

# 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, 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. Ballarntyne, 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. Cardett. 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

Miscellaneous bits of news - Max W. Bell - to be director of the Oil and Gas Div., Department of the Interior.

Harry V. Church - to be Geologist with the Shell Oil Co., Amersfield.

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. CoLLom - retiring as Vice President of Continental Oil Co.

R. G. Green - Manager of Lands and Leases for Union Oil Co.

A. I. Lovorsen - now Dean of the new School of Mineral Sciences, Stanford University.

A. W. Sams - 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.

Edman 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 - is 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 API.

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.

H. 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 Sheldon of the Petroleum Engineer in the issue of Dec., 1946, p. 244.

The whirlwind courtship and marriage of Marjorie Kamm to Dr. W. C. Krumboltz 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 notices as members of a barbershop quartet in the Petroleum Engineer for Dec., 1946, p. 245.

W. W. Drouett (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 Sike Club.

Mr. 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.

High Matter is listed as a micro-paleontologist in Drilling, Dec., 1946, p. 55.

Harry P. Scott has been retained as consultant for the Navy in connection with the Elk Hills Naval Oil Reserve.

Art Huey, Herb Mckesters and J. Q. Anderson are respectively Chairman, Vice-Chairman and Secretary-Treasurer of the San Joaquin Geological Society.

## SELECT BIBLIOGRAPHY OF RECENT PUBLICATIONS

### Pacific Coast Geology, Paleontology and Maps

"Pacific Section of American Association of Petroleum Geologists Annual Meeting Abstracts, Nov. 7-8, 1946," Bull. Assoc. Petrol. Geol., Dec., 1946, pp. 2067-2091.

"California. Sketch Map of Santa Ana Mountain Clay Region," compiled by C. R. Stauffer, Calif. Strategic Mineral Investigations Preliminary Map 5-197 (with text), June, 1945. Scale 1:82,500. Scale 1ml in. n.p. (1946) (size of map is 43x51 in.) 25¢ 19.25; M66/12/prelim.

"If There's Oil in Washington, We'll Find It!" - says Union, Drilling, Nov., 1946, p. 52.

"Standard of California Looks to Washington State for Oil," Drilling, Nov., 1946, p. 52.

"Geology and Petroleum Possibilities of the North-East Part of the United-States Peninsula," by L. E. Keallum and H. West, Jr., Bull. Geol. Soc. Am., Dec., 1946, p. 1211, Abst.

"Continental Shelf May Augment Future California Petroleum Production," L. P. Stockman, Petroleum World, Dec., 1946.

"The Geology and Development of West Newport Field," W. E. Dunlap and A. L. Hunter, Petroleum World, Dec., 1946, p. 45.

"Photograph of San Miguelito Anticline, Surface Exposure, The Red Triangle, Oct.-Nov., 1946, p. 11.

"Map of Yosemite Valley, Yosemite National Park, Calif., Mariposa County," U. S. Geol. Survey (with shaded relief), Latitude, 37°22' to 37°47' 05"; longitude, 119°29'10" to 119°43'40". Scale, 1:24,000 (1"=2,000'); contour interval, 50'. 1 sheet, 28 by 38", price 25¢. Maps are sold by the Director of the Geological Survey, Washington 25, D.C., to whom remittances should be sent by money order.


"Geologic Map of Northeast Margin of San Gabriel Basin, Los Angeles Co., Calif.," J. S. Shelton, U. S. Geol. Survey, Oil and Gas Investigations, Prof. Map 65, Scale 1:24,000 (1"=2,000'); Contour intervals, 5 and 25 feet. 1 sheet, 48" by 40". Price 60¢, no discount allowed. Sold by the Director of the Geological Survey, Washington 25, D. C. Also available for over-the-counter sale at the Geological Survey Office, Room 353, U. S. Post Office & Courthouse Bldg., Los Angeles, Calif.

"Geology and Paleontology of Palos Verdes Hills, California," W. P. Woodring, M. N. Bramlette and W. S. W. Kow, U. S. Geol. Survey Professional Paper 207, Aug., 1946, 145 pp., 27 pl., 16 fig. Superintendent of Documents, Govt. Printing Office, Washington 25, D. C. Price \$1.50.

#### Technical

"Normal Fault Structures and Others," Bailey Willis, Bull. Am. Assoc. Petrol. Geol., Nov., 1946, p. 1875.

"The Transformation of Organic Material into Petroleum," W. M. Meade, Bull. Am. Assoc. Petrol. Geol., Nov., 1946, p. 190.

Research Project 43,  "Research Committee California," S. W. Lowman and M. A. Ham, Geol., Nov., 1946, p. 1.

"Use of Quotation Mark in Science," J. E. Eaton, Bull. Am. Assoc. Petrol. Geol., Nov., 1946, p. 1928.

"Alignment Chart for Solving Problems Involving the Relative Position of Geologic Markers," L. R. Merryman, Calif. Oil World, Nov., 1946, 2nd ed., p. 50.

"Outline of Progress in Methods of Scientific and Economic Paleontology," M. K. Elias, Bull. Geol. Soc. Am., Abst., p. 1190.

"Three-Dimensional Projection in Geological Trending," D. Jerome Fisher, Bull. Geol. Soc. Am., Abst., p. 1193.

"Submarine Photography off the California Coast," K. O. Emery and F. P. Shepard, Journal of Geology, Sept., 1946, p. 306.

"Geology as a Profession," the National Roster of Scientific and Specialized Personnel, For sale by the Sup't. of Documents, Wash. 25. D.C. Price 10¢.

"Petroleum Production Engineering: Oil Field Development," Lester Charles Owen, McGraw-Hill Book Co., Inc., New York, 1946, 3rd ed., 763 pp., \$7.00.

"Petroleum Almanac," a statistical record of the oil industry, has just been issued by the National Industrial Conference Board.

#### General Foreign and Domestic

"The History of Wyoming Oil Field in Pictures!" A.P.I. Quarterly, Oct., 1946, pp. 4, 5.

"The California Division of Oil & Gas, Dept. of Natural Resources," Calif. Oil World, Dec., 1946, 1st. ed., p. 13 (On page 13 is a photograph of the 5,000 executive officers)

"Review of Petroleum Geology in 1945," F. M. Ven Tuzl and W. S. Levinge, Colorado School of Mines Quarterly, Vol. 41 No. 3 Single copy \$2.00; if payment accompanies order, \$1.50.

"Bathymetry and Geologic Structure of the Western North Pacific," Harry Hammond Hess, Bull. Geol. Soc. Am., Abst., p. 1202.

"Proposed Continental Shelf Program, United States Geological Survey," Thomas A. Hendricks, Bull. Geol. Soc. Am., Abst., p. 1202.

"Pacific Western's National Royalties' World's Deepest Well," Oil, Dec. 26, 1946, p. 8

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

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RETURN POSTAGE GUARANTEED

"China's Potential Oil Resources Large," Gustav Egloff, Oil & Gas Journal, Dec. 28, 1946, p. 245.

"Journal-Guide to World Oil" (map) accompanying Issue of Oil & Gas Journal, Dec. 28, 1946.

"Part Sees Great Oil Potentialities on Continental Shelf, Slope," Charles J. Deegan, Oil & Gas Journal, Dec. 7, 1946, p. 86.

"Saudi Arabia, Kuwait" Oil & Gas Journal, Dec. 28, 1946, p. 171.

"Venezuela - No. 2 Oil-Producing Nation," C. J. Deegan and Reed, Oil & Gas Journal, Dec. 28, 1946, p. 236.

"Electrical Well Logging: A Study of the Self-Potential Curve," Charles C. White, Oil & Gas Journal, Dec., 14, 1946, p. 88.

"A Review of Geophysical Methods, Devices and Procedures," C. H. Dreibach and Paul Weaver, Oil & Gas Journal, Nov. 2, 1946, p. 79.

"Clay Research and Oil Development Problems" Dr. J. C. Griffiths, Oil Weekly, Nov. 11, 1946, p. 82.

"Gas-Condensate Reservoirs - A Review," O. F. Thornton, Oil Weekly, Nov. 18, 1946, p. 42.

"Paleontology and Its Relationship to Petroleum Geology," J. Harlan Johnson, Oil Weekly, Dec. 16, 1946, p. 36.

"Photogeology Aids Oil Exploration," Laurence Brundall, Oil Weekly, Nov. 4, 1946, p. 32.

"Structural Correlations of Micromagnetic and Reflection Data," W. P. Jenny, Oil Weekly, Dec. 16, 1946, p. 32.

"Temperature Well Logging," Hubert Oyrod, Oil Weekly, Nov. 16, 1946, p. 32; Nov. 11, p. 60; Dec. 9, p. 36; Dec. 16, p. 36.

"Core Analysis - Practical Application to Oil & Gas Reservoirs," J. H. Campbell, Petroleum Engineer, Dec., 1946, p. 100.

"Classification of Oil Discoveries & Fields," by the Classification Committee of Pacific Section, A.A.P.G. (F. S. Parker, Chairman; Harvey W. Lee, F. B. Carter, R. D. Patterson, Graham Moody), Petroleum World, Nov., 1946, p. 72-75.

"Geologic Mapping by Means of Graphic Locator," D. J. Varney, U. S. Geol. Survey, Circular 12, 1946, cover title, S. Leaves, 2 figs. (Mimeo.), free on application to the Director, U. S. Geological Survey, Washington 25, D.C.

"Bacteria in Oil Production," World Petroleum, Nov. 1946, p. 78.

"World's Largest Deal Pending in Arabian American Negotiations," Warren N. Burns, Oil & Gas Journal, Dec. 21, 1946, p. 42.

"World Oil Operations," Chas. J. Deegan & Warren W. Burns, Oil & Gas Journal, Dec. 28, 1946, p. 184.

"Expanded Programs Under Way, Western Venezuela," Oil & Gas Journal, Nov. 4, 1946, p. 5, International Section.

"Pacific Western's California Test Sets New Record for Deep Drilling," Oil Weekly, Dec. 9, 1946, p. 29.

"Texas Gas for California," A. F. Bridge, Petroleum Engineer, Nov., 1946, p. 100

"Texas Gas for California," (part 2) A. F. Bridge, Petroleum Engineer, Dec., 1946, p. 136

"Oil History in the Making," Wm. Herbert, The Standard Oil, Oct., 1946, p. 10.

"Map of Oil and Gas Fields in the Netherlands-North Sea Frontier Area," World Petroleum, Nov., 1946, p. 67.

"Oil Resources of South America," Victor Oppenheim, World Petroleum, Dec., 1946, p. 54.

"Geology, Principles and Processes," Wm. H. Ramsden, Geo. A. Phil, Clinton R. Stauffer, and Iva S. Allison, McGraw-Hill Book Co., Inc., 2nd ed. 451 pp., \$4.00.

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American Association of Petroleum Geologists

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PACIFIC PETROLEUM GEOLOGIST

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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 Cater", 3650 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 Kollusa - Illustrated with motion pictures - Ferry R. Curver, 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 Cobeurn; the second was led by E. L. McLeod, 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 Bader, and E. L. McLeod, with Graham Moody ex officio member. Bader and McLeod 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' license 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. J. 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 2012. His address is Shell Oil Co., 611 W. & N. Building, Houston, Texas.

Kenneth K. Landess, 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 15, 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 B. R. Axwill, R. W. Clark, James Dorrance, Rollin Bekis, 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 courses, 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 Courving, 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. Leshch, 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 -	Asst. Manager of Exploration, San Francisco.
W.S.W. Kew -	Chief Geologist, San Francisco.
W. F. Barbat -	Asst. Chief Geologist, San Francisco.
R. G. Reese -	Special Asst. 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 Kumbel Oil Co., Arhbia.
John J. Ruppelk -	to be with Sinclair Pretrria 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 K. Davless -	to Cuba as Geologist for Gulf Oil Co.
Roe A. Grey -	to South America for Socoxy-Vacuum with headquarters at Caracas, Venezuela.
Edward J. Coeman -	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.
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P.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.
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Hubert L. Popeance -	recently returned to Bakersfield after a trip to South America.
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Robert E. Paschall -	has left Ventura to try his hand at raising tulip bulbs in Oregon.
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Vincent W. Finch -	to be Senior Geologist, Ventura Coastal Division of Shell Co.
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John S. Lottbomrow -	transferred from Bakersfield to the I.A. office of Barnsdall Oil Co.
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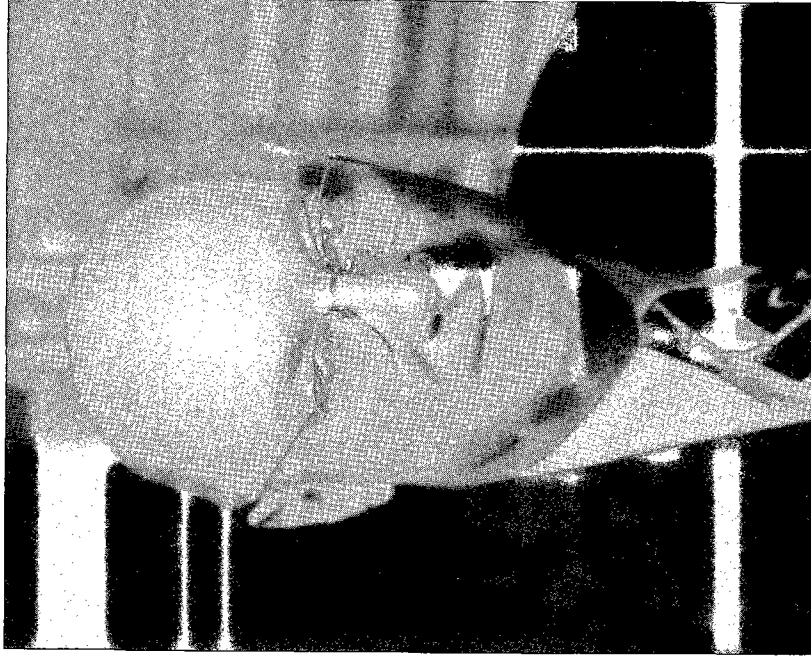
# PACIFIC PETROLEUM GEOLOGIST

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's suggestions will be appreciated). Dr. Claude E. Zobeil 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 A3A, the aim of which is to study the conditions under which oil is formed. Dr. Zobeil 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. Zobeil explained that laboratory experiments had proven that this action does take

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 Lend & 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. Kennette, 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 liberally 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.A.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. 11 issue, page 139, tells of a little known account of the fire in Laiming. He has made a study of the fire and was an honorary member of the 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.

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places, 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 Hooks.

The Petroleum Geology course at California Institute of Technology has gotten underway with the aid of the Pacific Section as mentioned in the last issue. All of the lectures have been staffed by A.A.P.G. members. W. W. "Phill" 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 processed 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 chairman 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 Garter, 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, Tark; 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. Sulmfold 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 4514 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 Leontis, 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. McDonald, 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. Iybel 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 Tark, 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. "Petee" Hall now employed in the geological department of the Richfield Oil Co. assigned the wildcat scouting chore in the I.A. Basin.

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

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

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