

Northern California Geological Society held their last meeting of the Spring at the Engineer's Club in San Francisco, on June 20. Twenty members heard Harry Turver, of the Los Angeles office of Standard Oil Company, discuss "Marine Life" and show colored movies thereon.

Plans are being made for the 24th annual A.A.P.G. (Pacific Section) - S.E.P.M. - S.E.G. convention. Harvey W. Lee has been appointed general chairman, James C. Kimble, program chairman, and Robert T. White, program sub-chairman. Other committee chairmen will be chosen later. Arrangements have been made to hold the convention at the Huntington Hotel, in Pasadena, instead of the Ambassador Hotel as has been the custom in the past. The date will be Thursday and Friday, November 6 and 7, 1947. Technical papers will be presented on both days in the Auditorium and Mirror Room. A luncheon will be held on Thursday and the usual dinner dance Friday evening.

A joint A.A.P.G. - S.E.P.M. field trip is being contemplated this summer with an overnight stop at Santa Barbara. It is planned to have a dinner meeting at which the next day's trip will be previewed along with several other papers. Bill Corey and Martin Van Couvering will be glad to receive any comments as to when or where this trip should be.

The U.S.G.S. will soon release a paper of interest to petroleum geologists in the Los Angeles Basin area. The title is, "Summary Statement of Ground Water Conditions and Saline Contamination Along the Coast of Orange County, California". Author is J. F. Poland, District Geologist of the U.S.G.S., Ground Water Division, with an introductory statement by Vernon C. Heil, President of the Orange County Water District. Date for release is September 15, 1947.

A.A.A.S. CONVENTION AT SAN DIEGO.

The Pacific Division of the American Association for the Advancement of Science held its twenty-eighth annual convention in San Diego during the week of June 16 to 22. Dr. Ian Campbell and Dr. H. U. Sverdrup are members of the executive committee and Dr. Dana Russell was chairman of the general committee. Dr. K. O. Emery, of U.S.C. was on the program of the opening meeting with a talk on Bikini atoll. On Friday a boat

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PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1116, 811 W. 7th Street, Los Angeles 14, California.

Editor:	Loyde H. Metzner
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Selected Bibliography:	Robert T. White
Printing and Circulation:	Hugh W. McClellan
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Next Deadline July 28.
For Out-of-Town Correspondents July 26.

trip to Los Coronados Islands was attended by about 75 members. The same day another excursion visited the tourmaline mines at Pala and the observatory on Palomar Mountain. On Saturday a symposium on "beach erosion, silting and dredging", including a visit to the shoreline, proved very interesting. Several members of the Pacific Section of A.A.P.G. attended the meetings.

Those who attended the field trip sponsored by the S.E.P.M. at Newport Bay, had a most interesting day. First they were introduced to the Kerckhoff Marine Biological Institute, at the mouth of the bay, through the courtesy of its director, Dr. McGinitie, who personally conducted several groups through the laboratories. Here was an opportunity to observe live specimens of sea life which are usually familiar to geologists only as fossils. These included sea worms, holothurians, sea urchins, abalones, shrimps, etc.

The most striking exhibit was a "pistol packin' shrimp", which stuns its prey, a species of small fish, by concussion, conveyed for several feet because of the relative incompressibility of water. The concussion results from a remarkably quick snapping of the shrimp's "wrist", which caused loud reports to emit from the glass vessel in which the animals are kept for study.

Another interesting specimen is a starfish which can regenerate itself from a single arm.

Perhaps the most interesting part of the field trip was a visit to a fossil locality near the inland end of the bay, where an unusually wide variety of vertebrate and invertebrate fossils has been assembled. The paleontologists of the group made good use of the opportunity afforded for collecting.

Much credit is due Bill Corey for planning this excursion, which provided an opportunity to study sedimentation and ecology, in conjunction with each other, under the able leadership of Dr. McGinitie, Harry Turver, Bill Holman, and K. O. Emery.

PERSONAL ITEMS

The June 2 issue of the L. A. Times ran a full page picture spread on the beautification of the modern oil field. Tom Rice of Richfield Oil was much in evidence in the Long Beach Harbor picture. Inspection of the preliminary installations of this offshore project made an interesting "stop" on the recent A.I.M.E. field trip.

Tommy Fitzgerald has resigned from the Richfield Oil Corp. to accept a position with Oceanic Oil. Tommy will be located in Bakersfield.

Paul Dudley is now back with Richfield and located in Long Beach as the Los Angeles Basin district geologist.

Cliff Anderson, formerly with Pure Oil Co., has joined the geological department of C.C.M.O. to be working in the Los Angeles and Coastal areas.

C. L. Severy has left the Bureau of Mines to open a consulting office at 1770 Guinda Street, Palo Alto.

Jerry O'Brien seems to have deserted sunny California for the lures of the Golden Horseshoe in Oklahoma. Jerry is temporarily located at San Antonio.

Oliver E. Bowen Jr. has joined the staff of Munger's scouting service.

Stanislav Kriz is back with Standard Oil in Taft after having spent some time at Princeton getting his Ph.D.

Doug Hastings of Standard Oil in Coalinga recently upheld the honor of the oil industry by winning first place in the beard growing contest.

Andy Marin, previously with a subsidiary of Standard Oil of New Jersey in Colombia, is now employed by Western Gulf in the Bakersfield office.

John Olson is working for T.W.A. in Bakersfield. John spent several years in the armed forces prior to finishing his schooling at Stanford.

C. A. Bengston of Standard Oil Co. will report to S. O. Bakersfield geophysical department in the near future.

Bill Merrill, recently returned from South America, is to be Standard's resident geologist in Ventura. Bill would appreciate leads on a house to rent in Ventura vicinity.

Harry Turver of Standard Oil Co., in addition to contributing to the S.E.P.M. field trip on June 14, recently talked before the Northern California Geological Society on the subject of ecology.

R. W. Adams, formerly with Richfield in Bakersfield, is now associated with his father in the record manufacturing business.

Rollin Eckes has a new secretary, Mrs. Jeane Murphy. Mrs. Murphy has replaced Miss Grace Heckler who was recently married to Gus Holtz.

Tom Dibblee won an award for his agate collection in the Santa Barbara lapidary show.

Walt Heathman is now manager of Union Oil Company's Washington operations. Walt is located in Olympia.

Chet Cassel is in Los Angeles on a combination business trip and visit. Chet is manager of the Union Oil Company's Paraguay operations.

Jerry Winterer is assisting in the geological department of the Capital Company during the summer vacation. Jerry will continue his studies at U.C.L.A. next fall.

Clarence Newton has recently joined the Peters well logging organization. Clarence is a graduate of Occidental, had a stretch in the Navy, and followed this with graduate work at Colorado School of Mines.

Frank Carter's niece was recently married on the "Bride and Groom" program.

Duncan McNaughton of the geological staff of University of Southern California is working on a summer assignment with Western Gulf in the San Joaquin Valley.

Bob Sprinkel of Shell Oil Co. is to be transferred from Sacramento to Ventura.

Bill Kew recently flew to Reno where he addressed the University of Nevada geological department on the subject, "Organization of Exploratory work".

Gordon Jacober, formerly with Standard Oil Co., San Joaquin Division, has been appointed associate professor of geology at the University of Nevada.

Bill Barbat has transferred his residence to 78 Sonia Street, Oakland, California.

Charles D. Edwards has been employed in the geological department of General Petroleum and assigned to the Rocky Mountain Division.

Sam Fleishman has resigned from the geophysical department of Richfield Oil in Bakersfield to open a liquor store.

Fred Menken is making the rounds of the T.W.A. field parties in Colorado, New Mexico, Utah, and Wyoming.

A. I. Levorsen was recently awarded an honorary Doctor of Science degree by his Alma Mater - the University of Minnesota. Dr. Sverdrup of Scripps Institute was similarly honored at the recent commencement exercises by U.C.L.A.

Harold Rader, Standard Oil Co., will be on the inactive list for the next six weeks - about three to be spent at the Queen of Angels Hospital - the next three recuperating at home. Orrin Gilbert will handle Standard's scouting in Los Angeles during Harold's absence.

Roe Gray, formerly with General Petroleum and more recently with Socony in Venezuela was a recent visitor. Roe will soon return to South America as an economic advisor to the Venezuelan Government "on loan" from Socony.

General Petroleum Corp. Geological Department annual "fishing" trip was held at Bass Lake over the Memorial Day week-end. Al Bowie carried away all of the honors by catching the fewest fish, drinking the most whiskey, and accumulating the greatest amount of sack time.

Bob Levorsen, recently out of U.C.L.A., has gone to Mississippi with the California Company.

There doesn't appear to be any decline in this production rate - our congratulations to

Mr. and Mrs. Jim Sheller for the new daughter born June 9.

Mr. and Mrs. Dashy Bode, a first child and daughter, Lucy Burnaby.

Mr. and Mrs. Don Greenlee of the Shell Co. in Bakersfield, a son - Norman.

Mr. and Mrs. Leonard Graves of Southwest Exploration - a second daughter, in Huntington Beach.

Martin Van Couvering expects to leave for the East on July 18. He will visit Denver, Chicago, and his old home in Michigan, and return by way of Wyoming where he will attend the field conference in the Bighorn Basin.

Other Southland members of A.A.P.G. who expect to attend are E. B. Noble, Stanley Wissler, Rollin Eckis and Vernon King. These are all that have come to our attention, but there are probably others.

CALENDAR

July 10, 1947, Thursday, 6:30 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey

July 14, 1947, Monday, A. P. I., Coastal Chapter, Ventura

July 21, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles

July 28, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corporation Building, Los Angeles

August 4 to 8, 1947, Monday to Friday. Bighorn Basin Field Conference, sponsored by Wyoming Geological Association, Yellowstone-Bighorn Research Association and the University of Wyoming. Members of A.A.P.G. and G. S. A. are invited. Headquarters, Cody, Wyoming. Make reservations through W. Stanley Knouse, Tidewater Associated Oil Co., Box 1708, Casper, Wyoming.

August 14, 1947, Thursday, 6:30 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey

August 18, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles

August 25, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles

GEOLOGICAL FORUM

Monday, July 21, 1947. Due to the unforeseen illness of Harold Rader, who was to have been chairman of this meeting, we are unable to announce the program at this time. Announcement cards will go to the usual mailing list.

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

August, 1947

Number 8

ASSOCIATION ACTIVITIES

Ninety friends of the late E. Wayne Galliher have organized a memorial contribution fund to the School of Mineral Sciences at Stanford University. The purpose of this fund is to establish the Galliher Microphotograph Laboratory. The committee in charge of this fund consists of R. T. White, Chairman, E. R. Atwill, R. W. Sherman and Vincent W. Vandiver, Trustees. This is a fitting tribute to a man who contributed much to the science and economic application of geology in the short span of his life.

The Society of Economic Geophysicists has inaugurated a regular weekly luncheon meeting at Bakersfield to be held every Tuesday noon at the Bakersfield Inn. Robert Dyk, geophysicist for General Petroleum Corporation, is in charge of the meetings.

The correct membership of the Classification Committee is as follows: Frank Carter, Chairman, R. W. "Pat" Patterson, Harold Rader, Elmer Baddley and Glenn Ferguson. Martin Van Couvering and Graham Moody are ex-officio members. T. J. Fitzgerald and E. L. McDowd were incorrectly listed as members in the June issue of the Pacific Petroleum Geologist. Both were previously members of this committee.

The most recent meeting of the Geological Forum of the Pacific Section of the A. A. P. G. was held Monday, July 21, at the General Petroleum Auditorium. Paul Hayes was Chairman of the meeting. The program consisted of "Factors Influencing the Selection of Mud Fluid for Completion of Wells" by Harold Radford, Shell Oil Company, "San Juan Basin, New Mexico" by Robert Moran, and concluded by a radical departure from the ordinary with a talk by Donuil Hillis entitled "The Creation of the Universe".

There is quite a lull in Association Activities at the present time. A hasty survey reveals that about one-third of the local A. A. P. G. members are taking their vacations, another one-third have just returned from vacations and are resting up preparatory to resuming their normal duties, while the remaining one-third are making plans or are about to take off on vacation trips. When all is said and done, it is a remarkable achievement that our publication can carry on at this time.

Apologies are due Northern California correspondent Bill Beatty who was accused of failing to keep us supplied with pertinent events in the San Francisco Bay region. Bill came through with a lot of news last month and, in addition, has been furnishing Pete Gardett with some of his most choice items from time to time. Haven't heard from Bill this month, though.

As reported in the July issue of Pacific Petroleum Geologist the A.A.P.G.-S.E.G.-S.E.P.M. guide books are still available through John Hazard of Union Oil Co. The price, however, should be corrected to \$2.50 if picked up in person or \$2.65 if mailed.

The Cordilleran Section of the Geological Society of America was founded in December 1899. A committee to lay plans for observance of the Semi-Centennial has been appointed, consisting of Ian Campbell (CIT) chairman, and William C. Putnam (U.C.L.A.), and V. L. VanderHoof (Stanford). Suggestions as to how best to make this a notable occasion for Pacific Coast geology and geologists will be welcomed by all members of the committee.

Plans are being made for a joint SEPM-AAPG field trip to the Santa Barbara coastal region. The date, to be announced later, will fall between September 26 and October 10. SEPM will hold a dinner meeting at which speakers will be heard and the program for the following day will be discussed. On Saturday the joint SEPM-AAPG field trip will take participants to outcrop and fossil localities constituting a representative section of Tertiary sediments. Look for details in next news letter.

San Joaquin Valley activities have been slighted lately through failure to receive news. Regular monthly meetings are being held by the Society through the summer.

PERSONAL ITEMS

Johnny May and Otto Hacket, T.W.A. are expected back in Bakersfield soon, having spent several months in the Rocky Mtn. region.

S. R. Jeffries has been transferred from Shell's Bakersfield office to Casper, Wyoming.

George Knox, Standard's northern division superintendent of exploration, is no longer commuting to San Francisco. George is now settled in his new home in Bakersfield.

Art Drescher has left the Shell Co. in Bakersfield and has gone to Texas.

Herman Weddle, Standard Oil, is expected back in Bakersfield early in August, having spent several weeks on an assignment in Canada.

EXECUTIVE COMMITTEE, PACIFIC SECTION
American Association of Petroleum Geologists

Martin Van Couvering	President
W. P. Winham	Vice-President
Clifton W. Johnson	Secretary-Treasurer
E. Robert Atwill	Past-President
John E. Kilkenny	Representative, San Joaquin Geological Society
Elmo W. Adams	Representative, San Francisco Bay Region

PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1116, 811 W. 7th Street, Los Angeles 14, California.

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Printing and Circulation:	Hugh W. McClellan
San Joaquin Representative:	Herman W. Weddle
San Francisco Representative:	William B. Beatty

Next deadline August 30.
 For out-of-town correspondents, Aug. 29.

Tom Barnes of the Shell Oil Company, on a recent trip to the Rocky Mtns. stopped by Canon City just long enough to take part in Colorado State 30-caliber rifle matches. Tom won first place in the Rapid Fire Match, the Offhand Match, and the Aggregate for the 1947 30-caliber championship of the State of Colorado.

David Sears, also of Shell Oil Co., is now working in the Ventura Basin and has his home in Simi.

Roger "Red" Hoeger, General Petroleum, soon leaves the oil business to enter the automobile business in New Jersey.

"Pete" Woods has resigned from his position with the Seaboard Oil Company in Bakersfield.

Rod Cross has left the Hancock Oil Company to open a consulting office in Long Beach.

Lyle Smith has been transferred from Ventura to the Shell office in Sacramento.

Don Greenlee, of the Shell Company, has been transferred from Bakersfield to Ventura.

Paul Pustmuller, after 13 years service with Shell Company, has resigned and will soon leave for Wyoming where he will manage the family oil interests in the Rockies.

Bob Dyk, formerly employed by Western Geophysical, has joined the General Petroleum Geological Department and is now located in Bakersfield.

Tom Folsom has returned from South America and will be associated with the Honolulu Oil Corp.

Kenny Edwards, micropaleontologist with Standard in Taft, is scheduled to leave for Venezuela in the near future. Kenny will be associated with Richmond Petroleum while in South America.

The Texas Co. has closed its Portland geological office and moved Rex Grivetti to Taft where a new office will be opened.

Fred Sperher has recently moved his consulting offices from the Professional Building to 627 California Ave., Bakersfield.

R. L. Hewitt, T.W.A., recently presented an excellent paper based on a study of cores of San Joaquin Valley basement rocks.

Elmer Badley and family are on their annual vacation trek to Provo, Utah.

Bob Paschall, formerly with C.C.M.O., reports from his Tulip farm in Scio, Oregon, that he plans to take graduate work "in geology" at Oregon State next fall.

Cliff Johnson of Richfield Oil recently carried off the honors and some Texas Co. money when he won the jackpot on a fishing party. Cliff's winning catch was a 14# white Sea Bass.

Harold Rader and Ed Lammers of Standard Oil are both at home enjoying the rest cure. Both are reported to be doing exceedingly well on the recovery road.

Just too late for last month's letter, the Innes MacKenzie's of General Petroleum announced the birth of a son, Stephen, on July 2.

The Union Oil Company's petroleum engineers, formerly located at Santa Fe Springs, have moved to new quarters in Whittier. The new address is 205 E. Philadelphia Street, and the phone Whittier 4-2031. In addition to the Santa Fe Springs contingent, Al Woodward has transferred his office from Dominguez to the new Whittier location.

Charley Canfield, division geologist for Stanolind with headquarters in Houston, is vacationing and renewing old acquaintances in Los Angeles.

Walter English is now in Fairbanks, Alaska on a consulting job for the Navy.

Max Birkhauser has returned from New Brunswick, Canada where he has been visiting the Shell Oil Company's field parties in that area.

Carroll Wagner, Manager of the General Petroleum's Geological Department is visiting in the Northwest where he will attend the G.S.A. Rocky Mountain Field Trip. Other Pacific Section members reported to be attending this meeting include Martin Van Couvering, Rollin Eckes, Frank Morgan, Donuil Hillis and Vince Vandiver.

J. Q. Anderson, Barnsdall Oil Co. is expected to leave the Mercy Hospital in Bakersfield soon. Jack has been confined with a rather severe case of jaundice.

Captain Vic Wilhelm left Port Huensma for an extended visit to the Naval Petroleum Reserve in Alaska.

Jimmy Dean, formerly with General Petroleum and now associated with Socony in Venezuela, is vacationing and visiting friends in Los Angeles.

Ted Miles, formerly professor of Petroleum Engineering at U. S.C. plans to build a home in Santa Paula where he is currently located while superintending for Bill Gels on the latter's Bardsdale operations.

Out of the State members recently heard from include Grant Corby who may now be addressed in care of Far East Oil Development Company, Soriano Building, Manila, P.I., and Everett T. Reed of the Creole Petroleum Co. at Quiri Quire Camp, Monagas, Venezuela.

All new national members and associates living in the Pacific Coast States are urged and encouraged to take part in the Pacific Section's Activities.

Mr. and Mrs. George B. Patterson are the proud parents of a baby boy born August 4th. George is with Stanley and Stoltz.

Colonel O. F. Kotick, formerly with Tide Water Associated Oil Co. in Bakersfield, is now director of Plans Division, Office of the Joint Chiefs of Staff, Army-Navy Petroleum Board, Washington, D.C. Colonel Kotick writes that he is very much interested in our news letter.

Glenn Bowes, of Continental Oil Co., is vacationing in the Salmon Mountains of eastern Idaho.

Margaret D. Binkley has been transferred from Taft to the Bakersfield office of the Division of Oil and Gas.

CALENDAR

MEMBERSHIP AT ALL-TIME HIGH !

- August 4 to 8, 1947, Monday to Friday. Bighorn Basin Field Conference, sponsored by Wyoming Geological Association, Yellowstone-Bighorn Research Association and the University of Wyoming. Members of A. A. P. G. and G. S. A. are invited. Headquarters, Cody, Wyoming. Make reservations through W. Stanley Knouse, Tidewater Associated Oil Company, Box 1708, Casper, Wyoming.
- August 14, 1947, Thursday, 6:30 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey.
- August 18, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles.
- August 25, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles.
- September 4, 1947, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Mezzanine, Clark Hotel, Los Angeles, Luncheon Meeting.
- September 11, 1947, Thursday, 6:30 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey.
- September 15, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles.
- September 16, 1947, Tuesday, 7:45 PM, A. P. I., San Joaquin Valley Chapter, 11-C Meeting Hall, Standard Camp, Taft.
- September 20, 1947, Saturday, 7:30 PM, A. P. I., Coalinga - Kettleman Chapter, Club Polvadero, Coalinga.
- September 22, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles.
- September 23, 1947, Tuesday, 8:00 PM, A. P. I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill.
- September, 1947 — Details for a joint Pacific Section A. A. P. G. and S. E. P. M. overnight field trip in the Santa Barbara area will be announced later.

Pacific Petroleum Geologist was born just eight months ago when the editorial staff was organized and work on the first issue was commenced. Its paramount purpose still is to bring news of Pacific Section activities to members of this section and particularly to those whose jobs keep them away from the Los Angeles center of A.A.P.G. activities. Of considerable importance, however, is the fact that, through the Calendar, Association Activities and Personal Items departments, all members, whether isolated or not, are better informed of the day-to-day happenings of this and related organizations. In a class by itself, however, is the Bibliography of Recent Publications. If "fan mail" and personal conversations are to be accepted as reliable indicators, this department is read with interest not only by geologists but by executives and others who borrow the paper from our members. Similar bibliographies were formerly prepared by a few of the oil companies and this task now has been made lighter or has been eliminated.

Early in the life of Pacific Petroleum Geologist, one of our "fans" suggested that the libraries of universities and colleges in the Western States be placed on our mailing list, which suggestion was adopted and enlarged upon. Our news letter now goes regularly to each of the larger western universities and colleges in which geology is taught, to the public libraries of Los Angeles, Long Beach, Santa Barbara, Ventura, Santa Maria, Bakersfield, Taft, Coalinga, Fresno, San Francisco and Sacramento and to libraries of several oil companies which have requested a place on the mailing list. We have expanded our mailing list to include various selected libraries with a conviction that whatever benefits the profession of Petroleum Geology benefits the members of Pacific Section, A. A. P. G., and we believe that value has been created if oil company executives or the general public or any influential group become more conscious of our profession and the part it plays in the life of the civilized world.

The Officers of Pacific Section A.A.P.G. and the Editorial Staff of Pacific Petroleum Geologist are gratified by the enthusiasm with which the geological profession has greeted this monthly news letter. At its inception there seemed to be doubts in a few minds of the ability of the Section treasury to pay the bill, evidenced by numerous offers of subscription money and suggestions that the annual dues be increased. Instead, that source of worry has been minimized, due to an influx of new members. The membership of Pacific Section now totals 490, an all time high. While granting a variety of contributing factors it is probable that many members, particularly in outlying areas, have paid their dues because this news letter makes membership worth more to them now than before.

Many letters of encouragement and appreciation continue to come in, particularly from members recently transferred away from friends and things familiar. We feel especially complimented when, as often happens, a person not now a member requests permission to subscribe. Generally, the interested individual already is qualified professionally for membership in A.A.P.G. and he is referred promptly to Cliff Johnson for a membership application.

- Editor -

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- o "Oil—Its Origin and Accumulation (First of Two Parts)" by Dr. F.M.Van Tuyl and Dr. Ben H. Parker, (ibid) pp.39-44&46.
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- o "Recent Trends in Geological-Geophysical Exploration and Methods of Improving Use of Geophysical Data" by R.C. Coffin, pp.47-62.
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- o "Ancient Plants and the World They Lived In" by Henry N. Andrews, Jr. 160 ill. 288 pp. Comstock Publishing Company, Ithaca, N.Y. Price \$4.50.

GEOLOGICAL FORUM

Details for Pacific Section's Geological Forum, to be held in Los Angeles on August 18, 1947 are not complete at this time. Chairman for the meeting will be Lowell Redwine, who plans an interesting program, including a talk on geological data from water wells. Announcement cards will go to the usual mailing list.

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PACIFIC SECTION, A.A.P.G.
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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

September 1947

Number 9

ASSOCIATION ACTIVITIES

The regular monthly luncheon meetings of the Pacific Section were resumed on September 4, at the Clark Hotel in Los Angeles. The program consisted of discussions of the geology of the Big Horn basin, Wyoming and Montana, by Carroll Wagner, Vernon King and Vincent Vandiver. The recent field conference was described by King, with the aid of Kodachrome slides and maps. Vandiver's remarks were confined to the Elk Basin oil field. These talks were preceded by discussions of the forthcoming Santa Barbara County field trip by W. H. Corey and Loyde Metzner. Visitors included Chester Cassel, from South America, and Mr. Mendelsohn, formerly with Richfield Oil Company, but now a consultant. The talks were greatly enjoyed by the audience.

GEOLOGICAL FORUM

Monday, September 15, 1947, 7:00 PM sharp
General Petroleum Auditorium, 108 West 2nd St., L.A.

- "Some Remarks About the Geology of Iran"—A.K. Dashti, Former Director General of Mines, Iran.
- "New Horizons", Dr. W. N. Lacey, Dean of the Graduate School, Cal. Inst. of Tech.
- "Notes on the Geology of Oahu", Philip Walters, Field Geologist, Continental Oil Company.

Louis J. Simon, Chairman this meeting.

SANTA BARBARA FIELD TRIP

A joint A.A.P.G.—S.E.P.M. field trip and stratigraphic study of the Santa Barbara area is set for September 26 and 27. The S.E.P.M. dinner for both organizations is scheduled for 7:00 P.M. September 26 in the Fremont Room of Eaton's El Presidio Restaurant. Short informative talks will be made by Bill Porter, who will detail the stratigraphic problems of Sunray's new Orcutt-Las Flores discovery; by Wilbur D. Rankin, who will attempt to correlate Santa Barbara coastal formation names with zone and stage names; by Russ Simonson, who will direct the field trip the following day; and probably by one other expert in the geology to be traversed. Dinner, \$2.00.

Sleeping accommodations have been arranged at the Barbara Hotel, where 50 rooms have been set aside for 100 persons. Doubles are \$5.00, and twin beds \$6.00 per room. Personal reservation must be made at least one week in advance, accompanied by a deposit of \$5.00 per room. Address Mr. T. F. Buddington, Manager, Barbara Hotel, Cota and State Streets, Santa Barbara. Return postcards will be sent, to aid in making reservations.

The Saturday field trip party will leave Santa Barbara at 9:00 A.M., going west along the Coast Highway to Gaviota Pass, where the section will be examined and explained. At the top of the pass the party will turn easterly to Nojoqui Falls Park, where lunch (probably wieners, beans, buns and beer) will be served. The party will next proceed thru Solvang, where it will turn south and cross the Santa Inez Range via the Refugio Pass road. Important stops will be made, and speakers will point out details of the Santa Inez Range, the Santa Inez Fault and a nearly complete normal section from Cretaceous to the top of the Middle Miocene.

Much credit for the work and imagination expended is due Presidents Martin Van Couvering and Bill Corey of A.A.P.G. and S.E.P.M., respectively, and their committees consisting of Lowell Redwine, Russ Simonson, Loyde Metzner, Bob Williams, "Kit" Carson, "Rats" Rathwell, and Tom Dibblee Jr.

ANNOUNCEMENT

- WHAT IS IT - The Annual Joint Fall Meeting of the Pacific Section A.A.P.G.—S.E.P.M.—S.E.G.
- WHERE IS IT - The Huntington Hotel, Pasadena
- WHEN IS IT - Thursday and Friday, November 6 and 7, 1947
- ADDED ATTRACTION - Purely coincidental, U.S.C. and Stanford will "strut" their elevens at the Los Angeles Coliseum November 8.

AND HERE'S ALL ABOUT IT:

Suggestions and criticisms from many members resulted in the decision to hold the Joint Annual Fall meeting of the A. A. P. G. and affiliated societies outside the confines of Los Angeles. The Hotel Huntington, situated apart from the main business section of Pasadena, has been selected, and the management is doing everything possible to make this an outstanding meeting.

The Huntington, with its motto "Where the Sunshine Spends the Winter", is already anticipating a full schedule this Fall. The date of the meeting, November 6 and 7, is crowding the commencement of The Huntington's Winter activities. Time is, therefore, the essence and it is a MUST that reservations be made at the earliest possible moment with the hotel if you are expecting to stay there during the Convention.

Further announcement and details will be mailed later to all A.A.P.G.—S.E.P.M.—S.E.G. members together with reservation cards to be returned directly to The Huntington.

The tariff, European plan, is:

Double room, twin beds, private bath — \$6.00 per person
Double room, twin beds, connecting bath — \$4.00 per person

If at all possible, team up with somebody else and request a double room.

Meals are served at regular hours in the large dining room overlooking the terrace, but "snacks" and light lunches can be obtained in the Ship Room at all reasonable hours. The usual formal luncheon will be held in the main dining room Thursday, November 6. Tickets must be obtained sufficiently early Thursday morning to allow the hotel to make adequate preparations.

The social event of the meeting will be the annual formal dinner dance to be held Friday evening, November 7, with music by Harry Robertson's orchestra.

Program chairmen of the several societies are planning a very interesting program. The Pacific Section, S.E.P.M., will hold its customary popular evening dinner meeting on Thursday, November 6.

The important thing to remember at this time is that IF you are planning to stay at The Huntington during the convention, make up your minds NOW so that when you receive the reservation cards they may be returned promptly to the hotel, thereby preventing any disappointments.

EXECUTIVE COMMITTEE, PACIFIC SECTION
American Association of Petroleum Geologists

Martin Van Couvering	President
W. P. Winham	Vice-President
Clifton W. Johnson	Secretary-Treasurer
E. Robert Atwill	Past-President
John E. Kilkenny	Representative, San Joaquin Geological Society
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PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1116, 811 W. 7th Street, Los Angeles 14, California.

Editor:	Loyde H. Metzner
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Calendar:	R. S. Ballantyne, Jr.
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Selected Bibliography:	Robert T. White
Printing and Circulation:	Hugh W. McClellan
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San Francisco Representative:	William B. Beatty

Next deadline September 29.
For out-of-town correspondents Sept. 27.

We are fortunate in being able to have as a distinguished lecturer sometime in October, Dr. Everette DeGolyer, whose subject will be, "Prospecting for Petroleum". Dr. DeGolyer is an independent oil operator and senior member of the firm DeGolyer and McNaughton, Consulting Geologists and Petroleum Engineers, in Dallas, Texas. He was a pioneer in the introduction of geophysics into oil exploration for which he received the Lucas Medal of the American Institute of Mining and Metallurgical Engineers and the John Fritz Medal of the Founder Societies. His wide experience, both at home and abroad, qualifies him well.

Following is a report to the Executive Committee by the Committee on Disposition of Surplus Funds from the 1947 National A. A. P. G. Convention:

July 14, 1947

The Executive Committee
Pacific Section of A. A. P. G.

Attention: Martin Van Couvering, President

Subject:

Proper Use of Surplus Funds
From 1947 National A.A.P.G.
Convention

This committee, appointed by you to recommend appropriate use of the surplus funds accrued to the account of the Pacific Section as a result of the 1947 National Convention of A.A.P.G., has given consideration to the following factors:

1. The Pacific Section of A.A.P.G. is the official organization of exploration scientists on the Pacific Coast. It carries, therefore, a heavy responsibility for the advancement of the science of exploration in this district, and for the development of new ideas and cooperative projects.

2. The Pacific Section, since its organization in 1925, has lived in a hand-to-mouth fashion without adequate funds to justify the consideration of projects designed to progressively improve the opportunities and accomplishments of petroleum geology and, as a direct result, the status of this science within the oil industry.

3. Recent developments within the Pacific Section suggest that its leaders and members are keenly interested in existing opportunities for this organization to advance in stature.

With these factors in mind this committee strongly recommends the following:

1. That the Pacific Section continue to meet current expenses with current income in the manner considered by its Executive Committee to be most effective and appropriate; and

2. That the surplus funds accruing to the Pacific Section as a result of the 1947 National Convention in Los Angeles be handled as follows:

Use of the Principal Sum

a) This surplus fund should be invested in either United States bonds or an approved Building and Loan Company.

b) This investment should be established as a Pacific Section Trust Fund.

c) The uses to which this Trust Fund may be put should be limited to:

- 1) the production of income; or/and
- 2) the establishment of a Revolving Fund for the initiation and conduct of projects deemed worthy and desirable, as well as reasonably certain to return the capital invested; or
- 3) the support of any other project or purpose provided that this project or purpose be recommended by the Executive Committee, be brought to the attention of all paid members of the Pacific Section, and be approved by two-thirds of those members voting.

Responsibility for Investment of Trust Fund and Use of Income

A committee of three trustees should be appointed and be charged with the responsibility of 1) safe investment of the principal fund and 2) judicious use of the income derived therefrom. The membership of this committee should revolve so that, after the first year, the committee would always include two members previously experienced as members of this committee.

Use of the Income Derived from Investment or Use of Trust Fund

The committee submitting this report feels that determination of the proper use of income derived from the investment or use of this Trust Fund should be left to the trustees. This committee is in unanimous agreement, however, that this income should be used to extend the scope of interest and activities of the Pacific Section, rather than to assist in defraying current operating expenses.

Attached you will find an appendix to this report.

Respectfully submitted,

Harold W. Hoots
Chairman

R. W. Clark

G. W. Johnson

J. R. McMillan

Appendix to Report by Committee on Proper Use of Surplus Funds from 1947 National A.A.P.G. Convention

The following suggestions may deserve consideration.

Suggested projects for a revolving fund:

1) Prepare and issue a book containing photographs and brief biographies of all paid Pacific Section members. The cooperation of a photographic firm, the use of advertising, and the sale price of the book should assure return of investment and a possible profit. Our committee is not unanimous in suggesting this project; two members of the committee would pay \$10.00 for a copy, while a third member says such a book will be useless and could not make money.

2) Reprint geological publications now out of print and in great demand, providing the cost and quality of reprinting, the demand, and general economics justify our investment. In this connection an investigation might be made of the methods, results, and availability of the services of the Durand Reprinting Committee at Cal-Tech.

Suggestions for use of income:

1) Establish an award for the best paper presented each year at Pacific Section annual meeting.

2) Obtain more distinguished lecturers when such seems desirable.

3) Sponsor a contest in geology and general scholarship among high school students of California to result in the selection of a student to attend a geology summer camp similar to that of Princeton University. Such a contest would arouse interest in geology among students and parents.

4) Sponsor a contest among high schools and junior colleges of California to encourage instruction in geology and improvement in geological curricula, the winner or winners to receive from the Pacific Section a prize consisting of a series of selected reference books on geology. Such a contest would attract attention to geology as a high school subject and should broaden the sphere in which the science of geology is generally understood.

(Action on the above proposals will be deferred by the Executive Committee of the Pacific Section, pending expressions of opinion by the general membership of the Pacific Section.)

PERSONAL ITEMS

Vacation season still claims most of the activities of the geological personnel - -

Mr. S. H. Gester, of Standard Oil Company, vacationed in Canada and the Rocky Mountains - Burt Ellison, also of Standard, is reported to have vacationed in the same general vicinity.

Early this season L. A. Tarbet, S. O. Co., caught an eleven pound bass in the Sacramento River - he has spent all available spare time since, trying to repeat this performance.

W. A. Findlay is in South America on business.

Some of these business trips sound rather enticing - Mason Hill and Paul Dudley, Richfield Oil Corp, left recently by plane for a geological tour of Australia.

M. G. Edwards recently passed through San Francisco on his way to Washington State for a review of the activities of Shell's northern geological contingent.

Bob Williams, of Honolulu Oil Co. in Santa Barbara, chose the Wind River Mts. for his vacation.

Richard Hopper, with Standard Oil of Calif., in the Dutch East Indies, is currently vacationing in Southern Calif. Dick, his wife and baby are staying at the Hollywood Roosevelt Hotel. He intends to leave for the Indies on September 26th.

Bob White reports that while vacationing in Washington recently he visited with Harold Billman and Layton Stanton, who are with Union's north-west contingent. Both sent hearty greetings to their friends in Calif. Bob also saw Bertil Valley - who at one time worked for Martin Van Couvering and more recently with Axelson. Bertil has a lovely waterfront home on Lake Washington and is now working as an engineer for a manufacturing concern that is specializing on an automatic marine pilot and logging equipment.

Ed Simpson was recently seen in Billings, Montana where he is now doing consulting work.

Martin Van Couvering, recently returned from a trip to the east which included attendance at the Big Horn Basin Field Conference, reports this conference to have been extremely well organized and conducted - the best he had ever attended. Martin also reports the attendance of the following Pacific Section members overlooked in last month's news letter - John Maxson, Paul Pustmueller, A.I. Levorsen and - maybe we can still claim him- Max Krueger.

A few of the many geologists from other sections who were there include Henry R. Aldrich,

Fritz Aurin, Sam Knight, Max Bauer, Don Carroll, Roger Dennison, Carroll Dobbins, C. L. Moody and Raymond C. Moore.

John May, Tide Water Assoc., has taken off from Bakersfield on a vacation trip to Mexico and Guatemala.

Warren Hunt has left Independent Exploration Company and is now on a trip to Alaska via the Alaskan Highway.

Vic Schreiner, former Superior scout and erstwhile real estate broker in Bakersfield is now looking out for Navy interests on wells being drilled on Naval Petroleum Reserve No. 4, Alaska.

Bob Johnson, formerly with General Petroleum in Taft, is now with the Western Gulf Geol. Dept. in Bakersfield.

Lee Osborne, a few weeks ago transferred from Long Beach to Bakersfield, has now been transferred to Calgary, Canada where he will be Manager of Operations for Shell Oil Company.

R. L. "Bob" Augenthaler is being transferred from S. O. Calif. in Bakersfield to S. O. Texas in Houston.

Frank Bell was recently transferred from the Sacramento Office to Bakersfield by Shell Oil Co.

Bob Hackett has left the General Pet. Corp.

Henry Clark, formerly in geophysical work with G. P. has now taken over the duties of San Joaquin Valley scout.

Four former U.C.L.A. students, Bob Orwig, George Davis, John Handon and Louis Knox are now working for the Peters logging service.

The General Petroleum Corp. has spudded its thirteen story project on the corner of Fifth and Flower - Union Oil scouting service reports cement trucks on the scene recently - Richfield Geological brains claim that they are located higher structurally.

Bob Clark of Western Gulf received the following letter from Dr. W. G. Woolnough, who was until recently geologic consultant to the Commonwealth of Australia:

"Please accept my thanks for your kindness and courtesy in sending me a copy of the program of the A.A.P.G. Convention in Los Angeles, and especially for the very high honour you did me of quoting from a screed of mine in the address of welcome. This is shining the limelight on my bald head with a vengeance.

I have studied the abstracts of papers with deep interest and with still more intense regret that I was not one of the favoured ones able to attend the meeting and take part in the discussions. It must have been a most stimulating meeting. I notice, too, quite a lot of the names of those who treated me so handsomely on the occasion of the high-light of my life, my six months in the United States studying oilfield methods.

I am more and more convinced of the singular importance of the Pacific Basin in world geology, and particularly in the tectonics of mountain building, which are so intimately associated with oil genesis and concentration. I have just finished translating a couple of very suggestive Russian papers (copies have gone to Dr. DeFord at Midland, Texas) which stress the close association of deep earthquake centra with the Pacific basin, and with the continental lands bounding it. This work is going to call for a lot of revision of ideas in regard to earth strength and stability, and ability to respond to cosmic forces. I wish I had seen these papers before making my feeble rejoinder to criticisms of my "tetrahedral" paper.

I had the pleasure of a visit from Dale Condit the other day.

Again thanking you for your courtesy in this matter, Yours sincerely, W. G. Woolnough.

Dr. S. H. Knight is president of the newly formed Rocky Mountain Section of Geological Society of America.

Copies of the Guide Book of the Big Horn Basin Field Conference are available at \$4.00 each by addressing W. Stanley Knouse, P.O. Box 1708, Casper Wyoming, enclosing a check payable to Wyoming Geological Association.

Harold Bullwold reports that war surplus Fairchild F-71 stereoscopes are available from the Coogan Company, 3729 Chahuenga Blvd., North Hollywood, for \$17.00, about 15% of usual retail price.

U.C.L.A. registration starts Sept. 15th - a large enrollment in Geology is certain. Cordell Durrell is chairman of the department for the coming year. Dr. Anders Kuale, recently arrived from Norway, will be a new addition to the department. Dr. Kuale is one of the foremost structural geologists in the world. Johnny Crowell will also be a new member of the staff this next year.

Hanley Natland is building his home of bricks-the hollow variety - and on top of the Palos Verdes

Al Woodward, of Union Oil, is recuperating at home from a recent illness.

Al Vitt, Seaboard Oil Co., recently underwent an appendectomy in Bakersfield.

Fred Vandenberg, Kern Oil Co., has been handling flagstones - either too many or too large- he's laid up with a sprained back.

As self-styled Secretary in Charge of Trivia, Herb McMasters boasts the fact that the Honolulu Geological Department has had three competitions which can be directly attributed to the efforts of members of that department. In order of completion, they were:

- To the Paul McGovneys of Bakersfield-a daughter.
- To the Lowell Redwines of Santa Barbara-a son.
- To the Herb McMasters of Bakersfield-a son.

Mr. & Mrs. Tom Barnes, of the Shell Company, became the parents of a son, Craig Reed, on July 28th in Alhambra.

The athletically inclined members of the San Joaquin Valley Geological Society have been venting their excess energy on the softball diamonds of Bakersfield. A team was organized and competed this summer in the fast Industrial League. At the conclusion of the season, the team, known as "The Geologists", finished in fifth place. Captain and organizer of the team was Don M. Davis, Union Oil Company's scout, who also took care of catching duties. Other members were Gene Courtwright, Shell, pitcher; Jack Beach, Independent Exploration, first base and heavy hitter of the team; Max Capen, Superior, second base; Vic Church, Shell, shortstop; George Roth, Shell, third base; Kanny Obert, Schlumberger, left field; Ralph Brodak, Western Gulf, center field; and Walt Grey, Standard, right field. It was reported that "ringers" were imported by several teams in the league, but this could not be verified.

CALENDAR

- September 15, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Auditorium, General Petroleum Building, Los Angeles
- September 16, 1947, Tuesday, 7:00 PM, San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting
- September 16, 1947, Tuesday, 7:15 PM, A. P. I., San Joaquin Valley Chapter, 11-C Meeting Hall, Standard Camp, Taft
- September 16, 1947, Tuesday, A. P. I., Los Angeles Basin Chapter, First Annual Barbecue, Shell Barbecue Emporium, Brea Canyon
- September 20, 1947, Saturday, 7:30 PM, A. P. I., Coalinga - Kettleman Chapter, Club Polvadero, Coalinga

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- September 22, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles
- September 25, 1947, Thursday, 7:00 PM, San Joaquin Geological Society Study Group, Room 10, Library Building, Kern County Union High School, Bakersfield
- September 26, 1947, Friday, 7:00 PM, S. E. P. M., Fremont Room, Eaton's Cafe, Santa Barbara, Dinner Meeting
- September 27, 1947, Saturday, Pacific Section A. A. P. G. and S. E. P. M., Field Trip, Stratigraphic Studies of the Santa Barbara Region
- October 2, 1947, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Messanine, Clark Hotel, Los Angeles, Luncheon Meeting
- October 8, 1947, Wednesday, 6:00 PM, Branner Club, Athenaeum, C. I. T., Pasadena, Dinner Meeting
- October 9, 1947, Thursday, 6:30 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey
- October 14, 1947, Tuesday, 7:00 PM, San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting
- October 20, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Auditorium, General Petroleum Building, Los Angeles
- October 21, 1947, Tuesday, 7:45 PM, A. P. I., San Joaquin Valley Chapter, Bakersfield Inn, Bakersfield
- October 23 and 24, 1947, Thursday and Friday, A. I. M. E., Fall Meetings of the Petroleum Division, Metals Group and Industrial Minerals Division, Elks Club both days, Biltmore Hotel on the 24th, Los Angeles
- October 27, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

October 1947

Number 10

ASSOCIATION ACTIVITIES

A.A.P.G. - S.E.P.M. - S.E.G.
JOINT FALL MEETING
NOVEMBER 6 & 7
THE HUNTINGTON, PASADENA

Arrangements are progressing satisfactorily for the coming A.A.P.G.-S.E.P.M.-S.E.G. Joint Fall Meeting to be held at The Huntington, Pasadena, November 6th and 7th.

The Hotel is located amidst beautiful natural surroundings apart from the central business section of Pasadena, the closest shopping community being approximately a mile distant. Because of this, those who attend the convention must either use the facilities of the Hotel at lunch time or contemplate this little jaunt if they desire to eat elsewhere. As stated in previous notices, light lunches and snacks can be obtained throughout the day in the Ship Room, while the regular noontime luncheon is served from 12:30 p.m. to 1:45 p.m. in the main dining room at \$1.75 per plate.

It is an imposition to expect the Hotel to absorb an overflow of several hundred people at this time, and they have requested that we inform them several days in advance of the meeting dates of the number who plan to attend luncheon at the Hotel both Thursday and Friday noon. They would also appreciate knowing how many plan to attend the formal dance Friday evening, November 7th. The price of these tickets will be \$6.00 per person. The Arrangements Committee is, therefore, confronted with a problem in giving the Hotel an approximate number of people for these functions.

In the near future postcards will be sent out to all Pacific Coast members of the several organizations, and it will be greatly appreciated if you would check on these cards your decision in the above matter and return at the earliest opportunity.

We know that everyone is desirous of making this an outstanding meeting, and this is an opportunity for each and every member to greatly assist a hard-pressed Arrangements Committee in this matter.

ELECTION REMINDER:

About a month after this issue reaches its readers, the time will have come for electing a new set of officers for the Pacific Section. The present executive committee feels responsible to the general membership for calling attention to this matter, so that the results of the election may be the fruits of careful consideration by all those eligible to vote.

The Pacific Section is growing in numbers, in importance, and in the diversity of its activities. The paid-up membership now stands at an all-time peak of over five hundred. Its activities include field trips, monthly luncheons, the geological forum, the publication of this paper, and the annual convention in November. It has a publicity director, and district representatives for the national association. It has committees on research, on classifying both new producing areas and new individual wells, on educational programs at the universities, and on the publication of reports on new oil fields.

All of these things require men of ability, therefore, let us choose a new set of officers who will be qualified to carry the constantly increasing load of responsibilities. Let every member think who he would like to see occupying offices in the Pacific Section, and let him not be backward about expressing his preferences.

PROGRAM

PACIFIC SECTION OF
AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS
Twenty-fourth Annual Meeting

*
PACIFIC COAST DISTRICT
SOCIETY OF EXPLORATION GEOPHYSICISTS

*
PACIFIC SECTION
SOCIETY OF ECONOMIC PALEONTOLOGISTS
AND MINERALOGISTS

*
HUNTINGTON HOTEL
PASADENA, CALIFORNIA
November 6 and 7, 1947

Thursday Morning, November 6, 1947
9:00-9:30 - Registration
A.A.P.G., S.E.G., S.E.P.M.

Pacific Section of
American Association of Petroleum Geologists
9:30 - 11:40
BALL ROOM
Presiding, James C. Kibble
General Petroleum Corporation
Los Angeles, California

- 9:30 Introductory Remarks of Symposium on Occurrence and Production of Oil from Fractured Rocks in California - Rollin Eekis, Richfield Oil Corporation, Los Angeles, California. (Five minutes)
- 9:35 Occurrence and Origin of Chert in the Monterey Formation - M. N. Bramlette, University of California at Los Angeles, West Los Angeles, California. (Twenty minutes)
- 10:05 Fractured Reservoirs of the Santa Maria District - L. J. Regan, Jr., General Petroleum Corporation, Santa Maria, and A. W. Hughes, Union Oil Company, Santa Maria, California. (Forty minutes)
- 10:55 Summary of Production from Fractured Rock Reservoirs in California - W. S. Eggleston, Union Oil Company, Los Angeles, California. (Twenty minutes)
- 11:20 Nomination of Officers for Pacific Section of American Association of Petroleum Geologists. (Twenty minutes)

LUNCHEON - MAIN DINING ROOM
12:30
(Luncheon \$2.00 each)

THURSDAY AFTERNOON
2:30 - 4:20
BALL ROOM
Pacific Section of
American Association of Petroleum Geologists
Presiding, Robert T. White
Barnsdall Oil Company
Los Angeles, California

- 2:30 Oil Production from Fractured Rocks on West Side San Joaquin Valley - S. M. Reynolds, Consulting Geologist, Taft, California. (Twenty minutes)
- 3:00 The Nature of the Basement Complex Oil Reservoir, Edison Oil Field, California - J. C. May and R. L. Hewitt, Tide Water Associated Oil Company, Bakersfield, California. (Twenty minutes)
- 3:20 Examples of Electrical Logs in Fractured Rocks - R. D. Ford, Schlumberger Well Surveying Corporation, Long Beach, California. (Thirty minutes)

4:00 Summary Remarks Concerning Occurrence and Production of Oil from Fractured Rocks in California - Rollin Eckis. (Twenty minutes)

THURSDAY EVENING

7:00

A dinner Meeting of the Pacific Section of the Society of Economic Paleontologists and Mineralogists will be held at the Pasadena Athletic Club, Banquet Room - 4th floor, 425 E. Green St., Pasadena. (Dinner \$2.50)

Chairman W. H. Corey
Continental Oil Company
Los Angeles, California

Environmental Significance of Fossil Foraminifera - Earl Meyers, formerly of Scripps Institution of Oceanography, and John Hopkins Marine Laboratory, Monterey, California.

Determination of Potential Oil Source Rocks - Parker D. Trask, California Department of Natural Resources, Division of Mines, San Francisco, California.

Business Meeting

FRIDAY MORNING

9:30 - 11:45

BALL ROOM

Presiding, Arthur S. Huey
Shell Oil Company, Bakersfield, California

9:30 Summary of Geology and Exploration in Sacramento Valley - W. E. McKittrick, Shell Oil Company, Sacramento, California. (Thirty minutes)

10:10 Summary of Geology and Exploration in Salinas Valley - J. E. Kilkenny, Chancellor-Canfield Midway Oil Company, Los Angeles, California. (Thirty minutes)

10:50 Oil and Gas Prospects of Washington and Oregon - Hampton Smith, Consulting Geologist, Los Angeles, California. (Thirty minutes)

11:30 Relative Cost of Finding Oil in California - Graham B. Moody, Standard Oil Company, San Francisco, California. (Fifteen minutes)

FRIDAY AFTERNOON

2:00 - 4:00

BALL ROOM

Presiding, Elmo Adams
Honolulu Oil Corporation
San Francisco, California

2:00 Prospecting for Petroleum - E. DeGolyer, Distinguished Lecturer of American Association of Petroleum Geologists, Dallas, Texas.

3:30 Business Session - Martin VanCouvering, presiding.

FRIDAY EVENING

8:00

A.A.P.G. Formal Dinner Dance
Huntington Hotel
Dinner - Main Dining Room
Dancing - Ball Room

All members of The Society of Exploration Geophysicists and The Society of Economic Paleontologists and Mineralogists and friends are cordially invited.
(\$12.00 per couple)

Pacific Coast District
Society of Exploration Geophysicists

Thursday Morning, November 6, 1947

9:30 - 11:15

Mirror Room, Hotel Huntington

Presiding, Raymond A. Peterson,

United Geophysical Company, Pasadena, Calif.

T. P. Ellsworth, Richfield Oil Corp.,
Bakersfield, California

9:00 - 9:30 Registration and Luncheon Reservations.

9:30 Address of Welcome, by Herbert Hoover, Jr., United Geophysical Company, Pasadena.

9:35 Greetings from National Officers of Society of Exploration Geophysicists by Cecil H. Green, Geophysical Service, Inc., Dallas, Texas.

9:40 - 11:30 A Symposium on Correlation in California - Lead paper, John Sloat, Union Oil Company, Bakersfield.

A half dozen or more prepared, illustrated discussions are planned to follow Mr. Sloat's paper. Among the contributors are Loring Snedden, The Texas Company, Bakersfield; Cecil Reel, Superior Oil Company, Los Angeles; Hewitt Dix, United Geophysical Company, Pasadena and either O. F. Van Beveren or M. G. Smith, both of Standard Oil Company, Bakersfield. An outline by Mr. Sloat, circulated last August, should evoke a lively discussion from the floor.

THURSDAY AFTERNOON

2:00 - 4:00

Presiding, Curtis H. Johnson,
General Petroleum Corp., Los Angeles
Joseph C. Waterman
Shell Oil Company, Los Angeles

2:00 Practical Application of Curve Path Theory to the Migration of Dips - E. J. Handley, Century Geophysical Corporation, Tulsa, Oklahoma.

2:15 Case History of the Wilmington Oil Field - N. R. Shade, General Petroleum Corporation, Los Angeles.

2:30 Case History of the McDonald Island Gas Field - Phillip P. Gaby and A. J. Solari, both of Standard Oil Company, San Francisco.

2:45 On the Penetration of Alternating Electric Currents into the Ground - G. W. Potapenko, California Institute of Technology, Pasadena

3:00 To be arranged.

3:15 Well Velocity Shooting in California - Robert J. Wells, Richfield Oil Corporation, Bakersfield.

3:40 Added Note on Well Velocity Shooting in California from the Standpoint of the C.W.V.S.G. - Dewitt E. Taylor, Shell Oil Company, Long Beach, California.

SOCIETY OF EXPLORATION GEOPHYSICISTS LUNCHEON

Friday - November 7

12:30

Mirror Room, \$2.00 per person

Tickets must be obtained before 10 a.m., Friday

Cecil H. Green, National President of The Society of Exploration Geophysicists will lead a discussion regarding the formation of a Pacific Section of the Society.

Committees responsible for the convention:

Arrangements: Harvey Lee (AAPG) General Chairman.

Wm. H. Corey (SEPM) Chairman.

Curtis Johnson (SEG) Chairman.

Bill Greenwalt

W. D. Lewis

A. J. McMillan Jr.

Program: Jim Kimble, Chairman.

Bob White, Co-chairman.

Finance: Bill Pemberton.

Publicity: Milton Lewis.

Note: Clifton W. Johnson, Secretary-Treasurer of Pacific Section, is pinch hitting for John Kilkenny in reporting Association Activities in this issue. Thanks Cliff! (Editor)

PACIFIC SECTION'S FIRST SANTA BARBARA MEETING

For the first time in the history of either the S.B.P.M. or the A.A.P.G., a meeting was held in Santa Barbara, on September 25, 1947. It was a joint meeting of the two societies and was followed, the next day, by a joint field trip in the Santa Ines range.

Space had been reserved at the Barbara Hotel for those out-of-town members who wished to take advantage of the arrangement, up to one hundred. Several of them brought their wives. Half a dozen women paleontologists also took advantage of the plan.

The joint meeting of the societies was held at Eaton's restaurant, where the evening's business began with an excellent dinner, which proved so popular that the Presidio dining room was unable to accommodate the crowd, and several members were obliged to eat in adjacent rooms, joining the main body of the members after the dinner. Lowell Redwine's efficient efforts were responsible for the lodging and dining arrangements.

W.H. Greay, President of the Pacific Coast Section of S.B.P.M., acted as chairman of the evening and conducted the meeting with efficiency, mingled with a sense of humor. He expressed appreciation for the work of the various committee men.

W.W. Porter II was the first speaker. He gave a discourse on Sunday's new discovery near Orouct. It seems that there was so much difference in the geology exhibited by the wells drilled in this new area that Bill was more or less at a loss to explain it. He illustrated the problem with lantern slides. He said he had named it the "Four Deer" area.

Wilbur Rankin had been invited to explain the correlation between the terminology used by the paleontologists and that of the field geologists, as applied to the western Santa Ines Mountains. He made use of the table of formation names appearing on the map that had been prepared for the next day's field trip. As most of those present made notes of these correlations, members who were unable to attend can probably obtain the information from those who did.

Tom Dibblee had prepared the field itinerary and the accompanying map and stratigraphic column. These were sold for fifty cents each at the restaurant. At the dinner, he gave a discourse on the plan of Saturday's field trip and the geology to be observed along the route, as shown on the map. He introduced several stratigraphic names not previously in general use. They included the "Allegria formation", the marine equivalent of the Serpe; the "Anita formation", lowermost Eocene; and the "Malama formation", of Oretaceous age.

The last talk on the program was by Russell Simmons, who discussed the structure of the region in an interesting and instructive manner, and illustrated it with lantern slides, including a number of beautiful Kodachromes.

By now it was nearly eleven o'clock, and time to retire, in anticipation of the field trip the next day. All who attended the meeting felt that it had been well worthwhile and that Santa Barbara is an excellent place to hold such a meeting. Its outstanding success is sufficient assurance that it will be followed by other Santa Barbara meetings in the future.

The field trip, on Saturday, was no less of a success than the dinner meeting had been. The cars assembled at Cavita Beach and traveled from there in two contingents, the first being led by Russell Simmons and the second by Tom Dibblee. Bob Williams served as general supervisor of the field trip, and most of its success was due to his energy and enthusiasm. Five stops were made enroute from the beach to the Mojavi Falls Park picnic ground, four of them south of Las Cruces.

The picnic luncheon had been prepared under the direction of Lloyd Miller, a brand-new member of A.A.P.G., and served as a splendid introduction for him. He had obtained the services of a pair of excellent chefs, who barbecued 1 1/2 steaks, each a masterpiece. Salad, beans, rolls, pickles, olives, beer, Coca Cola, and coffee were other items on the bill of fare. As only one steak was served to each person, the number present evidently was about 125. No charge was made for the luncheon, through the generosity of Schlumberger, Lane Wells, Harold, Geophysical Service, Inc., Reid Blue Print, M. O. Johnston, Eastman, and Macco Corporation.

The good road was left behind at Refuge Pass, and the party received a good dose of dust, though not to an excessive degree. Four stops were made after luncheon. The party returned to Santa Barbara about six o'clock.

That brings us to the point of trying to insert the final word without the knowledge of the general editor of this publication, to the effect that he was one of the most energetic and effective participants in the success of this memorable affair.

Martin Van Couvering, President.

PERSONAL ITEMS

Eugene Stebinger, retired former chief geologist of Standard Oil Company of New Jersey, and George L. Harrington, consulting geologist, of Palo Alto were among those attending the Santa Barbara meeting and field trip.

Captain Vic Wilhelm, formerly chief petroleum engineer for Texas Company, has returned from an inspection tour of the Naval Petroleum Reserve in Alaska.

Colonel O. F. "Ott" Kotiok, formerly with Tide Water Associated Oil Company in Bakersfield, and presently director of Plans Division, Office of the Joint Chiefs of Staff, Army-Navy Petroleum Board, has returned from an inspection tour of the Naval Petroleum Reserve in Alaska. (See above)

Ed Simpson, formerly with American Fluors in Montana, is visiting in Los Angeles and attended the Santa Barbara field trip.

Dave Gribben, who has been in Rock Springs, Wyoming, with Union Pacific for the past three years was recently transferred to the Los Angeles office.

Frank Carter of General Petroleum has a complete set of A.A.P.G. Bulletins - 1925 through 1931 - which he would like to barter with someone.

Spencer Fine of the Richfield Oil Co. is the latest new addition and is welcomed to membership in the Pacific Section. Total paid up members for this year has just passed the five hundred mark.

Hugh McClellan, Continental Oil Co., has for sale nearly a full set of State Geological bulletins of Kansas and Oklahoma, (including Morgan's "Mazonian Quadrangle") as well as a number on Texas and Missouri.

The California Institute of Technology has some new faces this year:

Jim Noble, formerly Chief Geologist for Homestake Mines, is a lecturer in Metalliferous Geology.

Clinton R. Stauffer, Professor Emeritus of University of Minnesota, will be Professor of Invertebrate Paleontology for the next year.

Hampton Smith will be on hand to teach the petroleum geology courses.

Alvin C. Burich, vice-president of Stanford University has announced the gift of a seismic recording truck by the Shell Oil Company. This recording unit is to augment classroom study of geophysics.

"Dick" van Wingen, who has been with Richfield Oil Co. in the Engineering Research Department, has resigned to become Professor of Petroleum Engineering at the University of Oklahoma.

Gordon A. MacDonald is now on the staff of the U.S.C. Geology Department. Gordon is a graduate of U.C.L.A. and took his doctors degree at Berkeley. He has been with the U.S.G.S. in Hawaii for the past eight years.

The U.C.L.A. Geology Department, under the chairmanship of Cordell Durrell, has a staff of thirteen this year. The department will be equipped with a thin section Lab. and a geological draftsman.

Brad Adams, formerly with the Texas Company, has resigned to open an office in the Subway Terminal Bldg., Los Angeles.

Gladys Peyser, formerly with Standard Oil Co., has joined the Texas Co. Geological Department as an assistant geologist in the Los Angeles office.

Ivan Scherb has recently joined the Texas Company's geological department and will be located in Bakersfield. He was formerly with the Texas Co. in the mid-Continent and on foreign assignments.

Joe Hatheway has resigned from the General Petroleum Corp. to join the Pacific Western. Joe will be located in the Los Angeles office.

Claude "Tex" Leverett formerly Los Angeles Basin and Coastal scout for the Union Oil Company has resigned to open an auto and engine repair shop at 5838 Paramount Blvd.

Don Davis has been transferred from Bakersfield to Los Angeles and will handle Union's scouting there. Floyd Tinscher has taken over the valley scouting assignment. By the way, Don is looking for a house to rent in the Los Angeles area.

Jack West, who has been in the U.C.L.A. graduate school, is now employed by Seaboard Oil Co. in the Los Angeles office.

Bob Loftus resigned from the Standard Oil Co., Taft, and is now working for the Pure Oil Co. in Tulsa, Oklahoma.

Roy Hubbard, formerly with Bishop Oil Company, is now in the Richfield's geological department in Bakersfield.

"Pete" Woods is now employed by Pacific Western in Bakersfield where he is doing Petroleum Engineering work.

Max Capen resigned as geologist for Superior Oil Company and is now employed by Seaboard in Bakersfield.

Lanny Graff recently returned to Bakersfield from Colorado following a leave of absence from the Standard Oil Company.

Andy Bengstan, Standard Oil Co., has been transferred from Los Angeles to the San Joaquin Valley.

James Millhauser has resigned from the Ohio Oil Co. to enter the building business with his father in Los Angeles.

Clem Hodges is leaving the Kern County Assessor's office to go to work for Richfield in the Comptroller's office.

Jim Higgins is now in the Standard's Los Angeles office. Jim is a graduate of Miami University and recently received his doctors degree from the University of Chicago.

Ed Leamers of Standard Oil is back at work after a twenty-two week stretch of recuperation from pneumonia and San Joaquin fever. Ed will be located in the Los Angeles office.

Drax Dana's son Harvey has recently won in the competitive examinations for Congressman Elliot's appointment to West Point in 1948. Harvey is now a senior in Bakersfield High School.

A note from Bob Anderson, formerly with C.C.M.C. in Los Angeles and currently with Geo photo in Denver, was very enthusiastic regarding the work and the city - also reported appreciation of news of Pacific Section activities via the Pacific Petroleum Geologist.

Norris Johnston, formerly head of the General Petroleum's research and core Lab. has resigned to open a consulting office and laboratory for reservoir studies in Pasadena. The new organization is to be known as Petroleum Engineer Associates.

Recent visitors to Los Angeles include -

Dave Redman - now with Tropical Petroleum in Bogota, Colombia. Dave was formerly with Superior in Bakersfield.

John B. Klecher now chief geologist for Atlantic Refining in Venezuela. John is one of the U.C.L.A. - "old timers".

Chet Castle now manager of operations for Union Oil Co. in Paraguay.

Some of the "late vacationers" are still away -

Bill Winham - a Standard 25 year man is taking five -(weeks that is) - last reported golfing on the pebble beach course.

Bill Kew is also vacationing - from San Diego to Santa Barbara.

Sam Stewart of Richfield has promoted a combination fishing and "business" trip taking him to Idaho, Wyoming and Colorado.

Evan H. Bartzner and Stanislaw J. Kris of Standard Oil Co., Taft, accomplished the difficult and hazardous ascent of the east face of Mt. Whitney over the Labor Day holidays. By the way, earlier in the summer Tom Dibblee and Arch Warren took a "busman's holiday" and mapped the Paleocene section in the vicinity of Mt. Whitney.

Ed McDowd of the Shell Oil Co. and Bob Quinn of Gen. Pet. are vacationing in the Bishop country - and with a Legion Convention in town.

New baby daughters born to:

Mr. & Mrs. Max Payne of Union Oil Co., Bakersfield

Mr. & Mrs. Howard Reynolds of the Belridge Oil Co.

And to Mr. & Mrs. Antonio Peap of Standard Oil Co., Taft.

The second generation, or the daughters of the General Petroleum made the news for this month -

Carroll Wagner's daughter Katherine was married September 13th.

Jimmie Dean's daughter Barbara married September 7th.

And Elmer De Maris's and Jim Kimble's daughters Eleanor and Janet, respectively, entered the University of California on September 15th.

Otto Backel has left the Tidewater Associated in Bakersfield to join the geological staff of Independent Exploration in the same city.

Frank Bell, Shell Oil Co. has moved from Sacramento to Bakersfield where he will supervise Shell's exploratory activity for the combined San Joaquin and Sacramento Valleys.

John Kilkenny has recently returned from an inspection trip with C.C.M.C. and Santa Fe officials through the Rocky Mtn. district.

GEOLOGICAL FORUM

The Geological Forum held a regular meeting in the General Petroleum Auditorium Monday evening, September 15. Chairman Louis Simon presented the following programs:

A. K. Dashedi, former Director General of Mines in Iran, discussed the extreme complexity of their oil structures due to action of chemical deposits. He was very optimistic regarding future exploration for deeper horizons and undrilled structures in the country.

Dr. W. N. Lacey, Dean of the Orachute School, California Institute of Technology, gave a humorous outline of the viewpoint of the public regarding the actions, manners and appearance of the average scientific man.

Philip Walters, Continental Oil Company, discussed the volcanic tubes of Oahu, Hawaii Islands, and their effect on native folklore.

Announcement: On Sunday, November 2, a field trip, sponsored by the Rift Club, will be held in the vicinity of Lebec. Johnny Crowle, who recently completed his field work for a doctor's thesis in this area, will conduct the trip. For details regarding time and place of meeting, contact John Hazzard at the Union Oil Company.

CALENDAR

October 8, 1947, Wednesday, 6:00 PM, Branner Club, Athenaeum, Calif. Inst. of Tech., Pasadena, Dinner Meeting

October 9, 1947, Thursday, 6:30 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey

October 14, 1947, Tuesday, 7:00 PM, San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting

October 20, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Auditorium, General Petroleum Building, Los Angeles

October 21, 1947, Tuesday, 7:45 PM, A. P. I., San Joaquin Valley Chapter, Bakersfield Inn, Bakersfield

October 23, 1947, Thursday, 7:00 P.M., San Joaquin Geological Society Study Group, Room 10, Library Building, Kern County Union High School, Bakersfield.

October 23 and 24, 1947, Thursday and Friday, A. I. M. E., Fall Meetings of the Petroleum Division, Metals Group and Industrial Minerals Division, Elks Club both days, Biltmore Hotel on the 24th, Los Angeles

October 27, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles

November 6 and 7, 1947, Thursday and Friday, ANNUAL JOINT FALL MEETING, Pacific Section A. A. P. G. - S. E. P. M. - S. E. G., Huntington Hotel, Pasadena

November 6, 1947, Thursday, 7:00 PM, S. E. P. M., Pasadena Athletic Club, 423 East Green St., Pasadena, Dinner Meeting

November 10, 1947, Monday, 7:00 PM, A. P. I., Coastal Chapter, Ventura

November 11, 1947, Tuesday, 7:00 P.M., San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting.

November 13, 1947, Thursday, 6:30 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey

November 17, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles

November 18, 1947, Tuesday, 7:45 PM, A. P. I., San Joaquin Valley Chapter, 11-C Meeting Hall, Standard Camp, Taft

November 18, 1947, Tuesday, 8:00 PM, A. P. I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill

November 19, 1947, Wednesday, 7:30 PM, A. P. I., Coalings - Kettleman Chapter, Club Polvadero, Coalings

November 24, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles

EXECUTIVE COMMITTEE, PACIFIC SECTION
American Association of Petroleum Geologists

Martin Van Couvering	President
W. P. Winham	Vice-President
Clifton W. Johnson	Secretary-Treasurer
E. Robert Atwill	Past-President
John E. Kilkenny	Representative, San Joaquin Geological Society
Elmo W. Adams	Representative, San Francisco Bay Region

PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1116, 811 W. 7th Street, Los Angeles 14, California.

Editor:	Loyde H. Metzner
Assistant Editors:	
Calendar:	R. S. Ballantyne, Jr.
Activities:	John E. Kilkenny
Personal Items:	Peter H. Gardett
Selected Bibliography:	Robert T. White
Printing and Circulation:	Hugh W. McClellan
San Joaquin Representative:	Herman W. Weddle
San Francisco Representative:	William B. Beatty

Next deadline October 27, 1947.

For out-of-town correspondents October 25, 1947.

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- o "Classification of Faults" by Mason L. Hill, pp. 1669-1672.
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PACIFIC PETROLEUM GEOLOGIST Sec. 5-6 2
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811 WEST 7TH STREET,
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Vol. 1, No. 10

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

November 1947

Number 11

A FEW REFLECTIONS UPON LEAVETAKING

The Reader's Digest for November has a little story (p.15) about a man in New York who asked a taxi driver to take him to some place where the traffic was very heavy and the crowds very dense, and then yelled: "Get me out of here. I can't stand it." He explained: "I live in the country and my nearest neighbor is a mile away. Whenever I get lonesome I think about the crowds I've escaped from and it cheers me up. But after a while the memory fades and I have to come back to get another dose."

So it is with most of us. While the burden of responsibility is upon us we sigh for the time when we shall be relieved, but we do not give enough consideration to the happiness that we have derived from discharging our duties. When the pressure is off, we feel a little let down to find we are no longer in demand.

So it is not without regret that we, who are laying down the reins in the Pacific Section, are about to bow out of the picture. But it has been our policy, throughout, to spread the accountabilities and the opportunities attached to carrying on the work over as large a segment of the membership as practicable, and particularly, to put as many young men, as possible, into harness. In conformity with this ideal, we are glad to step out, so that others may have the opportunity to contribute to the constant progress and growth of our association.

It has been a memorable year for us, filled with stimulating experiences. Elsewhere in this issue, the activities have been reviewed more in detail. I hope my co-workers have derived as much happiness as I have from the many new and warm friendships that have resulted from working together in the association.

It is always a pleasure to give credit where credit is due, and in planning this little farewell, I had thought to mention those who have made significant contributions to the progress of the Pacific Section during the past year, but it soon became clear that their number is so great that referring to them individually is out of the question, considering the amount of space available. While the inability to do so is regrettable, the fact that there were so many is certainly cause for congratulation. To a large extent, their names and their activities have appeared in the various issues of this publication.

While the emphasis has been upon youth, many of the older members have made valuable contributions, often in unobtrusive ways. The opportunity to draw on their experience has been invaluable. There were occasions when their sophistication was more important than the enthusiasm of youth.

And so we say good-bye and many thanks to each of you for your contribution, even if it was no more than to help keep up the esprit de corps of the organization by attending the meetings, and in other inconspicuous ways.

One parting thought: I have referred to the opportunities to be derived from carrying on the work of the association. These are not to be minimized. There have been several cases in which the persons solicited to present papers or to make some other contributions, were too shy or too modest to wish to be placed in such a position. It has been a pleasure to bring pressure to bear upon them to do something that could work only to their own advantage. And it has been a greater pleasure to see how well they performed. Fortunately, the great majority who have been asked to serve have done so with energy and enthusiasm. May the new officers have as good cooperation as the retiring ones have had.

Martin Van Couvering

ASSOCIATION ACTIVITIES

The stage is set for the joint annual Pacific Section A.A.P.G. - S.E.P.M. - S.E.G. Convention on November 6 and 7. This year's meeting will be held, for the first time, at the Huntington Hotel in Pasadena. General Chairman Harvey Lee and his assistants have worked hard to make this an outstanding meeting and indications are that there will be a record attendance. Program Chairman Jim Kimble and Assistant Chairman Bob White have organized a program that deals with one of the important new developments in exploration geology--production from fractured basement rocks. Thursday will be devoted to a symposium on production from fractured rocks in general and Friday morning's papers will review the geology and exploration in some of the outlying basins on the Pacific Coast. Concluding on Friday afternoon, Dr. Everette DeGolyer, distinguished lecturer, will address the convention on the subject "Prospecting for Petroleum", a fitting climax to the meeting. The S.E.P.M. meeting on Thursday night and the S.E.G. sessions on Thursday morning and afternoon will have many interesting papers on timely subjects. (For the complete program, refer to the October issue of the Pacific Petroleum Geologist.) The financial success of this convention has been assured by the fine work of Bill Pemberton aided by contributions from many of the oil companies.

As another year in the annals of the Pacific Section of the A.A.P.G. is drawing to a close and this being the last issue published by the present staff of the Pacific Petroleum Geologist, it is an opportune time to review the activities and achievements of the past year.

This year will rank as one of the most important of the last decade primarily because the Pacific Section acted as host for the National Convention which was held at the Biltmore Hotel, Los Angeles, March 24 - 27. This meeting was highly successful with a large turnout both of local members and those from other parts of the country. Harold Hoots and his capable committees did a fine job of welcoming and entertaining the visitors with an interesting program and enjoyable field trips.

One of the innovations this year was the publishing of this paper, the Pacific Petroleum Geologist, conceived and started on its way by President Martin Van Couvering. That this venture has been successful is attested by the numerous letters of appreciation and encouragement that Editor Loyde Metzner has received.

The Pacific Section was called upon early this year to help conduct a course in petroleum geology at Cal Tech. A committee was appointed, headed by W. W. "Bill" Porter, II, and a series of lectures on various phases of this subject were given by various members of the association.

At U.C.L.A., a committee, headed by Sam Stewart, arranged a series of talks to familiarize the student with some of the practical phases of the petroleum industry. These talks met with a favorable response from the students.

The Geological Forum meetings, started several years ago, have been continued. Responsibility for these monthly affairs has rested in the hands of the Forum Club of which Dick Ballantyne is chairman. The other members of this club consist of those who have served as chairmen for the various meetings. Many interesting talks were heard.

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PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 1116, 811 W. 7th Street, Los Angeles 14, California.

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Printing and Circulation:	Hugh W. McClellan
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Next deadline December 1, 1947.
For out-of-town correspondents November 29, 1947.

Another new idea which blossomed forth under the present administration resulted in the establishing of a committee for issuing preliminary reports on new oil fields. H. H. Sullwold, Jr., is chairman of this committee. Several reports have been or are in the process of being published in the A.A.P.G. Bulletin.

One of the troublesome problems that came up during the year was the proposed Professional Engineers' Registration Act, the provisions of which would make mandatory the licensing of all engineers in the State of California. A special clause, exempting geologists, was drafted by your executive committee and inserted into the body of the proposed act.

The monthly luncheon meetings, the annual spring picnic and the regular S.E.P.M. meetings were all well attended during the year giving evidence of the increasing interest in these affairs. The San Joaquin Valley Geological Society likewise has had a successful year. A study group similar to the Geological Forum has been held regularly in Bakersfield and has been well attended.

The recent A.A.P.G. - S.E.P.M. field trip to Santa Barbara, reported in the last issue of Pacific Petroleum Geologist, was the first ever held in that locality and is indicative of the increasing geological activity in that area.

Last, but not least, the Pacific Section membership has increased to over the 500 mark—highest in its history. Much of the credit for this increase is due Cliff Johnson, our hard working secretary.

Other recent events of interest are as follow:

Stanley Herold has been appointed by President Martin Van Couvering as Chairman of the Research Committee of the A.A.P.G. Mr. Herold will cooperate closely with Shepard Lowman, Chairman of the National Research Committee.

Dr. Raymond C. Moore, distinguished lecturer, will speak before the Pacific Section on December 8, 1947. His subject will be "Problems of Sedimentary Facies". Dr. Moore is Professor of Geology at Kansas University as well as being head of the Kansas Geological Survey. He is also a former editor of the A.A.P.G. Bulletin and is well qualified to talk on the subject he has chosen.

The San Antonio Geological Society will hold its annual meeting November 6 and 7, the same dates as the Pacific Section Convention. The National Executive Committee will meet there at the same time which will preclude any of the committee members from attending our meeting.

The Forum Club recently held its last meeting to arrange for continuity of the forum meetings from this administration to the next.

On October 3 the regular monthly luncheon meeting of the Pacific Section was held at the Clark Hotel with Cliff Johnson presiding in the absence of President Van Couvering and Vice President Winham. Forty-five members were present. Harvey Lee gave a comprehensive report on the convention followed by J. R. "Bill" Pemberton who reported on the financial end. There was also a discussion of the use of surplus funds from the National Convention as outlined by Harold Hoots' committee. No action was taken, the consensus of opinion being that the membership should have more time to consider the proposals and that final decision should be put up to membership vote with a two-thirds majority necessary for approval. Bill Corey distributed maps of the A.A.P.G. - S.E.P.M. Santa Barbara field trip. The "piece de resistance" was a kodachrome moving picture shown by Pete French, President of the St. Louis Zoological Society, entitled "Hunting the Boa in Dutch Guiana". The conclusion drawn from this interesting movie was that the boa must be a very reticent reptile as careful scrutiny of the pictures revealed only one who was bold enough to pose for a photograph.

PERSONAL ITEMS

Richfield Oil Corp. is reported to be making good time on the construction of its new Bakersfield office building. This will be a one story rambling building, located on "H" street approximately one and one-half miles south of Bakersfield and will house the Geological Department, the exploitation engineers, the "bug" lab, the Pipelines Dept., the Drilling Dept., and other field operations personnel in that district.

Tommy Milburn, formerly head of the Land and Lease Dept. of Pacific Western has resigned and is now associated with Loren Hillman in Los Angeles.

Johnny Hale has resigned as geologist for Superior Oil Co. to accept the position of district geologist for Seaboard Oil in Bakersfield.

Art Greshner, formerly with the Shell Oil Co. in Bakersfield, is now with the Lone Star Steel Co. in Dangerfield, Texas.

W. A. "Bill" Clark, division engineer for the Texas Co. has been transferred to New York where he will be assistant manager of foreign producing operations. Homer Woodruff is now in the Los Angeles office as division engineer and O. W. Chonette has assumed the duties of Los Angeles Basin district engineer.

John C. May has resigned as district geologist for Tide Water Associated Oil Co. in Bakersfield and will open a consulting office.

Paul Dudley and Mason Hill are apparently going to take in the Australian summer as it is reported they will not be back for Christmas.

Walter Stadler of San Francisco, an old timer in California geological circles, was a recent visitor at the geologists' luncheon table at the El Tejon. By the way, out of town visitors to Bakersfield will find quite a gathering of geologists daily at the El Tejon's luncheon table reserved for "rock hounds".

Rex Grivetti, Texas Co., is currently confined to bed with Valley fever.

Bob McConville of Signal Oil and Gas is recuperating from a recent bout with virus pneumonia.

W. D. Lowry is a new employee of the Texas Co. geological department and will be located in the Taft office. He is a graduate of the University of Oregon, took graduate work at the University of Rochester, and has been employed by the Oregon State Department of Mines and Geology.

Tom Baldwin and Mrs. Baldwin of the Texas Co. in Paso Robles have been participating in radio programs over the Paso Robles station. Tom is identified as Mr. Gilderstine in a serial and Mrs. Baldwin has her own program under the title of "Feminine Frances".

Vince Vandiver, Seaboard Oil Co., will leave for an extended visit to Venezuela on Nov. 2. He intends to spend about one week in New York City before flying to Caracas. Van regrets that he will miss the November meeting but hopes to make it back for Christmas in California.

Harold Rader is back on the job with Standard after his operation and recuperating period.

Dick Haines of the Continental Oil Co. in Bakersfield will soon transfer to the Ventura office.

It might be interesting sometime to investigate the preponderance of daughters among the children of geologists. Two more have been added -

Mr. and Mrs. Rollin Eekis have a new daughter, Ellen, this their second daughter and third child.

Mr. and Mrs. William Merrill of Standard Oil Co., Ventura, became the parents of a baby daughter, Donna, their first child, on October 5.

Some of the "grown up" daughters are away at school -

Glenn Bowes' two - one in her second year at Stanford, the other attending Art School in New York City.

Bill Winham's youngest daughter Barbara is this year at University of Arizona.

Karl Arleth's daughter is in her first year at U.C.L.A.

Dewitt Taylor's daughter is at U.S.C.

Earl Noble, Past President of the National A.A.P.G., is attending a meeting of the Executive Committee in San Antonio, Texas. It is unfortunate that, due to conflicting dates, Earl and other Executive Committee Members will be unable to attend Pacific Section's Fall Convention.

A. I. Levorsen, President, James Gilluly, Vice President, and Aaron C. Waters and Wendell P. Woodring, Councillors, are attending the National G. S. A. meeting this week in New York.

It is with regret that we announce the death of "Ole" Olson of M & O Scouting Service on October 26 in Los Angeles

CALENDAR

- November 6 and 7, 1947, Thursday and Friday, ANNUAL JOINT FALL MEETING, Pacific Section A. A. P. G. - S. E. P. M. - S. E. G., Huntington Hotel, Pasadena
- November 6, 1947, Thursday, 7:00 PM, S. E. P. M., Pasadena Athletic Club, 425 East Green St., Pasadena, Dinner Meeting
- November 10, 1947, Monday, 7:00 PM, A. P. I., Coastal Chapter, Ventura
- November 13, 1947, Thursday, 6:30 PM, A. I. V. E., Junior Petroleum Group, Rio Hondo Country Club, Downey
- November 17, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles
- November 18, 1947, Tuesday, 7:45 PM, A. P. I., San Joaquin Valley Chapter, 11-C Meeting Hall, Standard Camp, Taft
- November 18, 1947, Tuesday, 8:00 PM, A. P. I., Los Angeles Basin Chapter, Shell Recreation Hall, Signal Hill
- November 20, 1947, Thursday, 7:30 PM, A. P. I., Coalinga - Kettleman Chapter, Club Polvadero, Coalinga
- November 24, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles
- December 3, 1947, Wednesday, 7:00 PM, A. I. M. E., Southern California Section, University Club, Los Angeles, Annual Dinner Meeting
- December 4, 1947, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Los Angeles, Luncheon Meeting
- December 11, 1947, Thursday, 6:30 PM, A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey
- December 11, 1947, Thursday, 7:00 PM, San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting

December 15, 1947, Monday, 7:00 PM, A. A. P. G., Pacific Section Geological Forum, Los Angeles

December 22, 1947, Monday, 7:00 PM, A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles

The next meeting of the Pacific Coast Section of the Paleontological Society will be held in April, 1948, at the California Institute of Technology, Pasadena, California, in conjunction with the meeting of the Cordilleran Section of the Geological Society of America.

As a result of a poll of the members of the Society, it has been decided to hold, as one part of the meeting, a symposium on the general subject: "Miocene-Pliocene boundary on the Pacific Coast, from the viewpoint of the vertebrate, microfossil, and megafossil workers, together with the field relationships." Seven papers bearing on this subject have already been offered. Contributions by interested workers are desired. The remainder of the meeting will be devoted to other subjects. Anyone interested, please contact Herdis Bentson (Secretary), 225 Bush Street, San Francisco California, or J. Wyatt Durham (Chairman), Department of Paleontology, University of California, Berkeley 4, California.

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Excerpts from Albert Gregersen's letter of September 25, 1947 to Cliff Johnson are passed along for general interest.

".....I have just returned from a very interesting trip to Hanover, Germany, where I had been invited to a meeting of German geologists to discuss the results of oil exploration in Northwest Germany since 1932 when the last open and free meeting of this kind was held in Germany.

"The meeting was attended by 550 geologists and geophysicists. Only one of these, Dr. Hans Stille, an honorary member of the A.A.P.G., was from the Russian zone. Dr. McClintock, head of the British Geological Survey, and a scientific adviser to the British military government, Mr. Gunther, a Finnish geologist, Mr. Sorgenfrei, one of our Danish geologists, and I were the only geologists in attendance from outside of Germany. It was a curious feeling to sit in on these meetings. Except for the fact that they were carried out entirely in German, the meeting might well have been an annual meeting of the Pacific Section. The papers covering stratigraphy, paleontology, geophysics, oil geology and production problems were just like ours. The discussions which followed were exactly like ours. As I sat in the back of the room once and looked down over the heads of those in attendance illuminated by the light from the projector, I saw many heads which reminded me of Woodford, Dee Taylor, Tom Baily, Chester Cassel, etc. Hoots, Frank Morgan and others with more to hide the contour of the head, also had their counterparts in the audience.

"These geologists were very keenly interested in their problems and were obviously enjoying the opportunity to discuss freely their mutual problems, something they had been unable to do for many years. Several papers discussed questions of MER. The bad production practices which were used during the war, especially in 1940 when the peak production was reached, have made the German oil people very conscious of the necessity of producing at the most efficient rates. Questions of permeabilities are also of great interest. The new trend in German oil exploration is toward broader anticlinal structures away from salt domes. Development of the productive sand fields in Holland and western Germany on such broad folds is, I believe, largely responsible for this trend. Generally speaking, production has heretofore been looked for and developed on the flanks of piercement salt domes. This has been difficult and expensive to find and has not yielded large fields.

"At the present time 60 to 70 wildcats are being drilled for oil in northwestern Germany. These operations are carried out by private companies on concessions from the government. A very sizeable effort is being put forth with the support of the occupying military forces to find new oil resources in Germany to assist the rebuilding and making the country self-supporting.

"During my trip I had the opportunity of visiting two potash mines near Hanover where potash is mined in piercement salt domes. This was of great interest since I had never before had an opportunity to see the interior of a salt dome. At 2200 feet the temperature in the diggings reached 95° Fahrenheit. The air circulating system was not adequate. How the workers stand up under those conditions is hard to understand. The best paid mine workers can make up to 1000 marks per month. For this they can buy a sack of potatoes or two pounds of coffee on the black market. It is, therefore, not hard to understand why the desire to work is a little low.

"It is depressing to see cities like Hanover and Hamburg with the mountains of ruins. I had the impression of being in a dead city where nothing was happening. It seems far better to abandon the ruins and start from scratch on a new area to build new cities. Aside from the ruins the most depressing sight was the women walking everywhere on the country roads with baskets or shopping bags looking for food which they endeavor to obtain by barter with the farmers. The latter have apparently done very well since the end of the war by bartering food for all sorts of things. Although there are strict orders for the delivery of farm produce to the authorities for later distribution in regular trade channels, only 1% of the farm produce ever reaches such channels. The balance is disposed of by barter.

"The faces of most adults are filled with hopelessness. I saw not one single fat German. The children appear happy and carefree and fairly healthy although their legs were thin. I was continually asked for cigarettes. If I asked a policeman for directions he would inevitably end the conversation by saying "You don't happen to have some cigarettes for me." Cigarettes are still an important means of exchange. One cigarette is worth about 10 marks, or about one dollar. Gasoline on the black market can be had for one cigarette per liter, i.e. 4½ gallon.

"Our work in Denmark is progressing very satisfactorily. We now have three drilling rigs in operation. Our first deep test is today drilling below 4000 feet. We will have completed a detailed gravity survey of the whole country by the end of next summer. This forms the basis for our seismograph work and core drilling which precedes deeper exploratory drilling. We have to date drilled into the salt on three piercement domes. At present we have about 150 people engaged in our operations in Denmark.

"Please remember me to my friends.....Sincerely,
 Albert."

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RETURN POSTAGE GUARANTEED

Vol. 1, No. 11

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PACIFIC PETROLEUM GEOLOGIST

NEWS LETTER OF THE PACIFIC SECTION AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Volume 1

December 1947.

Number 12

ASSOCIATION ACTIVITIES

The retiring officers of the Pacific Section of the American Association of Petroleum Geologists are to be congratulated on the interesting programs given during the year which culminated in the annual meeting held November 6th and 7th at the Huntington Hotel in Pasadena. An excellent program was arranged by James Kimble and Robert White which, besides the general papers, included a timely symposium on the occurrence and production of oil from fractured rocks in California; also a paper concerning the geology of the Salinas Valley, which has been receiving considerable attention during the past two years, was given. The increase in the number of paid-up members from 352 last year to 512 this year is both a tribute to the excellent leadership under Martin Van Couvering as President and Bill Winham as Vice President, and to the financial wizardry of Clifford Johnson as Secretary-Treasurer. Harvey Lee, as general chairman of the Convention, and his hard-working committee deserve our hearty thanks. Their choice of the Huntington Hotel as a meeting place, with its excellent appointments, brought forth numerous favorable comments. At the business session on November 7th the following new officers were elected: President, William Winham; Vice President, Harvey Lee; Secretary-Treasurer, Peter Gardett. Clifford Johnson was appointed as Program Chairman and Sam Stewart as Publicity Chairman.

Stanley Harold, as Chairman of the Research Committee, states that an active and an advisory committee are being formed to carry on the research program. Harold Rader is Chairman of the Classification Committee and Harold Sullwold is in charge of obtaining and publishing preliminary reports on new oil fields and other oil fields on which nothing has been published. Following the convention the members were guests of the United Geophysical Society at a cocktail party given in the spacious patio of the Huntington Hotel. In the evening the pursuit of oil was temporarily deferred in favor of a dinner dance in the hotel ballroom which was enjoyed with customary conviviality.

The first meeting under the new officers will be a luncheon program on December 8th at 12:00 noon at the Hotel Clark. Professor Raymond C. Moore of the University of Kansas, one of the A. A. P. G. distinguished lecturers, will deliver a paper entitled "Problems of Sedimentary Facies". President Winham has asked Martin Van Couvering to continue in charge of the Pacific Section Geological Forum. The latter has appointed a committee consisting of Louis Simon, Dick Ballantynes and Howard T. Anderson. The next meeting of this organization will be at the California Institute of Technology on December 15th at 7:30 p.m. under the chairmanship of Jack Knight. Dr. James H. Noble will speak on the "Structural Control of Mineralization of the Homestake Mine, South Dakota". This is the first engineering data of a geological nature that has been released regarding this fabulous mine. Dr. F. D. Bode will illustrate with Kodachrome slides a paper entitled "Observations on the Geology of Sicily".

President Arthur Huey of the San Joaquin Geological Society has announced a meeting for December 9th at 7:00 p.m. at the El Tejon Hotel at which time Professor Raymond Moore will address the Society. An election of officers for the new year will take place.

The Society of Economic Geophysicists held its annual convention at Hotel Huntington on Friday, November 7th under the leadership of Curtis Johnson as Regional Chairman. At a luncheon meeting, under the chairmanship of M. C. Barn, the Society voted in favor of organizing itself into a Pacific Coast Section of the National Society. A committee has been formed to provide a constitution and by-laws and another to select officers. The decision to become affiliated with the National S. E. G. resulted from a change in the by-laws of the latter approximately a year ago by which it became possible for local sections to be formed.

The Society of Economic Paleontologists and Mineralogists at a dinner meeting at the Pasadena Athletic Club on November 8th elected Ted Lee as its new president and Miss Zelda Cross as secretary-treasurer. Earl Meyers gave an interesting illustrated lecture on the ecology of living and fossil foraminifera which was followed by a talk by Parker Trask on the determination of potential oil source rocks. Bill Corey, retiring president, and his able secretary, Jane Everest, deserve our thanks for the programs provided during the past year which have been of interest not only to the members of the S. E. P. M. but to the Pacific Coast Section of the A. A. P. G. at large. Beginning in January there will be regular monthly meetings with programs of wide appeal to geologists as well as paleontologists.

The Branner Geological Club held its first dinner meeting of the season on October 8, 1947, at the Athenaeum of California Institute of Technology. Dr. Gordon A. Macdonald, of the University of Southern California, spoke on "Hawaiian Volcanoes" and showed spectacular colored movies of eruptions. One hundred and one members and guests attended. Any geologist in the Los Angeles area not now on the mailing list may receive notice of future meetings by notifying the Secretary-Treasurer and enclosing one dollar for annual dues. W. H. Easton, Secretary-Treasurer, Box 100, University of Southern California, Los Angeles 7, California.

ANNUAL CONVENTION IN DENVER

The convention committee - T.S. Harrison, general chairman - has already begun preparations for the coming joint annual meeting of the A.A.P.G. - S.E.P.M. - S.E.G. in Denver April 26-29 1948. Many members of the Pacific Section, it is hoped, will be making up their minds to attend.

CONVENTION PHOTOGRAPHS

Photographs of the A.A.P.G. joint luncheon held at Huntington Hotel, Pasadena, Thursday noon, November 6, and the dinner dance held Friday evening November 7, can be obtained from J. Allen Hawkins, commercial photographer, 330 N. Lake Ave., Pasadena 4, California or phone Sycamore 2-5068. The pictures are 12 x 19" and are available at \$1.25 each including tax and postage. If you desire prints send in your order to Mr. Hawkins with check for the amount, specifying pictures wanted.

Sample prints will be forwarded to A.A.P.G. luncheons and "Forum Meetings".

EXECUTIVE COMMITTEE, PACIFIC SECTION
AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS

Wm. P. Winham	President
Harvey W. Lee	Vice-President
Peter H. Gardett	Secretary-Treasurer
Martin Van Couvering	Past President

PACIFIC PETROLEUM GEOLOGIST

Published monthly by Pacific Section, American Association of Petroleum Geologists. Address communications to Pacific Petroleum Geologist, Room 700, 601 W. 5th Street, Los Angeles 13, California.

Editor:	Hugh McClellan
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Activities:	Donuil Hillis
Personal Items:	Ted Bear
Selected Bibliography:	John Crowell
Calendar:	Jack Knight

Next deadline January 5, 1948.
 For out-of-town correspondents January 3, 1948.

ON PREPARATION OF LANTERN SLIDES

The Pacific Section of the Association of Petroleum Geologists owns an excellent lantern slide projector. In order that the Society may have the fullest possible use of this, certain pertinent information about the projector and about lantern-slide preparation is offered.

The projector has sufficiently strong light that slides may be shown in full daylight on a good screen. The auditorium need not be darkened, except to spare the speaker from seeing a sleeping audience.

The projector may be fitted for showing either standard-size lantern slides, 3-1/4" by 4", or 2" by 2" slides (as from bantam or 35 mm. cameras). Since an exchange of lenses is required, it is necessary that a series of slides be all standard or all 2" by 2". In any one paper both may be used if they are so grouped. About two minutes' time is required for change of lenses.

Color slides in either size may be used without damage to emulsion because the projector is cooled by a fan removing the heated air.

Standard slides are always projected with long dimension horizontal. This should be remembered when preparing slides showing electric logs, stratigraphic columns, etc. The 2" by 2" slides, being square, mount either way of the frame of image.

Index spots on the slides to help orient them into the projector should always be mounted on the lower left as you read the slide. This spot is on the upper right as the slide is placed in the projector.

Lettering should be for readability when projected. It is better to have a series of slides than one overburdened or crowded slide. In preparing the original copy of a map or diagram, use a letter size that can take the proper reduction for slide preparation.

Howard T. Anderson

PERSONAL ITEMS

STAFFORD PARK OF THE CONTINENTAL CORPORATION RECENTLY ENTERED HIS KERRY BLUE TERRIER IN THE SEATTLE DOG SHOW WHERE SHE TOOK ALL OF THE TERRIER HONORS AND PROVIDED STAFFORD WITH NEW BLUE RIBBONS AND TROPHYS.

WHILE ON THE SUBJECT, CURTIS JOHNSON & PETE GARDETT OF GENERAL PETROLEUM RECENTLY SHOWED THEIR RESPECTIVE CANINES IN THE PASANITA OBEDIENCE SHOW WITH LESS SPECTACULAR RESULTS.

BILL LEWIS, GENERAL PETROLEUM CORP. HAS TAKEN MILITARY LEAVE FOR TWO WEEKS ACTIVE DUTY AT THE NAVY'S PHOTO INTERP CENTER AT ANACOSTIA, D. C.

GRETCHEN BREMERMAN WHO HAS BEEN SECRETARY IN THE GEOLOGICAL DEPARTMENT OF THE GENERAL PETROLEUM CORP. FOR THE PAST TWENTY TWO YEARS WILL RETIRE JAN. 1, 1948. GRETCHEN HAS ACCEPTED A POSITION AS BUSINESS MANAGER FOR THE LONGINOTTI INTERIOR DECORATING CO. LOCATED ON WILSHIRE BLVD.

FRANK TOLMAN, THE VENERABLE BACHELOR OF THE RICHFIELD'S BAKERSFIELD STAFF, WAS MARRIED ON NOV. 22ND TO DOROTHY GIFFEN AT SANTA BARBARA.

H. ALLEN "PAT" KELLEY, RICHFIELD OIL CORP. HAS BEEN TRANSFERRED FROM VENTURA TO THE LOS ANGELES OFFICE. BY THE WAY CLAUDE LEACH REPORTS THAT IT IS HARDLY SAFE TO ALLOW PAT INSIDE YOUR FROZEN FOOD LOCKER. PRIME RIBS AND ELK ROAST ARE UNDISTINGUISHABLE TO PAT.

BOB GALESKI UNTIL RECENTLY WITH UNITED GEOPHYSICAL CO. IS NOW EMPLOYED BY THE HONOLULU OIL CORP. AND IS WORKING OUT OF THE LOS ANGELES OFFICE.

K. B. "PETE" HALL HAS BEEN TRANSFERRED FROM THE RICHFIELD'S LOS ANGELES OFFICE TO VENTURA WHERE HE WILL HANDLE THE COASTAL SCOUTING ASSIGNMENT. "PETE" HAS PURCHASED A 14 ACRE FARM JUST OUT OF OJAI.

DICK SHERMAN ANNOUNCES CHANGE OF OFFICES TO 650 SOUTH GRAND AVE., LOS ANGELES (14) CALIF. PHONE VANDIKE 8908. HIS SON IS NOW CONNECTED WITH HIM.

TOM FOLSOM IS NOW IN SANTA BARBARA WITH THE HONOLULU OIL CORP.

FRED GREEN HAS RESIGNED FROM THE TIDE WATER ASSOCIATED, BAKERSFIELD

JOHN C. MAY HAS JOINED THE GEOLOGICAL STAFF OF THE INDEPENDENT EXPLORATION Co.

ROBERT BURNS, DON GRESSER AND NAT MACKEVETT ALL FROM U.C.L.A. ARE NOW EMPLOYED BY THE SHELL OIL Co.

ED MACKEVETT OF U.C.L.A. HAS RECENTLY GONE WITH THE U.S.G.S.

PAUL DUDLEY AND MASON HILL RETURNED ON NOV. 22, FROM A FOUR MONTH EXPEDITION TO AUSTRALIA. PAUL IS NOW LOCATED IN THE RICHFIELD LONG BEACH OFFICE - AND MASON IN BAKERSFIELD.

TOM BIBB, TEXAS CO. AND DAVE MOORE, SUPERIOR, TREKED FROM BAKERSFIELD TO WASHINGTON FOR THE PURPOSE OF SAMPLING STANDARD'S RECENTLY ABANDONED WILDCAT. DAVE, BY THE WAY, IS IN SEARCH OF A BAKERSFIELD BARBER THAT CAN DO THE SAME JOB HIS FRESNO MAN DID.

STAN KRIZ IS TAKING A LEAVE OF ABSENCE FROM STANDARD OIL CO., TAFT, TO ENABLE HIM TO VISIT HIS PARENTS IN PRAGUE, CZECHOSLOVAKIA

LEONARD SWORDF, FORMERLY WITH THE WESTERN GEOPHYSICAL CO. IN CALIF., IS NOW GEOPHYSICIST FOR UNION OIL CO. AT MIDLAND, TEXAS

ED BORESS AND WIFE WERE RECENT VISITORS TO CALIF. HE IS IN CHARGE OF GEOPHYSICS FOR THE STANDARD OF TEXAS IN TEXAS. ED KEEPS UP HIS PACIFIC SECTION DUES.

CLIFF JOHNSON RICHFIELD OIL CO. HAS RETURNED FROM A BUSINESS TRIP AT MIDLAND, TEXAS

MANLY NATLAND, RICHFIELD OIL CO. HAS FINALLY MOVED INTO HIS NEW ESTATE ATOP THE PALOS VERDE HILLS. INCLUDED IN THE HOME IS A \$300 NATLAND SWIMMING POOL.

DICK REESE HAS BEEN IN AN ENVIABLE ROOTING SITUATION DURING THE FOOTBALL SEASON HAVING HIS DAUGHTER, JANET, AT U.S.C. AND HIS SON, RICHARD, AT U.C. BERKELEY.

TOM WOODWARD MAY HAVE LOST A \$100 BET WITH HIS DOCTOR, BUT HE IS ALL SMILES WITH AN 8 LB 12 OZ BOY, THOMAS DORSEY WOODWARD.

MARTIN VAN COUVERING RECEIVED THE FOLLOWING LETTER FROM FLOYD C. MERRITT OF SAN MARINO

DEAR MARTIN:
PLEASE ACCEPT THE THANKS OF AN ARM CHAIR GEOLOGIST FOR THE EXCELLENT JOB YOU HAVE DONE ON THE NEWS LETTER OF THE A.A.P.G. I WANT YOU TO KNOW THAT I HAVE READ EVERY ONE OF THEM FROM COVER TO COVER AND ENJOYED THEM ALL, EVEN THOUGH I QUIT THE PROFESSION NEARLY TWENTY FIVE YEARS AGO. I HOPE YOUR EXAMPLE WILL INSPIRE YOUR SUCCESSOR.

WITH kindest regards and best wishes

I AM.

YOURS SINCERELY,

FLOYD

Two cars belonging to local geologists were involved in the 9-car chain accident December first on the Arroyo Parkway. The morning was rainy and when two cars ahead locked bumpers the others were unable to stop. The fifth car was piloted by Bob Atwell with Basil Kantzer as passenger, and immediately arriving was the 8th car carrying Ted Lee and Bob White. The last named sustained a fractured knee cap and several minor injuries which confined him to his home for a few days.

Harold "Ratz" Rathwell of Continental Oil Company, Ventura, wishes to announce to all geologists who may be interested that he has 195 A.A.P.G. bulletins covering the years 1925 to the present, and he will trade, horse-trade, swap for good whiskey, or sell at the price of \$5 per year or \$100 for the lot.

BIBLIOGRAPHY OF RECENT PUBLICATIONS

oo Pacific Coast Geology
oo Other Articles of Special Interest

SCIENTIFIC PUBLICATIONS - JOURNALS, BULLETINS, ETC.

- A.A.P.G. Bull., Vol. 31, No. 11, November, 1947
oo "Origin and Migration of Oil into Sespe Redbeds, California" By Thomas L. Bailey, pp. 1913-1935.
o "Stratigraphic Convergence Problems in Oil-Finding" By Robert M. Swesnik and Robert R. Wheeler, pp. 2021-2029.
"Diagenesis of Oil-field Brines" By L. U. de Sitter, pp. 2030-2039.
oo "Santiago Pool, Kern County, California" By Glen W. Ledingham, pp. 2063-2067.

G.S.A. Bull., Vol. 58, No. 10, October, 1947
oo "Wave Erosion Along the Southern California Coast" By F. P. Shepard and U. S. Grant, IV, pp. 919-926.

G.S.A. Bull., Vol. 58, No. 11, November, 1947
"Flysch and Molasse" By A. J. Eardley and Max G. White, pp. 979-990.

Amer. Geophysical Union, Trans., Vol. 28, No. 5, October, 1947
"Some Unsolved Problems of Geophysics" By Leason H. Adams, pp. 673-679.

Bull. Seismological Society Amer., Vol. 37, No. 4, October, 1947
oo "Effect of Sea Level Variation on Long Beach, Calif. Subsidence" By Harry Leypoldt, pp. 289-290.
oo "Seismic Activity and Topography of the Sea Floor off Southern California" By Thomas Clements and K. O. Emery, pp. 307-312.

Geophysical, August, 1947
oo "Geophysical History of the Ten Section Oil Field, Kern County, California" By Joseph C. Waterman, pp. 402-405.
oo "Geophysical Hist. of the North Coles Levee Oil Field, Kern County, California" By Joseph LeConte, pp. 406-413.

Proceedings of the Geologists' Association, Vol. LVIII, Part 2, 1947
"Terrestrial Heat and Earth Movements" By A. J. Bull, pp. 115-124.

TRADE JOURNALS AND MISCELLANEOUS MAGAZINES

World Petroleum, Vol. 18, No. 12, November, 1947
"Geophotometric Mapping", p. 95.

Petroleum World, Vol. XLIV, No. 11, November, 1947
California Production News.

California Oil World, Twice Monthly
California Production News.

Oil and Gas Journal
Annual A.P.I. Number, Vol. 46, No. 28, November 15.

SURPLUS FUNDS

Margaret D. Binkley of the Division of Oil and Gas, Bakersfield, offers the following suggestion for use of surplus funds in the treasury, and in addition she offers to work on the project

"Would it be possible to re-publish the late Dr. Ralph Reed's Geology of California? This book has been too long out of print, even though much of the material is dated. Republishing as it stands would be worth while, but if it were possible to incorporate in some manner the many new ideas and the knowledge acquired since that date, it would most certainly be a valuable contribution to present workers as well as a possible stimulus to new thought.

It seems to me that it could be published as a memorial or an anniversary volume of some sort, and it appears probable that should you send out cards to all our members to determine potential purchasers, the volume would certainly be oversubscribed so that the initial cost would be more than amply repaid."

CALENDAR

- December 8, 1947, Monday, 12:00 noon, A. A. P. G., Pacific Section, Clark Hotel, Los Angeles, Luncheon Meeting.
- December 9, 1947, Tuesday, 7:00 p.m., San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting.
- December 10, 1947, Wednesday, 7:00 p.m., A. I. M. E., Southern California Section, University Club, Los Angeles, Annual Dinner Meeting.
- December 11, 1947, Thursday, 6:30 p.m., A. I. M. E., Junior Petroleum Group, Rio Hondo Country Club, Downey.
- December 15, 1947, Monday, 7:30 p.m., A. A. P. G., Pacific Section Geological Forum, California Institute of Technology, Pasadena.
- December 22, 1947, Monday, 7:00 p.m., A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles.

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 PACIFIC SECTION, A.A.P.G.
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RETURN POSTAGE GUARANTEED

January 8, 1948, Thursday, 12:00 noon, A. A. P. G., Pacific Section, Los Angeles, Luncheon Meeting.

January 12, 1948, Monday, 7:00 p.m., A. P. I., Coastal Chapter, Ventura.

January 13, 1948, Tuesday, 7:00 p.m., A. A. P. G., San Joaquin Geological Society, Hotel El Tejon, Bakersfield, Dinner Meeting.

January 15, 1948, Thursday, 7:00 p.m., A. I. M. E., Southern California Section, University Club, Los Angeles, Dinner Meeting.

January 19, 1948, Monday, 7:00 p.m., A. A. P. G., Pacific Section Geological Forum, Los Angeles.

January 20, 1948, Tuesday, 7:45 p.m., A. P. I., San Joaquin Valley Chapter, 11-C Meeting Hall, Standard Camp, Taft.

January 26, 1948, Monday, 7:00 p.m., A. I. M. E., Petroleum Chapter, Auditorium, Ethyl Corp. Building, Los Angeles.



Quartzose---Not Quartzitic

Sand, easily friable, quartzitic...

This phraseology is frequently seen in core descriptions nowadays. It is ridiculous. It literally means a sand composed of grains derived from quartzite, a property not likely to be detected by the average observer. What the core describers most likely mean is sand, easily friable, quartzose. This word is generally unnecessary even when used correctly, since all sands are assumed to be composed of quartz unless other minerals are present and mentioned.

The loose usage of "quartzitic" could be very troublesome if the describer of a loose sand didn't mention hardness but did mention "quartzitic". This would, of course, lead the reader to assume an extremely well-cemented quartzite-like sandstone, unless he was a loose-user of the words himself, in which case he would have to guess. They are two entirely different words and could easily spell the difference between an oil field and a dry hole.

Lets be more carefull!

Harold H. Sullwold, Jr.

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